# 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

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

- keyval Adds support for parsing comma-delimited lists of key-value pairs.
- etoolbox Adds support for expanding code after the preamble using the \AtPreamble hook.
- ifxetex Used to detect the X¬T¬EX engine.
- ifluatex Used to detect the LuaTFX 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 3.1). Other packages may be required by the style files (see Section 3.6) you are using.

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

### 2 Public API

### 2.1 Options

Any  $\lceil \langle options \rangle \rceil$  passed to the class will be handed down to the loaded style files. The supported options are therefore documented in the subsections of Section 3.6 dedicated to the respective style files.

#### 2.2 The \thesissetup macro

 $\t$ 

The main public macro is the  $\t eyvals$  command, where  $\t eyvals$  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 Lagrangian when used, the  $\t eyvals$  are processed.

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

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

#### 2.2.1 The basePath key

#### \thesis@basepath

The  $\{\langle basePath=path \rangle\}$  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/.

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

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

The  $\{\langle \log Path = path \rangle\}$  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/.

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

```
23 \def\thesis@stylepath{\thesis@basepath style/}
24 \define@key{thesis}{stylePath}{%
25 \def\thesis@stylepath{\thesis@subdir#1%
      \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/.

```
27\def\thesis@localepath{\thesis@basepath locale/}
28\define@key{thesis}{localePath}{%
29 \def\thesis@localepath{\thesis@subdir#1%
30 \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.

```
31 \def\thesis@subdir#1#2#3#4\empty{%
                             <empty> -> <basepath>
    \ifx#1\empty%
      \thesis@basepath
33
    \else
34
35
      \if#1/%
                                    / -> /
36
        \ifx#2\empty%
37
          /%
        \else%
                             /<path> -> /<path>/
38
39
          #1#2#3#4/%
40
        \fi
41
      \else%
42
        \if#1.%
43
          \ifx#2\empty%
                                    . -> ./
            ./%
44
          \else
45
            \if#2.%
46
                                   .. -> ../
              \ifx#3\empty%
47
48
                 ../%
49
               \else
                           ../<path> -> ../<path>/
                 \if#3/%
50
                   ../#4/%
51
                 \else
52
                   \thesis@basepath#1#2#3#4/%
53
                 \fi
54
              \fi
55
            \else
              \if#2/%
                            ./<path> -> ./<path>/
57
                 ./#3#4/%
58
               \else
59
                 \thesis@basepath#1#2#3#4/%
60
              \fi
61
            \fi
62
          \fi
63
64
          \thesis@basepath#1#2#3#4/%
65
        \fi
66
      \fi%
67
```

\thesis@def The \thesis@def[ $\langle key \rangle$ ]{ $\langle name \rangle$ } macro defines the \thesis@name macro to ex-

pand to either «key», if specified, or to «name». The macro serves to provide placeholder strings for macros with no default value.

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

### \thesis@declaration 2.2.5 The declaration key

The  $\{\langle \text{declaration} = text \rangle\}$  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}.

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

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

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

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

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

- 85 \def\thesis@author{#1}%
- \def\thesis@author@head{\expandafter\expandafter\expandafter%

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

#### \thesis@id 2.2.8 The id key

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

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

### \thesis@type 2.2.9 The type key

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

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

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

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@bachelors, \thesis@masters, \thesis@doctoral and \thesis@rigorous macros containing the corresponding *type* values are available as a part of the private API.

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

### \thesis@university 2.2.10 The university key

The  $\{\langle university = identifier \rangle\}$  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.

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

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

### \thesis@department 2.2.12 The department key

The {\department=name\} pair sets the name of the department, at which the thesis is being written, to name. Unlike the university and faculty identifiers, the department name 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@department macro.

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

### \thesis@departmentEn 2.2.13 The departmentEn key

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

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

#### \thesis@programme 2.2.14 The programme key

The  $\{\langle programme = name \rangle\}$  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 TeX macros. The *name* is stored within the \thesis@programme macro.

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

### \thesis@programmeEn 2.2.15 The programmeEn key

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

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

#### \thesis@field 2.2.16 The field key

The  $\{\langle \text{field} = name \rangle\}$  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.

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

### \thesis@fieldEn 2.2.17 The fieldEn key

The {\(\fieldEn=name\)\)} pair sets the English name of the author's field of stufy to name. The name is stored within the \thesis@fieldEn macro.

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

### \thesis@universityLogo 2.2.18 The universityLogo key

The {\universityLogo=filename\} pair sets the filename of the logo file to be used 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.

```
128 \def\thesis@universityLogo{fithesis-base}
129 \define@key{thesis}{universityLogo}{%
130 \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.

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

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

The {\style=filename\} pair sets the filename of the style file to be used to filename. The filename is stored within the \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 3.1).

```
134 \ensuremath{\mbox{\mbox{$134$ \lowersity/fithesis-\thesis@faculty}}}
135 \define@key{thesis}{style}{%
136 \def\thesis@style{#1}}
```

#### \thesis@style@inheritance

### 2.2.21 The styleInheritance key

The {\styleInheritance=bool\} pair either enables, if bool is true or unspecified, or disables the inheritance for style files. The setting affects the function of the \thesis@requireStyle macro (see Section 3.2) and can be tested using the  $\ifthesis@style@inheritance...\fi$  conditional. Inheritance is enabled for style files by default.

```
137 \newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
138 \define@key{thesis}{styleInheritance}[true]{%
139 \begingroup
```

```
140 \def\@true{true}%
141 \def\@arg{#1}%
142 \ifx\@true\@arg
143 \endgroup\thesis@style@inheritancetrue
144 \else
145 \endgroup\thesis@style@inheritancefalse
146 \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 3.1).

#### \ifthesis@english

The English locale is special. Several parts of the document will typically be type-set 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.

```
153 \def\ifthesis@english{
    \expandafter\def\expandafter\@english\expandafter{\string%
    \english}%
    \expandafter\expandafter\expandafter\def\expandafter%
156
    \expandafter\expandafter\@locale\expandafter\expandafter%
157
    \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
158
    \expandafter\csname\expandafter i\expandafter f\ifx\@locale%
159
    \@english%
160
      true%
161
    \else%
162
163
      false%
    \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 3.2) and can be tested using the \ifthesis@locale@inheritance...\else...\fi conditional. Inheritance is enabled for locale files by default.

```
165 \newif\ifthesis@locale@inheritance\thesis@locale@inheritancetrue
166 \define@key{thesis}{localeInheritance}[true]{%
    \begingroup
167
    \def\@true{true}%
168
    \def\@arg{#1}%
169
170
    \ifx\@true\@arg
171
      \endgroup\thesis@locale@inheritancetrue
172
      \endgroup\thesis@locale@inheritancefalse
173
    \fi}
174
```

#### 2.2.24 The date key

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

\thesis@parseDate

- \thesis@date The entire date
- \thesis@year

\thesis@date

- \thesis@year The YYYY part of date
- \thesis@month
- \thesis@month The MM part of *date*
- \thesis@day
- \thesis@day The DD part of date
- \thesis@season
- \thesis@season Expands to either:
  - winter if MM < 7.
  - summer if MM > 7.

\thesis@academicYear

- \thesis@academicYear The academic year of the given semester:
  - YYYY/YYY+1 in case of a summer semester
  - YYYY-1/YYYY in case of a winter semester

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

```
\advance\@year-1\edef\@yearA{\the\@year}%
187
       \advance \ensuremath{\tt @year 1\edef @year B{\the \egear}\%}
188
     \else%
189
       \gdef\thesis@season{summer}%
190
                         \edef\@yearA{\the\@year}%
191
192
       \advance \ensuremath{\tt @year}{\the \ensuremath{\tt @year}}{\tt %}
193
     \global\edef\thesis@academicYear{\@yearA/\@yearB}}}
194
195
196 \edf\thesis@date{\theta\wear/\theta\month/\theta\ay}\%
197 \expandafter\thesis@parseDate\thesis@date|%
199 \define@key{thesis}{date}{{%
    \edef\@date{#1}%
     \expandafter\thesis@parseDate\@date|}}
```

### $\label{thesis@place} $$ \ \ \, $\textbf{2.2.25} \quad The \ place \ key $$$

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.

```
202 \def\thesis@place{Brno}
203 \define@key{thesis}{place}{%
204 \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 the thesis@title macro.

```
205 \thesis@def{title}
206 \define@key{thesis}{title}{%
207 \def\thesis@title{#1}}
```

### \thesis@TeXtitle 2.2.27 The TeXtitle key

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

```
208 \def\thesis@TeXtitle{\thesis@title}
209 \define@key{thesis}{TeXtitle}{%
210 \def\thesis@TeXtitle{#1}}
```

### \thesis@titleEn 2.2.28 The titleEn key

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

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

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

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

```
{\tt 214 \backslash def \backslash thesis@TeXtitleEn \{ \backslash thesis@titleEn \}}
215 \define@key{thesis}{TeXtitleEn}{%
216 \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.

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

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

The  $\{\langle TeXkeywords=list \rangle\}$  pair sets the T<sub>E</sub>X 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.

```
220 \def\thesis@TeXkeywords{\thesis@keywords}
221 \define@key{thesis}{TeXkeywords}{%
222 \def\thesis@TeXkeywords{#1}}
```

#### \thesis@keywordsEn 2.2.32 The keywordsEn key

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

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

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

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

```
226 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
227 \define@key{thesis}{TeXkeywordsEn}{%
228 \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.

```
229 \thesis@def{abstract}
230 \long\def\KV@thesis@abstract#1{%}
231 \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.

```
232 \thesis@def{abstractEn}
233 \long\def\KV@thesis@abstractEn#1{%
234 \long\def\thesis@abstractEn{#1}}
```

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

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

```
235 \thesis@def{advisor}
236 \define@key{thesis}{advisor}{\def\thesis@advisor{#1}}
```

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

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

```
237 \long\def\KV@thesis@thanks#1{%
238 \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.

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

#### \ifthesis@auto 2.2.39 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.

```
241 \newif\ifthesis@auto\thesis@autotrue
242 \define@key{thesis}{autoLayout}[true]{%
243 \def\@true{true}%
    \def\@arg{#1}%
245
    \ifx\@true\@arg%
      \thesis@autotrue%
246
247 \else%
     \thesis@autofalse%
248
249 \fi}
```

### \thesis@preamble \thesis@postamble

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

```
250 \def\thesis@preamble{}
251 \def\thesis@postamble{}
```

### The \thesislong macro

#### \thesislong

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

- abstract
- abstractEn
- thanks
- declaration

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

### 3 Private API

#### 3.1 Main routine

\thesis@load

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

\ifthesis@loaded

```
254 \newif\ifthesis@loaded\thesis@loadedfalse
255 \AtEndPreamble{\thesis@load}
256 \def\thesis@loade{%
257 \ifthesis@loaded\else%
258 \thesis@loadedtrue
259 \makeatletter%
```

First, the main locale is selected and its files are loaded using the \thesis@selectLocale macro.

```
260 \ifx\thesis@locale\empty\else
261 \thesis@selectLocale{\thesis@locale}
262 \fi
```

Consequently, the style files are loaded.

```
263 \ifx\thesis@style\empty\else
264 \thesis@requireStyle{\thesis@style}
265 \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 2015/07/07 v0.3.20 fithesis3 MU thesis class.

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

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.

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

\thesis@pages

Lastly, the \thesis@pages macro definition containing the length of the document is scheduled to be included in the auxiliary file.

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

### File manipulation macros

\thesis@exists

The  $\t sis exists {\langle file \rangle} {\langle tokens \rangle}$  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.

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

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

```
286 \def\thesis@input#1{%
287 \frac{\#1}{\left\{ \lim_{\#1}\right\} }
```

\thesis@require

The \thesis@require  $\{\langle package \rangle\}$  expands to \RequirePackage $\{\langle package \rangle\}$ , if the specified package has not yet been loaded.

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

\thesis@requireWithOptions

The  $\t$  expands to  $\ensuremath{\t}$  equirePackageWithOptions{ $\d$  package}}, if the specified *package* exists and has not yet been loaded.

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

\thesis@requireStyle

If inheritance is enabled for style files, then the  $\t equireStyle{\langle style \rangle}$ 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.

```
292 \def\thesis@requireStyle#1{%
293  \ifthesis@style@inheritance%
294  \thesis@requireWithOptions{\thesis@stylepath fithesis-base}%
295  \thesis@requireWithOptions{\thesis@stylepath\thesis@university%
296  /fithesis-base}
297  \fi%
298  \thesis@requireWithOptions{\thesis@stylepath#1}}
```

\thesis@requireLocale

If inheritance is enabled for style files, then the  $\t equireStyle{\langle locale \rangle}$  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
- $3. \thesis@localepath\thesis@university/\thesis@faculty/fithesis-{\it locale}. define the action of the context of the context$

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.

```
299 \def\thesis@requireLocale#1{%
    % Ignore redundant requests
    \expandafter\ifx\csname thesis@#1@required\endcsname\relax%
301
      \expandafter\def\csname thesis@#1@required\endcsname{}%
302
         {\makeatletter % Enable requiring from within the document
303
        \thesis@input{\thesis@localepath fithesis-#1.def}%
304
        \ifthesis@locale@inheritance%
305
           \thesis@input{\thesis@localepath\thesis@university/%
306
             fithesis-#1.def}%
307
           \thesis@input{\thesis@localepath\thesis@university/%
308
             \thesis@faculty/fithesis-#1.def}%
309
310
        \fi}
311
    \fi}
```

### 3.3 String manipulation macros

\thesis@

The  $\theta \leq \theta(name)$  macro expands to  $\theta = name$  gets fully expanded and can therefore contain active characters and command sequences.

```
312 \def\thesis@#1{\csname thesis@#1\endcsname}
```

\thesis@@

The \thesis@0{ $\langle name \rangle$ } macro expands to \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.

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

\thesis@lower
\thesis@upper

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

```
326\def\thesis@lower#1{\thesis@lower{\thesis@locale @#1}}
327\def\thesis@upper#1{\thesis@upper{\thesis@locale @#1}}
```

\thesis@head
\thesis@tail

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

```
328 \def\thesis@head#1 #2{%
329 \ifx\relax#2%
      \expandafter\@gobbletwo%
330
331 \else%
332
     \ #1%
333 \fi%
334 \thesis@head#2}%
335 \def\thesis@tail#1 #2{%
336 \ifx\relax#2%
      #1%
337
      \expandafter\@gobbletwo%
338
    \fi%
339
    \thesis@tail#2}%
340
```

### 3.4 General purpose macros

\thesis@pages

The \thesis@pages macro is defined at the beginning of the second LATEX run as a part of the main routine (see Section 3.1). During the first run, the macro expands to ??

341 \ifx\thesis@pages\undefined\def\thesis@pages{??}\fi

\thesis@selectLocale

\file

\thesis@selectLocale{ $\langle locale \rangle$ } macro redefines the \thesis@locale macro to *locale*, loads the locale files of *locale* and switches to the hyphenation patterns of *locale*.

342 \def\thesis@selectLocale#1{%

- 343 \edef\thesis@locale{#1}%
- 344 \thesis@requireLocale{\thesis@locale}%
- 345 \expandafter\language\csname l@\thesis@locale\endcsname}

#### 3.5 Locale files

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

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.

#### 3.5.1 Interface

The union of locale files loaded via the locale file inheritance scheme (see the definition of the \thesis@requireLocale macro in Section 3.2) needs to globally define the following macros:

- \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
- \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@winter The name of the winter semester
- \thesis@locale@summer The name of the summer semester
- \thesis@locale@semester The full name of the current semester
- \thesis@locale@typeName The name of the thesis type

where *locale* is the name of the locale.

#### 3.5.2 English locale files

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

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

```
346 \ProvidesFile{fithesis/locale/fithesis-english.def}[2015/06/26]
347
348% Placeholders
349 \gdef\thesis@english@universityName{University name}
350 \gdef\thesis@english@facultyName{Faculty name}
351 \gdef\thesis@english@assignment{Replace this page with a copy
of the official signed thesis assignment.
353 \gdef\thesis@english@declaration{Declaration text ...}
355 % Miscellaneous
356 \gdef\thesis@english@fieldTitle{Field of study}
357 \gdef\thesis@english@advisorTitle{Advisor}
358 \gdef\thesis@english@authorTitle{Author}
359 \gdef\thesis@english@abstractTitle{Abstract}
360 \gdef\thesis@english@keywordsTitle{Keywords}
361 \gdef\thesis@english@thanksTitle{Acknowledgement}
362 \gdef\thesis@english@declarationTitle{Declaration}
363 \gdef\thesis@english@idTitle{ID}
364 \gdef\thesis@english@winter{Spring}
365 \gdef\thesis@english@summer{Fall}
366 \gdef\thesis@english@semester{%
367 \thesis@{english@\thesis@season} \thesis@year}
368 \gdef\thesis@english@typeName{%
369 \ifx\thesis@type\thesis@bachelors%
370
      Bachelor's Thesis%
371 \else\ifx\thesis@type\thesis@masters%
372
      Master's Thesis%
373 \else\ifx\thesis@type\thesis@doctoral%
     Doctoral Thesis%
375 \else\ifx\thesis@type\thesis@rigorous%
     Rigorous Thesis%
376
      <<Unknown thesis type (\thesis@type)>>%
378
379 \fi\fi\fi\fi\}
```

### 3.5.2.2 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.

```
380 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2015/06/26]
381 \gdef\thesis@english@universityName{Masaryk University}
382 \gdef\thesis@english@declaration{%
383 Hereby I declare that this paper is my original authorial work,
384 which I have worked out by my own. All sources, references and
385 literature used or excerpted during elaboration of this work are
386 properly cited and listed in complete reference to the due source.}
387
388 % Miscellaneous
389 \gdef\thesis@english@idTitle{UČO}
```

#### 3.5.2.3 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.

```
390 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
391 \gdef\thesis@english@facultyName{Faculty of Law}
392 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
393 Masaryk University}
```

#### 3.5.2.4 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.

```
394 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
395
396 % Placeholders
397 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
398
399 % Miscellaneous
400 \gdef\thesis@english@fieldTitle{Specialization}
```

#### 3.5.2.5 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.

```
401 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26] 402 403 % Placeholders
```

```
404\gdef\thesis@english@facultyName{Faculty of Social Studies}
405\gdef\thesis@english@assignment{Replace this page with a copy
406 of the official signed thesis assignment or the copy of the
407 Statement of an Author or both, depending on the requirements of
408 the respective department.}
```

#### 3.5.2.6 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.

```
\label{locale-mu-econ-fithesis-english.def} $$ 409 \Pr \end{array} $$ 410 \end{array} $$ and $$ Administration $$ $$
```

#### 3.5.2.7 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.

```
412 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]
413
414% Miscellaneous
415 \gdef\thesis@english@abstractTitle{Annotation}
416
417% Placeholders
418 \gdef\thesis@english@facultyName{Faculty of Medicine}
419
420% Bibliographic entry
421 \gdef\thesis@english@bib@title{Bibliographic record}
422 \gdef\thesis@english@bib@pages{p}
```

#### 3.5.2.8 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@titlePageblock defined within the style/mu/fithesis-fi.sty style file.

```
423 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
424
425% Placeholders
426 \gdef\thesis@english@facultyName{Faculty of Informatics}
427 \gdef\thesis@english@assignment{Replace this page with a copy
428 of the official signed thesis assignment and the copy of the
```

```
429 Statement of an Author.}
430
431% Others
432 \gdef\thesis@english@advisorSignature{Signature of Thesis
433 \thesis@english@advisorTitle}
```

#### 3.5.2.9 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.

434 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2015/06/26]

435 \gdef\thesis@english@facultyName{Faculty of Arts}

#### 3.5.2.10 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.

```
436 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2015/06/26]
437
438 % Placeholders
439 \gdef\thesis@english@facultyName{Faculty of Education}
440
441 % Bibliographic entry
442 \gdef\thesis@english@bib@title{Bibliographic record}
443 \gdef\thesis@english@bib@pages{p}
```

#### 3.5.2.11 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.

```
444 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]
445
446 % Placeholders
447 \gdef\thesis@english@facultyName{Faculty of Science}
448
449 % Miscellaneous
450 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
451
452 % Bibliographic entry
453 \gdef\thesis@english@bib@title{Bibliographic entry}
454 \global\let\thesis@english@bib@author\thesis@english@authorTitle
455 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
456 \gdef\thesis@english@bib@programme{Degree Programme}
```

```
457 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
458 \gdef\thesis@english@bib@advisor{Supervisor}
459 \gdef\thesis@english@bib@academicYear{Academic Year}
460 \gdef\thesis@english@bib@pages{Number of Pages}
461 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle
```

#### 3.5.3 Czech locale files

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

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

\thesis@czech@gender@koncovka

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

```
462 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2015/06/26]
464% Pomocná makra
465 \gdef\thesis@czech@gender@koncovka{%
466 \ifthesis@woman a\fi}
468 % Zástupné texty
469 \gdef\thesis@czech@universityName{Název univerzity}
470 \gdef\thesis@czech@facultyName{Název fakulty}
471 \gdef\thesis@czech@assignment{Misto tohoto listu vložte kopii
472 oficiálního podepsaného zadání práce.}
473 \gdef\thesis@czech@declaration{Text prohlášení ...}
475 % Různé
476 \gdef\thesis@czech@fieldTitle{Obor}
477 \gdef\thesis@czech@advisorTitle{Vedouci práce}
478 \gdef\thesis@czech@authorTitle{Autor}
479 \gdef\thesis@czech@abstractTitle{Shrnutí}
480 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
481 \gdef\thesis@czech@thanksTitle{Poděkování}
482 \gdef\thesis@czech@declarationTitle{Prohlášení}
483 \gdef\thesis@czech@idTitle{ID}
484 \gdef\thesis@czech@winter{Jaro}
485 \gdef\thesis@czech@summer{Podzim}
486 \gdef\thesis@czech@semester{%
487 \thesis@{czech@\thesis@season} \thesis@year}
488 \gdef\thesis@czech@typeName{%
489 \ifx\thesis@type\thesis@bachelors%
490
    Bakalářská práce%
491 \else\ifx\thesis@type\thesis@masters%
      Diplomová práce%
493 \else\ifx\thesis@type\thesis@doctoral%
```

```
Disertační práce%
494
    \else\ifx\thesis@type\thesis@rigorous%
495
      Rigorózní práce%
496
    \else%
497
      <<Neznámý typ práce (\thesis@type)>>%
498
499
    \fi\fi\fi\fi\fi}
500 \gdef\thesis@czech@typeName@akuzativ{%
    \ifx\thesis@type\thesis@bachelors%
      Bakalářskou práci%
502
503 \else\ifx\thesis@type\thesis@masters%
      Diplomovou práci%
504
505
    \else\ifx\thesis@type\thesis@doctoral%
      Disertační práci%
    \else\ifx\thesis@type\thesis@rigorous%
507
      Rigorózní práci%
508
509
    \else%
      <<Neznámý typ práce (\thesis@type)>>%
510
511 \left\{ fi\right\}
```

#### 3.5.3.2 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.

```
512 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/06/26]
513
514% Zástupné texty
515 \gdef\thesis@czech@universityName{Masarykova Univerzita}
516 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
517 \thesis@lower{czech@typeName@akuzativ} zpracoval%
518 \thesis@czech@gender@koncovka\ samostatně a
519 použil\thesis@czech@gender@koncovka\ jen prameny
520 uvedené~v seznamu literatury.}
521
522% Různé
523 \gdef\thesis@czech@idTitle{UČO}
```

### 3.5.3.3 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.

```
524 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
525
526 % Různé
527 \gdef\thesis@czech@abstractTitle{Abstrakt}
528
```

```
529% Zástupné texty
530 \gdef\thesis@czech@facultyName{Právnická fakulta}
531 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
532 univerzity}
```

#### 3.5.3.4 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.

```
533 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
534
535 % Zástupné texty
536 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
537
538 % Různé
539 \gdef\thesis@czech@fieldTitle{Specializace}
```

#### 3.5.3.5 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.

```
540 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
541
542% Zástupné texty
543 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
544 \gdef\thesis@czech@assignment{Místo tohoto listu
545 vložte kopie oficiálního podepsaného zadání práce nebo
546 prohlášení autora školního díla nebo obojí~v závislosti na
547 požadavcích příslušné katedry.}
```

#### 3.5.3.6 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.

```
549 \ensuremath{\,\,}\xspace{2015/06/26]} \\ 550 \ensuremath{\,\,}\xspace{2015/06/26]} \\ 550 \ensuremath{\,\,}\xspace{2015/06/26]} \\ 600 \ensuremath{\,\,}\xspace{2
```

### 3.5.3.7 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.

```
551 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2015/06/26]
552
553 % Různé
554 \gdef\thesis@czech@abstractTitle{Anotace}
555
556 % Zástupné texty
557 \gdef\thesis@czech@facultyName{Lékařská fakulta}
558
559 % Bibliografický záznam
560 \gdef\thesis@czech@bib@title{Bibliografický záznam}
561 \gdef\thesis@czech@bib@pages{str}
```

#### 3.5.3.8 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.

```
562 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
564 % Zástupné texty
565 \gdef\thesis@czech@facultyName{Fakulta informatiky}
566 \gdef\thesis@czech@assignment{Misto tohoto listu
567 vložte kopie oficiálního podepsaného zadání práce a
568 prohlášení autora školního díla.}
569 \gdef\thesis@czech@declaration{%
570 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
    původním autorským dílem, které jsem vypracoval%
    \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
    prameny a literaturu, které jsem při vypracování
574 používal\thesis@czech@gender@koncovka\ nebo z~nich
575 čerpal\thesis@czech@gender@koncovka, v~práci řádně cituji
576 s~uvedením úplného odkazu na příslušný zdroj.}
577
578% Ostatní
579 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
```

#### 3.5.3.9 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.

```
580 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2015/06/26] 581
```

```
582 % Zástupné texty
583 \gdef\thesis@czech@facultyName{Filozofická fakulta}
584 \gdef\thesis@czech@declaration{%
Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
586 vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
587
    uvedené literatury.}
589 % Ostatní
590 \gdef\thesis@czech@typeName{%
591 \ifx\thesis@type\thesis@bachelors%
      Bakalářská diplomová práce%
592
593
   \else\ifx\thesis@type\thesis@masters%
      Magisterská diplomová práce%
    \else\ifx\thesis@type\thesis@doctoral%
      Disertační práce%
596
597 \else%
     <<Neznámý typ práce (\thesis@type)>>%
598
599 \fi\fi\fi}
600 \gdef\thesis@czech@typeName@akuzativ{%
601 \ifx\thesis@type\thesis@bachelors%
      Diplomovou práci%
603 \else\ifx\thesis@type\thesis@masters%
     Diplomovou práci%
604
605 \else\ifx\thesis@type\thesis@doctoral%
606
     Disertační práci%
607
    \else%
     <<Neznámý typ práce (\thesis@type)>>%
    \fi\fi\fi}
```

#### 3.5.3.10 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.

```
610 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2015/06/26]
611
612% Zástupné texty
613 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
614
615% Bibliografický záznam
616 \gdef\thesis@czech@bib@title{Bibliografický záznam}
617 \gdef\thesis@czech@bib@pages{str}
```

#### 3.5.3.11 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.

```
618 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2015/06/26]
620 % Zástupné texty
621 \gdef\thesis@czech@facultyName{Přírodovědecká fakulta}
624 \gdef\thesis@czech@abstractTitle{Abstrakt}
625 \gdef\thesis@czech@declaration{%
626 Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
    akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
    statně s~využitím informačních zdrojů, které jsou v~práci
629
    citovány.}
630
631 % Bibliografický záznam
632 \gdef\thesis@czech@bib@title{Bibliografický záznam}
633 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
634 \gdef\thesis@czech@bib@thesisTitle{Název práce}
635 \gdef\thesis@czech@bib@programme{Studijni program}
636 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
637 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
638 \gdef\thesis@czech@bib@academicYear{Akademický rok}
639 \gdef\thesis@czech@bib@pages{Počet stran}
```

#### 3.5.4 Slovak locale files

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

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

\thesis@slovak@gender@koncovka

The locale file 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 containing the accusative case of the thesis type name.

```
641 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2015/06/26]
642
643 % Pomocná makrá
644 \gdef\thesis@slovak@gender@koncovka{%
645 \ifthesis@woman a\fi}
646
647 % Zástupné texty
648 \gdef\thesis@slovak@universityName{Názov univerzity}
649 \gdef\thesis@slovak@facultyName{Názov fakulty}
650 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
651 oficiálneho podpísaného zadania práce.}
```

```
652 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
653
654 % Rôzne
655 \gdef\thesis@slovak@fieldTitle{Odbor}
656 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
657 \gdef\thesis@slovak@authorTitle{Autor}
658 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
659 \gdef\thesis@slovak@keywordsTitle{Kl'účové slová}
660 \gdef\thesis@slovak@thanksTitle{Podakovanie}
661 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
662 \gdef\thesis@slovak@idTitle{ID}
663 \gdef\thesis@slovak@winter{Jar}
664 \gdef\thesis@slovak@summer{Jeseň}
665 \gdef\thesis@slovak@semester{%
666 \thesis@{slovak@\thesis@season} \thesis@year}
667 \gdef\thesis@slovak@typeName{%
668 \ifx\thesis@type\thesis@bachelors%
                   Bakalárska práca%
669
\verb| | lifx \leq ext| | lifx \leq ex
671
                   Diplomová práca%
            \else\ifx\thesis@type\thesis@doctoral%
672
                   Dizertačná práca%
673
            \else\ifx\thesis@type\thesis@rigorous%
674
                  Rigorózna práca%
675
676
            \else%
677
                   <<Neznámy typ práce (\thesis@type)>>%
            \fi\fi\fi\fi\fi}
679 \gdef\thesis@slovak@typeName@akuzativ{%
680 \ifx\thesis@type\thesis@bachelors%
                   Bakalársku prácu%
681
            \else\ifx\thesis@type\thesis@masters%
682
683
                  Diplomovú prácu%
684
            \else\ifx\thesis@type\thesis@doctoral%
685
                   Dizertačnú prácu%
            \else\ifx\thesis@type\thesis@rigorous%
686
                   Rigoróznu prácu%
687
            \else%
688
                   <<Neznámy typ práce (\thesis@type)>>%
689
            \fi\fi\fi\fi\}
```

#### 3.5.4.2 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.

```
691 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/06/26]
692
693 % Zástupné texty
694 \gdef\thesis@slovak@universityName{Masarykova Univerzita}
695 \gdef\thesis@slovak@declaration{%
```

```
696 Prehlašujem, že som predloženú \thesis@lower{%
697 slovak@typeName@akuzativ} vypracoval%
698 \thesis@slovak@gender@koncovka\ samostatne len s~použitím
699 uvedenej literatúry a prameňov.}
700
701 % Rôzne
702 \gdef\thesis@slovak@idTitle{UČO}
```

#### 3.5.4.3 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.

```
703 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
704
705 % Rôzne
706 \gdef\thesis@slovak@abstractTitle{Abstrakt}
707
708 % Zástupné texty
709 \gdef\thesis@slovak@facultyName{Právnická fakulta}
710 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
711 univerzity}
```

### 3.5.4.4 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.

```
712 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
713
714% Zástupné texty
715 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
716
717% Rôzne
718 \gdef\thesis@slovak@fieldTitle{Špecializácie}
```

#### 3.5.4.5 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.

```
719 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
720
721% Zástupné texty
722 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
723 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
```

```
724 oficiálneho podpísaného zadania práce alebo prehlásenie autora
725 školského diela alebo obidve~v závislosti na požiadavkách
726 príslušnej katedry.}
```

#### 3.5.4.6 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.

```
727 \ProvidesFile{fithesis/locale/mu/econ/fithesis-slovak.def}[2015/06/26] 728 \gdef\thesis@slovak@facultyName{Ekonomicko-správna fakulta}
```

#### 3.5.4.7 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.

```
729 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]
730
731 % Rôzne
732 \gdef\thesis@slovak@abstractTitle{Anotácie}
733
734 % Zástupné texty
735 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
736
737 % Bibliografický zoznam
738 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
739 \gdef\thesis@slovak@bib@pages{str}
```

#### 3.5.4.8 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.

```
740 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
741
742% Zástupné texty
743 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
744 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
745 oficiálneho podpísaného zadania práce a prehlásenie autora
746 školského diela.}
747 \gdef\thesis@slovak@declaration{%
748 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
```

```
749 pôvodným autorským dielom, ktoré som vypracoval%
750 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
751 pramene a literatúru, ktoré som pri vypracovaní
752 používal\thesis@slovak@gender@koncovka\ alebo z~nich
753 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
754 s~uvedením úplného odkazu na príslušný zdroj.}
755
756 % Rôzne
757 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
```

### 3.5.4.9 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.

```
758 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2015/06/26]
759
760 % Zástupné texty
761 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
762 \gdef\thesis@slovak@declaration{%
    Prehlašujem, že som predloženú \thesis@lower{%
    slovak@typeName@akuzativ} vypracoval%
764
    \thesis@slovak@gender@koncovka\ samostatne na
765
    základe vlastných zistení a len s~použitím
766
    uvedenej literatúry a prameňov.}
768
769 % Rôzne
770 \gdef\thesis@slovak@typeName{%
    772
      Bakalárska diplomová práca%
773
    \else\ifx\thesis@type\thesis@masters%
      Magisterská diplomová práca%
    \else\ifx\thesis@type\thesis@doctoral%
775
      Dizertačná práca%
776
    \else%
777
      <<Neznámy typ práce (\thesis@type)>>%
778
779 \fi\fi\fi}
780 \gdef\thesis@slovak@typeName@akuzativ{%
    \ifx\thesis@type\thesis@bachelors%
781
782
      Diplomovú prácu%
    \else\ifx\thesis@type\thesis@masters%
783
784
      Diplomovú prácu%
785
    \else\ifx\thesis@type\thesis@doctoral%
786
      Dizertačnú prácu%
      <<Neznámý typ práce (\thesis@type)>>%
788
    \fi\fi\fi}
```

### 3.5.4.10 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.

```
790 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]
791
792 % Zástupné texty
793 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
794
795 % Bibliografický zoznam
796 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
797 \gdef\thesis@slovak@bib@pages{str}
```

#### 3.5.4.11 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.

```
798 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
799
800 % Zástupné texty
801 \gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}
```

### 3.6 Style files

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

When creating a new style file, it is advisable to create one self-contained dtx file, which can contain several files to be extracted via the docstrip tool based on the respective ins file. A macro  $file\{\langle filename \rangle\}$  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.

## 3.6.1 Interface

The union of style files loaded via the style file inheritance scheme (see the definition of the \thesis@requireStyle macro in Section 3.2) should globally define at least one of the following macros:

\thesis@preamble

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

 $\t$ 

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

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## 3.6.2 Base style files

### 3.6.2.1 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.

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

#### 3.6.2.2 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.

```
804 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2015/06/27] <math display="inline">805 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

- 10pt, 11pt, 12pt Sets the type size to 10, 11 or 12 points respectively.
- oneside, twoside The document is going to be either single- or doublesided, 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@

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

\ifthesis@palatino@

• palatino, nopalatino – The default roman and math font family is going to be either set to Palatino or left untouched, respectively. The \ifthesis@ palatino@ conditional is set to either true or false, respectively. The Palatino font is a part of the visual identity of the Faculty of Informatics at which the document class was created.

\ifthesis@color@

color, monochrome – Certain typographical elements either are or aren't going to be typeset in color, respectively. The \ifthesis@color@ conditional is set to either true or false, respectively.

\ifthesis@newtable@

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

conditional is set to either true or false, respectively.

The choice of the 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@tables

• lot, nolot — \listoftables either is or isn't going to be included in the \thesis@blocks@tables block, respectively.

\thesis@blocks@tables

 lof, nolof – \listoffigures is or isn't going to be included in the \thesis@ blocks@tables block, respectively.

\thesis@blocks@cover@ \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.

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

These are the default options:

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

The file loads the following packages:

- xcolor Adds support for color manipulation.
- ifxetex Used to detect the X¬T¬EX engine.
- 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.

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

\ifthesis@xeluatex

Using the \ifxetex and \ifluatex conditionals, a compound \ifthesis@xeluatex conditional was constructed. This conditional can be used by subsequently loaded style files to test, whether either the XATEX or the LuaTEX engine is being used.

```
843 {\let\x\expandafter

844 \x\global\x\let\x\ifthesis@xeluatex\csname if%

845 \ifxetex true\else

846 \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%

847 \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%

848 \fi

849 \fi\endcsname}
```

The following packages get only loaded, when the document is being typeset using the X<sub>\text{\text{TE}}</sub>X or LuaT<sub>\text{\text{E}}</sub>X engine:

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

Under XaTeX or LuaTeX, the TeX Gyre Pagella and TeX Gyre Pagella Math are also selected as the main text and math fonts.

```
850 \ifthesis@xeluatex
851 \ifthesis@palatino@
```

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

The following packages get only loaded, when the document is not being typeset using the  $X_{\overline{1}}$  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 TEX 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.

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

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

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

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

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

```
867 \let\thesis@newtable@old\tabular
868 \let\endthesis@newtable@old\endtabular
869 \ifthesis@newtable@\ifthesis@color@
870 \thesis@require{tabularx}
871 \thesis@require{booktabs}
872 % The redefinition of 'tabular'
```

```
\renewenvironment{tabular}%
873
      {\rowcolors{1}{thesis@color@tableOdd}%
874
                     {thesis@color@tableEven}%
875
       \thesis@newtable@old}%
876
      {\endthesis@newtable@old}
877
878
    % The redefinition of 'tabularx'
879
    \let\thesis@newtable@oldx\tabularx
    \let\endthesis@newtable@oldx\endtabularx
880
    \renewenvironment{tabularx}%
881
      {\rowcolors{1}{thesis@color@tableOdd}%
882
                     {thesis@color@tableEven}%
883
       \thesis@newtable@oldx}%
884
885
      {\endthesis@newtable@oldx}
    % Adjust the measurements
    \setlength{\aboverulesep}{0pt}
    \setlength{\belowrulesep}{0pt}
    \setlength{\extrarowheight}{.75ex}
890 \fi\fi
```

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

\thesis@color@setup

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

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

896 \clubpenalty 10000

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 tabular x environments under the name thesis@color@tableOdd.
- 3. {\langle table Even=color\rangle} Stores the color of the even rows of the redefined tabular and tabular environments under the name thesis@color@tableEven.

4. {\langle table Emph=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.

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

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

\thesis@blocks@frontMatter

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

```
908 \def\thesis@blocks@frontMatter{%
909 \thesis@blocks@clear
910 \pagestyle{plain}
911 \parindent 1.5em
912 \setcounter{page}{1}
913 \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.

```
914 \def\thesis@blocks@clear{%
915 \ifthesis@twoside@%
916 \clearpage%
917 \thispagestyle{empty}%
918 \cleardoublepage%
919 \else%
920 \newpage%
921 \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.

```
922 \def\thesis@blocks@clearRight{%
923 \ifthesis@twoside@%
      \clearpage%
924
      \ifodd\value{page}%
925
        \thispagestyle{empty}%
        \hbox{}%
927
928
         \newpage%
929
      \fi%
    \else%
930
931
      \newpage%
    \fi}
932
```

s@blocks@facultyLogo@monochrome

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

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

thesis@blocks@facultyLogo@color

The  $\t \end{array} In the sis@blocks@facultyLogo@color[$\langle options \rangle]$ macro typesets either the <math>\t \end{array} in the sis@logopath logo, if the $\langle ifthesis@color@conditional is false, or the $\langle ifthesis@logopath logo otherwise with the given options passed to $\langle includegraphics.$ 

```
937 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
938   [width=40mm]{{%
939    \edef\@path{\thesis@logopath\thesis@facultyLogo%
940   \ifthesis@color@-color\fi}%
941   \includegraphics[#1]{\@path}}}
```

locks@universityLogo@monochrome

The  $\t \end{array} In acro typesets the $$ \t \end{array} array of the sis@logopath \end{array} on the sis@universityLogo logo with the given options passed to \end{array} on the sis@universityLogo logo with the given options passed to \end{array} on the sis@universityLogo logo with the given options passed to \end{array}.$ 

```
942 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
943  [width=40mm]{{%
944  \edef\@path{\thesis@logopath\thesis@universityLogo}%
945  \includegraphics[#1]{\@path}}}
```

sis@blocks@universityLogo@color

The  $\t \ensuremath{\t}$  thesis@blocks@universityLogo@color[ $\t \ensuremath{\t}$ ] macro typesets either the  $\t \ensuremath{\t}$  thesis@logopath $\t \ensuremath{\t}$  thesis@color@conditional is false, or the  $\t \ensuremath{\t}$  thesis@logopath $\t \ensuremath{\t}$  thesis@universityLogo-color logo otherwise with the given options passed to  $\t \ensuremath{\t}$  includegraphics.

```
946 \newcommand{\thesis@blocks@universityLogo@color}[1]%
947     [width=40mm]{{%
948      \edef\@path{\thesis@logopath\thesis@universityLogo%
949      \ifthesis@color@-color\fi}%
950     \includegraphics[#1]{\@path}}}
```

\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.

```
951 \def\thesis@blocks@cover{%
952 \ifthesis@cover@%
```

```
\thesis@blocks@clear%
953
       \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
954
955
       \begin{alwayssingle}%
956
         \thispagestyle{empty}%
         \begin{center}%
957
958
           \thesis@blocks@cover@header%
           \thesis@blocks@facultyLogo@monochrome\\[0.4in]%
           \let\footnotesize\small%
960
           \let\footnoterule\relax{}%
961
           \thesis@blocks@cover@content%
962
           \par\vfill%
963
           \thesis@blocks@cover@footer%
964
         \end{center}%
965
       \end{alwayssingle}%
966
967
       \ifthesis@twoside@\@twosidetrue\fi % Re-enable twoside
968
```

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.

```
969 \newif\ifthesis@blocks@cover@university@
970 \thesis@blocks@cover@university@true
971 \newif\ifthesis@blocks@cover@faculty@
972 \thesis@blocks@cover@faculty@true
973 \newif\ifthesis@blocks@cover@department@
974 \thesis@blocks@cover@department@false
975 \newif\ifthesis@blocks@cover@field@
976 \thesis@blocks@cover@field@false
977
978 \def\thesis@blocks@cover@header{%
979 {\sc\ifthesis@blocks@cover@university@%
```

```
\thesis@titlePage@LARGE\thesis@@{universityName}\\%
980
     \fi\ifthesis@blocks@cover@faculty@%
981
           \thesis@titlePage@Large\thesis@@{facultyName}\\%
982
     \fi\ifthesis@blocks@cover@department@%
983
           \thesis@titlePage@large\thesis@department\\%
984
985
        \fi}
986
    \ifthesis@blocks@cover@field@%
      {\thesis@titlePage@large\vskip 1em%
987
        {\bf\thesis@@{fieldTitle}:} \thesis@field}%
988
    \fi\vskip 2em}
990 \def\thesis@blocks@cover@content{%
991 {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
    \vskip 0.8in%
    {\thesis@titlePage@large\sc\thesis@@{typeName}}\\[0.3in]%
994 {\thesis@titlePage@Large\bf\thesis@author}}
995 \def\thesis@blocks@cover@footer{%
996 {\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.

```
997 \def\thesis@blocks@titlePage{%
       \thesis@blocks@clear%
999
       \begin{alwayssingle}%
          \thispagestyle{empty}%
1000
1001
          \begin{center}%
            \thesis@blocks@titlePage@header%
1002
            \thesis@blocks@facultyLogo@color\\[0.4in]%
1003
            \let\footnotesize\small%
1004
1005
            \let\footnoterule\relax{}%
            \thesis@blocks@titlePage@content%
1006
            \par\vfill%
1007
            \thesis@blocks@titlePage@footer%
1008
1009
          \end{center}%
       \end{alwayssingle}}
```

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.

- 2. \ifthesis@blocks@titlePage@faculty@ This conditional expression determines, whether the faculty of study is going to be included in the header of the title page. The default value of this conditional is true.
- $3. \ \text{ifthesis@blocks@titlePage@department@} This conditional expression$ 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.

```
1011 \newif\ifthesis@blocks@titlePage@university@
1012 \thesis@blocks@titlePage@university@true
{\tt 1013 \ \ lee} if the sis@blocks@titlePage@faculty@
1014 \thesis@blocks@titlePage@faculty@true
1015 \newif\ifthesis@blocks@titlePage@department@
1016 \thesis@blocks@titlePage@department@false
1017 \newif\ifthesis@blocks@titlePage@field@
1018 \thesis@blocks@titlePage@field@false
1019
1020 \def\thesis@blocks@titlePage@header{%
1021 {\sc\ifthesis@blocks@titlePage@university@%
                                  1022
                  \fi\ifthesis@blocks@titlePage@faculty@%
1023
                                  \thesis@titlePage@Large\thesis@@{facultyName}\\%
1024
1025
                  \fi\ifthesis@blocks@titlePage@department@%
                                 \thesis@titlePage@large\thesis@department\\%
1026
1027
               \ifthesis@blocks@titlePage@field@%
1028
                      {\thesis@titlePage@large\vskip 1em%
1029
1030
                            {\bf\thesis@@{fieldTitle}:} \thesis@field}%
1031 \fi\vskip 2em}
1032 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
{\tt 1033 \ let \ thesis@blocks@titlePage@footer=\ thesis@blocks@cover@footer=\ thesis@cover@footer=\ the
```

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

```
1034 \def\thesis@blocks@tables{%
1035 \thesis@blocks@clear%
1036 \tableofcontents%
1037
     \thesis@blocks@lot%
     \thesis@blocks@lof}
```

\thesis@blocks@declaration

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

1039 \def\thesis@blocks@declaration{%

```
\thesis@blocks@clear%
                            1040
                                 \begin{alwayssingle}%
                            1041
                            1042
                                   \chapter*{\thesis@@{declarationTitle}}%
                                   \thesis@declaration%
                            1043
                                   \vskip 2cm%
                            1044
                            1045
                                   \hfill\thesis@author%
                            1046
                                 \end{alwayssingle}}
    \thesis@blocks@thanks
                            The \thesis@blocks@thanks macro typesets the acknowledgement, if the \thesis@thanks
                            macro is defined. Otherwise, the macro produces no output.
                            1047 \def\thesis@blocks@thanks{%
                                 \ifx\thesis@thanks\undefined\else%
                                   \thesis@blocks@clear%
                            1049
                            1050
                                   \begin{alwayssingle}%
                                     \chapter*{\vspace*{\fill}\thesis@@{thanksTitle}}%
                            1051
                                     \thesis@thanks%
                            1052
                                   \end{alwayssingle}%
                            1053
                            1054
                                 \fi}
                           The \thesis@blocks@abstract macro typesets the abstract.
 \thesis@blocks@abstract
                            1055 \def\thesis@blocks@abstract{%
                                 \begin{alwayssingle}%
                            1057
                                   % Start the new chapter without clearing the right page
                            1058
                                   {\def\cleardoublepage{}
                                   \chapter*{\thesis@@{abstractTitle}}}%
                            1059
                                   \noindent\thesis@abstract%
                            1060
                            1061
                                   \par\vfil\null%
                                 \end{alwayssingle}}
                            The \thesis@blocks@abstractEn macro typesets the abstract in English. If the
\thesis@blocks@abstractEn
                            current locale is English, the macro produces no output.
                            1063 \def\thesis@blocks@abstractEn{%
                                 \ifthesis@english\else%
                            1064
                            1065
                                   {\thesis@selectLocale{english}%
                            1066
                                    \begin{alwayssingle}%
                                     % Start the new chapter without clearing the right page
                            1067
                                     {\def\cleardoublepage{}%
                            1068
                                     \chapter*{\thesis@english@abstractTitle}%
                            1069
                            1070
                                     \thesis@abstractEn}%
                            1071
                                     \par\vfil\null%
                            1072
                                   \end{alwayssingle}}%
                            1073
                                 \fi}
                            The \thesis@blocks@keywords macro typesets the keywords.
 \thesis@blocks@keywords
                            1074 \def\thesis@blocks@keywords{%
                                 \begin{alwayssingle}%
                            1075
                                   % Start the new chapter without clearing the right page
                            1076
                            1077
                                   {\def\cleardoublepage{}%
                                   \chapter*{\thesis@@{keywordsTitle}}%
                            1078
```

```
1079 \noindent\thesis@TeXkeywords}%
1080 \par\vfil\null%
1081 \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.

```
1082 \def\thesis@blocks@keywordsEn{%
     \ifthesis@english\else%
1083
       {\thesis@selectLocale{english}%
1084
       \begin{alwayssingle}%
1085
         % Start the new chapter without clearing the right page
1086
         {\def\cleardoublepage{}%
1087
         \chapter*{\thesis@english@keywordsTitle}%
1088
         \thesis@TeXkeywordsEn}%
1089
1090
         \par\vfil\null%
1091
       \end{alwayssingle}}%
1092 \fi}
```

\thesis@blocks@assignment

The \thesis@blocks@assignment macro either:

- Produces no output, when the first expansion of \thesis@assignmentPDF yields an empty token list or when the \ifthesis@blocks@assignment@conditional is false.
- Typesets a placeholder page to be replaced with the official thesis assignment, when \thesis@assignmentPDF is undefined and the \ifthesis@blocks @assignment@ conditional is true.
- Injects the PDF file(s) specified within the \thesis@assignmentPDF macro,
  when \thesis@assignmentPDF is defined, its first expansion yields a nonempty token list and the \ifthesis@blocks@assignment@ conditional is
  true.

\ifthesis@blocks@assignment@ The default value of the \ifthesis@blocks@assignment@ conditional is true.

```
1093 \newif\ifthesis@blocks@assignment@
1094 \thesis@blocks@assignment@true
1095 \def\thesis@blocks@assignment{%
     \ifthesis@blocks@assignment@%
1096
       \ifx\thesis@assignmentFiles\undefined%
1097
          % Typeset a placeholder page.
1098
          \thesis@blocks@clear%
1099
          \begin{alwayssingle}%
1100
            \thispagestyle{empty}%
1101
            \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1102
            \noindent\textit{\thesis@@{assignment}}%
1103
          \end{alwayssingle}%
1104
       \else%
1105
          {\edef\@pdfList{\thesis@assignmentFiles}%
1106
1107
          \ifx\@pdfList\empty\else
1108
            \let\ea\expandafter
```

```
% Inject the specified PDF documents.
1109
            \def\@inject##1,{\thesis@blocks@clear
1110
              \def\@args{##1}\def\@relax{\relax}%
1111
              \ifx\@args\@relax\else%
1112
                % Trim leading spaces.
1113
1114
                \edef\@trimmed{\romannumeral-'\.##1}%
1115
                \includepdf[pages=-]\@trimmed
1116
                \ea\@inject\fi}%
            \ea\@inject\@pdfList,\relax,%
1117
         \fi}%
1118
       \fi%
1119
1120
     \fi}
```

\thesis@blocks@mainMatter

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

```
1121 \def\thesis@blocks@mainMatter{%
1122 \thesis@blocks@clear
1123 \setcounter{page}{1}
1124 \pagenumbering{arabic}
1125 \pagestyle{thesisheadings}
1126 \parindent 1.5em\relax}
```

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

```
1127% Table of contents will contain sectioning commands up to
1128% \subsubsection
1129 \setcounter{tocdepth}{4}
1131 % Load the 'fithesis-1*.clo' size option
1132 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1134 \def\ps@thesisheadings{%
1135 \def\chaptermark##1{%
1136 \markright{%
1137 \ifnum\c@secnumdepth >\m@ne
1138 \thechapter. \ %
1139 \fi ##1}}
1140 \let\@oddfoot\@empty
1141 \let\@oddhead\@empty
1142 \def\@oddhead{\vbox{\hbox to \textwidth{%
1143 \hfil{\sc\rightmark}}\vskip 4pt\hrule}}
1144 \if@twoside
1145 \def\@evenhead{\vbox{\hbox to \textwidth{%
1146 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1147 \else
1148 \let\@evenhead\@oddhead
```

```
1149\fi
1150 \def\@oddfoot{\hfil\PageFont\thepage}
1151 \if@twoside
1152 \def\@evenfoot{\PageFont\thepage\hfil}%
1153 \else
1154 \let\@evenfoot\@oddfoot
1155 \fi
1156 \let\@mkboth\markboth
1157 }
1158
1159% Redefines the style of the chapter headings
1160 \renewcommand*\chapter{%
1161 \if@twoside
1162 \clearpage
1163 \thispagestyle{empty}
1164 \cleardoublepage
1165 \else
1166 \clearpage
1167∖fi
1168 \thispagestyle{plain}%
1169 \global\@topnum\z@
1170 \@afterindentfalse
1171 \secdef\@chapter\@schapter}
1173% Redefines the style of part headings
1174 \renewcommand*\part{%
1175 \clearpage
1176 \thispagestyle{empty}
1177 \cleardoublepage
1178 \thispagestyle{empty}%
1179 \if@twocolumn%
1180 \onecolumn
1181 \@tempswatrue
1182 \else
1183 \@tempswafalse
1184 \fi
1185 \hbox{}\vfil
1186 \secdef\@part\@spart}
1187
1188 \newif\if@restonecol
1189 \def\alwayssingle{%
1190 \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1191 \def\endalwayssingle{\if@restonecol\twocolumn\fi}
1193 \renewcommand*\l@part[2]{%
1194 \ifnum \c@tocdepth >-2\relax
1195
       \addpenalty{-\@highpenalty}%
       \addvspace{0.5em \@plus\p@}%
1196
1197
       \begingroup
          \setlength\@tempdima{3em}%
1198
```

```
\parindent \z@ \rightskip \@pnumwidth
1199
                            \parfillskip -\@pnumwidth
1200
                            {\leavevmode
1201
                              1202
                              \nobreak
1203
1204
                                     \global\@nobreaktrue
1205
                                    \everypar{\global\@nobreakfalse\everypar{}}%
1206
                      \endgroup
                      \addvspace{0.2em \@plus\p@}%
1207
               \fi}
1208
1209
1210 \renewcommand*\l@chapter[2]{%
            \ifnum \c@tocdepth >\m@ne
                     \addpenalty{-\@highpenalty}%
1212
                     \vskip 1.0em \@plus\p@
1213
                     \setlength\@tempdima{1.5em}%
1214
                     \begingroup
1215
                            \parindent \z@ \rightskip \@pnumwidth
1216
1217
                            \parfillskip -\@pnumwidth
1218
                            \leavevmode \bfseries
                            \advance\leftskip\@tempdima
1219
1220
                            \hskip -\leftskip
                           #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
1221
                           \penalty\@highpenalty
1222
1223
                      \endgroup
1224
               \fi}
1226 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1227 \mbox{ } 
1229 \renewcommand*\l@subsubsection{\@dottedtocline{4}{7.0em}{3.8em}}
```

### 3.6.2.3 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.

```
1230 (*opt)
1231 (*10pt)
1232 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2015/06/23]
1233
1234 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont%
1235 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1236 \belowdisplayskip \abovedisplayskip
1237 \abovedisplayshortskip \z@ plus3\p@
1238 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1239 \let\@listi\@listI}
1240
1241 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
1242 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1243 \belowdisplayskip \abovedisplayskip
```

```
1244 \abovedisplayshortskip \z@ plus2\p@
1245 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1246 \def\@listi{\leftmargin\leftmargini
1247 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1248 \itemsep \parsep}}
1250 \renewcommand{\footnotesize}{\fontsize\@viiipt{9.5}\selectfont%
1251 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1252 \belowdisplayskip \abovedisplayskip
1253 \abovedisplayshortskip \z@ plus\p@
1254 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1255 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1256 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1257 \itemsep \parsep}}
1258
1259 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1261 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1262 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1263 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1264 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1265 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1266
1267 (/10pt)
```

# 3.6.2.4 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.

```
1268 (*11pt)
1269 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2015/06/23]
1271 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont%
1272 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1273 \belowdisplayskip \abovedisplayskip
1274 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1275 %\abovedisplayshortskip \z@ plus3\@p
1276 \let\@listi\@listI}
1277
1278 \mbox{ } 
1279 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1280 \belowdisplayskip \abovedisplayskip
1281 \abovedisplayshortskip \z@ plus3\p@
1282 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1283 \def\@listi{\leftmargin\leftmargini
1284 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1285 \itemsep \parsep}}
1287 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont%
1288 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
```

```
1289 \belowdisplayskip \abovedisplayskip
1290 \abovedisplayshortskip \z@ plus\p@
1291 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1292 \def\@listi{\leftmargin\leftmargini
1293 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1294 \itemsep \parsep}}
1295
1296 \renewcommand{\scriptsize}{\fontsize\@viiipt{9.5pt}\selectfont}
1297 \renewcommand{\\tiny}{\fontsize\@vipt{7pt}\selectfont}
1298 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1299 \renewcommand{\large}{\fontsize\@xiipt{18pt}\selectfont}
1300 \renewcommand{\large}{\fontsize\@xviipt{22pt}\selectfont}
1301 \renewcommand{\huge}{\fontsize\@xxvpt{30pt}\selectfont}
1302 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1303
1304 \/11pt\
```

### 3.6.2.5 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@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.

```
 \begin{array}{l} 1305 \left<^*12pt\right> \\ 1306 \left<^*12pt\right> \\ 1307 \left</12pt\right> \\ 1308 \\ 1309 \left<^*thesis@titlePage@normalsize{\fontsize\exiipt{14.5}\%} \\ 1310 \left<^*thesis@titlePage@normalsize{\fontsize\exiipt{14.5}\%} \\ 1311 \left<^*thesis@titlePage\exiipt\exiipt{14.5}\%} \\ 1311 \left<^*thesis@titlePage\exiipt{14.5}\%} \\ 1311 \left<^*
```

```
1312 \abovedisplayshortskip \z@ plus3\p@
1313 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1314 \let\@listi\@listI}
1316 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
1317 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1318 \belowdisplayskip \abovedisplayskip
1319 \abovedisplayshortskip \z@ plus3\p@
1320 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1321 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1322 \neq 4.5 \neq plus2 \neq minus \neq 0
1323
               \itemsep \parsep
1324
               \topsep 9\p@ plus3\p@ minus5\p@}}
1325
1326 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
1327 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1328 \belowdisplayskip \abovedisplayskip
1329 \abovedisplayshortskip \z@ plus3\p@
1330 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1331 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1332 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1333 \itemsep \parsep}}
1335 \def\thesis@titlePage@scriptsize{\fontsize\@viiipt{9.5pt}\selectfont}
1336 \def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
1337 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1338 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
1339 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1341 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1342
1343 (*12pt)
1344 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1345 \renewcommand{\small}{\thesis@titlePage@small}
1346 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1347 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1348 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1349 \renewcommand{\large}{\thesis@titlePage@large}
1350 \renewcommand{\Large}{\thesis@titlePage@Large}
1351 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1352 \renewcommand{\huge}{\thesis@titlePage@huge}
1353 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1354 (/12pt)
1355 \let\@normalsize\normalsize
1356 \normalsize
1357
1358 \if@twoside
1359
      \oddsidemargin 0.75in
      \evensidemargin 0.4in
1360
      \marginparwidth 0pt
1361
```

```
1362 \else
1363
       \oddsidemargin 0.75in
       \evensidemargin 0.75in
1364
       \marginparwidth 0pt
1365
1366 \fi
1367 \marginparsep 10pt
1369 \topmargin 0.4in
1370
1371 \headheight 20pt
1372 \headsep 10pt
1373 \topskip 10pt
1374 \footskip 30pt
1375
1376 (*10pt)
1377 \textheight = 43\baselineskip
1378 \advance\textheight by \topskip
1379 \textwidth 5.0truein
1380 \columnsep 10pt
1381 \columnseprule 0pt
1383 \footnotesep 6.65pt
1384\skip\footins 9pt plus 4pt minus 2pt
1385 \floatsep 12pt plus 2pt minus 2pt
1386 \textfloatsep 20pt plus 2pt minus 4pt
1387 \intextsep 12pt plus 2pt minus 2pt
1388 \dblfloatsep 12pt plus 2pt minus 2pt
1389 \dbltextfloatsep 20pt plus 2pt minus 4pt
1390
1391 \@fptop Opt plus 1fil
1392 \@fpsep 8pt plus 2fil
1393 \@fpbot Opt plus 1fil
1394 \@dblfptop 0pt plus 1fil
1395 \@dblfpsep 8pt plus 2fil
1396 \@dblfpbot 0pt plus 1fil
1397 \marginparpush 5pt
1398
1399 \parskip Opt plus 1pt
1400 \partopsep 2pt plus 1pt minus 1pt
1402 (/10pt)
1403 %
1404 (*11pt)
1405 \textheight = 39\baselineskip
1406 \advance\textheight by \topskip
1407 \textwidth 5.0truein
1408 \columnsep 10pt
1409 \columnseprule 0pt
1410
1411 \footnotesep 7.7pt
```

```
1412 \skip\footins 10pt plus 4pt minus 2pt
1413 \floatsep 12pt plus 2pt minus 2pt
1414 \textfloatsep 20pt plus 2pt minus 4pt
1415 \intextsep 12pt plus 2pt minus 2pt
1416 \dblfloatsep 12pt plus 2pt minus 2pt
1417 \dbltextfloatsep 20pt plus 2pt minus 4pt
1419 \@fptop Opt plus 1fil
1420 \@fpsep 8pt plus 2fil
1421 \@fpbot 0pt plus 1fil
1422 \@dblfptop 0pt plus 1fil
1423 \@dblfpsep 8pt plus 2fil
1424 \@dblfpbot 0pt plus 1fil
1425 \marginparpush 5pt
1426
1427 \parskip 0pt plus 0pt
1428 \partopsep 3pt plus 1pt minus 2pt
1429
1430 (/11pt)
1431 %
1432 (*12pt)
1433 \textheight = 37\baselineskip
1434 \advance\textheight by \topskip
1435 \textwidth 5.0truein
1436 \columnsep 10pt
1437 \columnseprule 0pt
1439 \footnotesep 8.4pt
1440 \skip\footins 10.8pt plus 4pt minus 2pt
1441 \floatsep 14pt plus 2pt minus 4pt
1442 \textfloatsep 20pt plus 2pt minus 4pt
1443 \intextsep 14pt plus 4pt minus 4pt
1444 \dblfloatsep 14pt plus 2pt minus 4pt
1445 \dbltextfloatsep 20pt plus 2pt minus 4pt
1446
1447 \@fptop 0pt plus 1fil
1448 \@fpsep 10pt plus 2fil
1449 \@fpbot Opt plus 1fil
1450 \@dblfptop 0pt plus 1fil
1451 \@dblfpsep 10pt plus 2fil
1452 \@dblfpbot 0pt plus 1fil
1453 \marginparpush 7pt
1454
1455 \parskip Opt plus Opt
1456 \partopsep 3pt plus 2pt minus 2pt
1457
1458 (/12pt)
1459 \@lowpenalty 51
1460 \@medpenalty 151
1461 \@highpenalty 301
```

```
1462 \@beginparpenalty -\@lowpenalty
1463 \@endparpenalty
                                                                 -\@lowpenalty
1464 \@itempenalty
                                                                  -\@lowpenalty
1465
1466 \def\@makechapterhead#1{%
1467
               {%
1468
                       \setlength\parindent{\z@}%
                       \setlength\parskip {\z@}%
1469
                       \ifnum
1470
                             \c@secnumdepth >\m@ne
1471
                             \par\nobreak
1472
                             1473
1474
                       \fi
1475
                       \Large \ChapFont \thechapter{} \space #1\par
1476
                      \nobreak
                       \vskip 20\p@
1477
1478
                }%
1479 }
1480
1481 \def\@makeschapterhead#1{%
1482
                {%
                       \setlength\parindent{\z@}%
1483
                       \space{2.5cm} 
1484
                       \Large \ChapFont #1\par
1485
                       \nobreak
1486
1487
                      \vskip 20\p@
1488
                }%
1489 }
1490
1491 \def\chapter{%
                   \clearpage
1492
1493
                    \thispagestyle{plain}
1494
                    \global\ensuremath{\mbox{\tt Qtopnum}\sl}
1495
                    \@afterindentfalse
1496
                    \secdef\@chapter\@schapter
1497 }
1498
1499 \def\@chapter[#1]#2{%
1500
              \ifnum \c@secnumdepth
1501
                      >\m@ne
1502
                       \refstepcounter{chapter}%
1503
                      \typeout{\@chapapp\space\thechapter.}%
                       \addcontentsline{toc}{chapter}{\protect
1504
                      \numberline{\thechapter}\bfseries #1}
1505
1506
                \else%
1507
                      \addcontentsline{toc}{chapter}{\bfseries #1}
1508
                \chaptermark{#1}%
1509
                \addtocontents{lof}%
1510
                {\protect\addvspace{4\p@}}
1511
```

```
\addtocontents{lot}%
1512
     {\protect\addvspace{4\p@}}
1513
     \if@twocolumn
1514
       \@topnewpage[\@makechapterhead{#2}]%
1515
1516
     \else
1517
       \@makechapterhead{#2}%
1518
       \@afterheading
1519
     \fi
1520 }
1521
1522 %\def\@schapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]%
1523 %
            \else \@makeschapterhead{#1}%
1524 %
                  \markright{#1}
1525 %
                  \@afterheading\fi}
1526
1527 \cdot \{1}{1}
       -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
1529 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
       minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1531 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
       -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1533 \def\paragraph{\@startsection
       {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font}
1534
       \normalsize\bfseries}}
1535
1536 \def\subparagraph{\@startsection
1537
        {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
        .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1538
1539
1540 \setcounter{secnumdepth}{2}
1541
1542 \def\appendix{\par
1543
    \setcounter{chapter}{0}%
1544
     \setcounter{section}{0}%
1545
     \def\@chapapp{\appendixname}%
     \def\thechapter{\Alph{chapter}}}
1546
1547
1548 \leftmargini 2.5em
1549 \leftmarginii 2.2em
                           % > \labelsep + width of '(m)'
1550 \leftmarginiii 1.87em
                          % > \labelsep + width of 'vii.'
1551 \leftmarginiv 1.7em
                           % > \labelsep + width of 'M.'
1552 \leftmarginv 1em
1553 \leftmarginvi 1em
1554
1555 \leftmargin\leftmargini
1556 \labelsep .5em
1557 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1558
1559 (*10pt)
1560 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1561 \topsep 8\p@ plus2\p@ minus4\p@
```

```
1562 \itemsep 4\p@ plus2\p@ minus\p@}
1563
1564 \let\@listi\@listI
1565 \@listi
1566
1567 \def\@listii{\leftmargin\leftmarginii
1568
       \labelwidth\leftmarginii\advance\labelwidth-\labelsep
       \topsep 4\p@ plus2\p@ minus\p@
1569
1570
       \parsep 2\p@ plus\p@ minus\p@
      \itemsep \parsep}
1571
1572
1573 \def\@listiii{\leftmargin\leftmarginiii
1574
       \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
        \topsep 2\p@ plus\p@ minus\p@
1575
        \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1576
1577
       \itemsep \topsep}
1578
1579 \def\@listiv{\leftmargin\leftmarginiv
         \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1581
1582 \def\@listv{\leftmargin\leftmarginv
1583
         \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1584
1585 \def\@listvi{\leftmargin\leftmarginvi
         \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1586
1587 (/10pt)
1588 %
1589 (*11pt)
1590 \ensuremath{\mbox{def}\ensuremath{\mbox{elistI}{\mbox{leftmargini } parsep 4.5\p@ plus2\p@ minus\p@ }} 
1591 \topsep 9\p0 plus3\p0 minus5\p0
1592 \itemsep 4.5\p@ plus2\p@ minus\p@}
1593
1594 \let\@listi\@listI
1595 \@listi
1596
1597 \def\@listii{\leftmargin\leftmarginii
       \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1598
1599
       \topsep 4.5\p@ plus2\p@ minus\p@
1600
       \parsep 2\p@ plus\p@ minus\p@
      \itemsep \parsep}
1601
1602
1603 \def\@listiii{\leftmargin\leftmarginiii
       \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1604
       \topsep 2\p@ plus\p@ minus\p@
1605
1606
        \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1607
       \itemsep \topsep}
1608
1609 \def\@listiv{\leftmargin\leftmarginiv
1610
         \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1611
```

```
1612 \def\@listv{\leftmargin\leftmarginv
                       \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1613
1614
1615 \def\@listvi{\leftmargin\leftmarginvi
                       \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1617 (/11pt)
1618 %
1619 (*12pt)
1620 \ensuremath{\mbox{\sc 1}620 \ensuremath{\mbox{\sc 1}620 \ensuremath{\mbox{\sc 1}620 \ensuremath{\mbox{\sc 1}620 \ensuremath{\mbox{\sc 1}620 \ensuremath{\mbox{\sc 1}620 \ensuremath{\sc 1}620 \ensuremath{\mbox{\sc 1}620 \ensuremath{\sc 1
1621 \topsep 10\p@ plus4\p@ minus6\p@
1622 \itemsep 5\p@ plus2.5\p@ minus\p@}
1624 \let\@listi\@listI
1625 \@listi
1626
1627 \def\@listii{\leftmargin\leftmarginii
                 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1628
                 \topsep 5\p@ plus2.5\p@ minus\p@
1629
1630
                  \parsep 2.5\p@ plus\p@ minus\p@
1631
                 \itemsep \parsep}
1632
1633 \def\@listiii{\leftmargin\leftmarginiii
                    \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1634
                     \topsep 2.5\p@ plus\p@ minus\p@
1635
1636
                     \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1637
                     \itemsep \topsep}
1638
1639 \def\@listiv{\leftmargin\leftmarginiv
                       \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1640
1641
1642 \def\@listv{\leftmargin\leftmarginv
1643
                       \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1644
1645 \def\@listvi{\leftmargin\leftmarginvi
                       \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1646
1647 (/12pt)
1648 (/opt)
```

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

## 3.6.3.1 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>.

```
1649 \NeedsTeXFormat{LaTeX2e}
1650 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2015/06/27]
```

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

The file defines the color scheme of the respective faculty.

```
1651 \thesis@color@setup{
1652    links={HTML}{FFD451},
1653    tableEmph={HTML}{FFD451},
1654    tableOdd={HTML}{FFF9E5},
1655    tableEven={HTML}{FFECB3}}
```

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

```
1656\ifx\thesis@type\thesis@bachelors\else
1657\ifx\thesis@type\thesis@masters\else
1658 \thesis@blocks@assignment@false
1659\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 macros:

\thesis@advisorSignature

 \thesis@advisorSignature - The label of the advisor signature field typeset in the case of rigorous theses

```
1660 \def\thesis@blocks@titlePage@content{%
                        {\term{ }\term{ }\te
1661
                        {\thesis@titlePage@large\sc\thesis@@{typeName}\\[0.3in]}
                        {\thesis@titlePage@Large\bf\thesis@author}
1663
                        % If this is a rigorous thesis, typeset the name of the
1664
                        % thesis advisor.
1665
                        \ifx\thesis@type\thesis@rigorous%
1666
1667
                               {\thesis@titlePage@large\\[0.3in]
                                      {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
1668
                        \fi}%
1669
1670 \def\thesis@blocks@titlePage@footer{%
                 {\thesis@titlePage@large\thesis@place, \thesis@@{semester}
1672 % If this is a rigorous thesis, create space for the advisor's
                 % signature
1673
                 \ifx\thesis@type\thesis@rigorous%
1674
1675
                        \let\@A\relax\newlength{\@A}
                               \settowidth{\@A}{\thesis@@{advisorSignature}}
1676
                               \left(\A^{\Omega}\right) \
1677
                        \fill\ack {-0.5em}{\operatorname{parbox}{\@A}{}}
1678
1679
                               \centering
1680
                               \rule{\@A}{1pt}\\
                               \thesis@@{advisorSignature}
1681
                        }}
1682
                 \fi}}
1683
```

\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.

```
1684 \def\thesis@blocks@declaration{%
     \thesis@blocks@clear%
1685
     \begin{alwayssingle}%
1686
       \chapter*{\thesis@@{declarationTitle}}%
1687
       \thesis@declaration%
1688
1689
       \vskip 2cm%
1690
       \hfill\thesis@author%
1691
       \par\vfill%
       \textbf{\thesis@@{advisorTitle}:} \thesis@advisor%
1692
       \par\vfil%
1693
     \end{alwayssingle}}
1694
```

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

```
1695 \def\thesis@preamble{%
     \thesis@blocks@cover%
1696
     \thesis@blocks@titlePage%
1697
     \thesis@blocks@frontMatter%
1698
       \thesis@blocks@assignment%
1699
       \thesis@blocks@declaration%
1700
       \thesis@blocks@thanks%
1701
       \thesis@blocks@clearRight%
1702
1703
         \thesis@blocks@abstract%
         \thesis@blocks@keywords%
1704
       \thesis@blocks@tables%
1705
     \thesis@blocks@mainMatter}
1706
```

## 3.6.4 The style files of the Faculty of Science

# 3.6.4.1 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>.

The file defines the color scheme of the respective faculty.

```
1709 \thesis@color@setup{
1710 links={HTML}{20E366},
1711 tableEmph={HTML}{8EDEAA},
1712 tableOdd={HTML}{EDF7F1},
1713 tableEven={HTML}{CCEDD8}}
```

The file freely uses Czech locale strings within the macros.

1714 \thesis@requireLocale{czech}

The file loads the following packages:

• tikz – Used for dimension arithmetic.

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

• geometry – Used for the modifications of the type area dimensions.

```
1715 \thesis@require{tikz}
1716 \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.

1717 \ifx\thesis@type\thesis@bachelors\else
1718 \ifx\thesis@type\thesis@masters\else
1719 \thesis@blocks@assignment@false
1720 \fi\fi

#### \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
- 1722 \begin{alwayssingle}%
- 1723 {% Start the new chapter without clearing the right page
- 1724 {\def\cleardoublepage{}%
- 1725 \chapter\*{\thesis@czech@bib@title}}%
- 1726 % Calculate the width of the columns
- 1728 \bf\thesis@czech@bib@author:}}
- 1730 \bf\thesis@czech@bib@thesisTitle:}}
- 1732 \bf\thesis@czech@bib@programme:}}
- 1733 \let\@D\relax\newlength{\@D}\settowidth{\@D}{{%
- 1734 \bf\thesis@czech@bib@field:}}
- 1735 % Unless this is a rigorous thesis, we will be typesetting the
- 1736 % name of the thesis advisor.
- 1737 \let\@E\relax\newlength{\@E}
- 1738 \ifx\thesis@type\thesis@rigorous%

```
\left( \mathbb{C}_{0}^{0} \right)
1739
1740
           \settowidth{\@E}{{\bf\thesis@czech@bib@advisor:}}
1741
         \fi%
1742
       \left( \F\right) = \left( \F\right) 
1743
1744
         \bf\thesis@czech@bib@academicYear:}}
1745
       \left( \G\right) \simeq \left( \G\right) \
         \bf\thesis@czech@bib@pages:}}
1746
       \left(\H\right)\
1747
         \bf\thesis@czech@bib@keywords:}}
1748
       \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1749
1750
       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1751
         max(\@A, \@B, \@C, \@D, \@E, \@F, \@G, \@H)
       1752
         \textwidth-\@left-\@skip}
1753
       % Typeset the table
1754
       \renewcommand{\arraystretch}{2}
1755
       \noindent\begin{thesis@newtable@old}%
1756
1757
         {@{}p{\@left}@{\hskip\@skip}p{\@right}@{}}
1758
         \textbf{\thesis@czech@bib@author:} &
1759
           \noindent\parbox[t]{\@right}{
             \thesis@author\\
1760
             \thesis@czech@facultyName,
1761
             \thesis@czech@universityName\\
1762
1763
             \thesis@department
           }\\
1764
         \textbf{\thesis@czech@bib@thesisTitle:}
1765
1766
           & \thesis@title \\
         \textbf{\thesis@czech@bib@programme:}
1767
           & \thesis@programme \\
1768
         \textbf{\thesis@czech@bib@field:}
1769
1770
           & \thesis@field \\
1771
         % Unless this is a rigorous thesis, typeset the name of the
1772
         % thesis advisor.
         \ifx\thesis@type\thesis@rigorous\else%
1773
1774
           \textbf{\thesis@czech@bib@advisor:}
             & \thesis@advisor \\
1775
         \fi
1776
1777
         \textbf{\thesis@czech@bib@academicYear:}
           & \thesis@academicYear \\
1778
1779
         \textbf{\thesis@czech@bib@pages:}
1780
           & \thesis@pages \\
         \textbf{\thesis@czech@bib@keywords:}
1781
           & \thesis@TeXkeywords \\
1782
1783
       \end{thesis@newtable@old}}
     \end{alwayssingle}}
```

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

> 1785 \def\thesis@blocks@bibEntryEn{% {\thesis@selectLocale{english} 1786 \begin{alwayssingle} 1787 % Start the new chapter without clearing the right page 1788 {\def\cleardoublepage{}% 1789 \chapter\*{\thesis@english@bib@title}}% 1790 1791 {% Calculate the width of the columns 1792  $\left( \mathbb{A}\right)$ \bf\thesis@english@bib@author:}} 1793 1794 \bf\thesis@english@bib@thesisTitle:}} 1795 1796 \bf\thesis@english@bib@programme:}} 1797  $\left(\D\right)\$ 1798 \bf\thesis@english@bib@field:}} 1799 % Unless this is a rigorous thesis, we will be typesetting 1800 % the name of the thesis advisor. 1801 \let\@E\relax\newlength{\@E} 1802 \ifx\thesis@type\thesis@rigorous% 1803 1804 \setlength{\@E}{0pt}% 1805 \else% \settowidth{\@E}{{\bf\thesis@english@bib@advisor:}} 1806 \fi% 1807  $\left( \F \right) \$ 1808 \bf\thesis@english@bib@academicYear:}} 1809  $\ \left( \G\right) \simeq \G(\G) \$ 1810 \bf\thesis@english@bib@pages:}} 1811 \let\@H\relax\newlength{\@H}\settowidth{\@H}{{% 1812 \bf\thesis@english@bib@keywords:}} 1813 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt} 1814 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{% 1815  $max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)$ } 1816 1817 \let\@right\relax\newlength{\@right}\setlength{\@right}{% 1818 \textwidth-\@left-\@skip}

```
% Typeset the table
1819
       \renewcommand{\arraystretch}{2}
1820
       \noindent\begin{thesis@newtable@old}%
1821
         \{0{p}(\theta)p{\theta}\
1822
            \textbf{\thesis@english@bib@author:} &
1823
1824
              \noindent\parbox[t]{\@right}{
1825
                \thesis@author\\
                \thesis@english@facultyName,
1826
                \thesis@english@universityName\\
1827
                \thesis@departmentEn
1828
             }\\
1829
            \textbf{\thesis@english@bib@thesisTitle:}
1830
             & \thesis@titleEn \\
1831
            \textbf{\thesis@english@bib@programme:}
1832
             & \thesis@programmeEn \\
1833
            \textbf{\thesis@english@bib@field:}
1834
             & \thesis@fieldEn \\
1835
           % Unless this is a rigorous thesis, typeset the name of the
1836
1837
           % thesis advisor.
1838
            \ifx\thesis@type\thesis@rigorous\else%
              \textbf{\thesis@english@bib@advisor:}
1839
                & \thesis@advisor \\
1840
            \fi
1841
            \textbf{\thesis@english@bib@academicYear:}
1842
1843
             & \thesis@academicYear \\
            \textbf{\thesis@english@bib@pages:}
1844
              & \thesis@pages \\
1845
            \textbf{\thesis@english@bib@keywords:}
1846
              & \thesis@TeXkeywordsEn \\
1847
          \end{thesis@newtable@old}}
1848
       \end{alwayssingle}
1849
1850
     }}
```

\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.

```
1851 \def\thesis@blocks@frontMatter{%
1852 \pagestyle{empty}
1853 \parindent 1.5em
1854 \setcounter{page}{1}
1855 \pagenumbering{roman}}
```

\thesis@blocks@cover

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

```
1856 \def\thesis@blocks@cover{%
1857 \ifthesis@cover@
1858 \thesis@blocks@clear
1859 \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
1860 \begin{alwayssingle}
1861 \thispagestyle{empty}
```

```
\begin{center}
1862
          {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1863
              \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1864
              \thesis@titlePage@large\thesis@department}
1865
          \vfill
1866
1867
          {\tt \{\bf\thesis@titlePage@Huge\thesis@czech@typeName\}}
1868
          {\thesis@titlePage@large\thesis@place
1869
           \ \thesis@year\hfill\thesis@author}
1870
          \end{center}
1871
        \end{alwayssingle}
1872
        \ifthesis@twoside@\@twosidetrue\fi % Re-enable twoside
1873
1874
```

\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.

```
1875 \def\thesis@blocks@titlePage{%
     \thesis@blocks@clear
1876
     \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
1877
     \begin{alwayssingle}
1878
       \thispagestyle{empty}
1879
1880
       % The top of the page
1881
       \begin{adjustwidth}{-12mm}{}
1882
          \begin{minipage}{30mm}
            \thesis@blocks@universityLogo@color[width=30mm]
1883
         \end{minipage}\begin{minipage}{89mm}
1884
            \begin{center}
1885
              {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1886
                  \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1887
                  \thesis@titlePage@normalsize\thesis@department}
1888
1889
              \rule{\textwidth}{2pt}\vspace*{2mm}
            \end{center}
1890
         \end{minipage}\begin{minipage}{30mm}
1891
            \thesis@blocks@facultyLogo@color[width=30mm]
1892
1893
         \end{minipage}
1894
       \end{adjustwidth}
       % The middle of the page
1895
       \vfill
1896
       {\bf\thesis@titlePage@Huge\thesis@TeXtitle\[0.8em]}
1897
       {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
1898
       {\bf\thesis@titlePage@LARGE\thesis@author}\\
1899
1900
       \vfill\noindent
       % The bottom of the page
1901
       {\bf\thesis@titlePage@normalsize%
1902
         % Unless this is a rigorous thesis, typeset the name of the
1903
1904
         % thesis advisor.
         \ifx\thesis@type\thesis@rigorous\else%
1905
1906
              \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1907
         \fi%
```

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

```
1911 \def\thesis@preamble{%
1912 {\thesis@selectLocale{czech}%
     \thesis@blocks@cover%
1913
1914
     \thesis@blocks@frontMatter%
1915
       \thesis@blocks@titlePage%
       \thesis@blocks@clearRight%
1916
1917
         \thesis@blocks@bibEntry%
         \thesis@blocks@bibEntryEn%
1918
         \thesis@blocks@abstract%
1919
         \thesis@blocks@abstractEn%
1920
1921
       \thesis@blocks@assignment%
       \thesis@blocks@thanks%
1922
       \thesis@blocks@declaration%
1923
1924
       \thesis@blocks@tables}%
1925
    \thesis@blocks@mainMatter}
```

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

### 3.6.5.1 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>.

```
1926 \NeedsTeXFormat{LaTeX2e}
1927 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/06/27]
```

The file defines the color scheme of the respective faculty.

```
1928 \thesis@color@setup{
1929 links={HTML}{6FCEF2},
1930 tableEmph={HTML}{78CEF0},
1931 tableOdd={HTML}{EBF6FA},
1932 tableEven={HTML}{D0EBF5}}
```

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

```
1933 \thesis@blocks@titlePage@department@true 1934 \thesis@blocks@titlePage@field@true
```

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

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

```
1935 \def\thesis@preamble{%
1936  \thesis@blocks@cover%
1937  \thesis@blocks@titlePage%
1938  \thesis@blocks@frontMatter%
1939   \thesis@blocks@declaration%
1940  \thesis@blocks@thanks%
1941  \thesis@blocks@tables%
1942  \thesis@blocks@mainMatter}
```

## 3.6.6 The style files of the Faculty of Education

### 3.6.6.1 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 website of the faculty<sup>4</sup>.

```
1943 \NeedsTeXFormat{LaTeX2e}
1944 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/06/27]
```

The file defines the color scheme of the respective faculty.

```
1945 \thesis@color@setup{
1946    links={HTML}{FFA02F},
1947    tableEmph={HTML}{FFBB6B},
1948    tableOdd={HTML}{FFF1E0},
1949    tableEven={HTML}{FFDEB7}}
```

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

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

```
1958 \def\thesis@blocks@bibEntry{%
1959 \chapter*{\thesis@0{bib@title}}
1960 \noindent\thesis@upper{author@tail}, \thesis@author@head.
```

<sup>&</sup>lt;sup>4</sup>See http://is.muni.cz/do/ped/VPAN/pokdek/Pokyn\_dekana\_c.\_1-2010\_\_2\_.pdf

```
1961 \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
1962 \thesis@@{facultyName}, \thesis@department, \thesis@year.
1963 \thesis@pages\ \thesis@@{bib@pages}.
1964 \thesis@@{advisorTitle}: \thesis@advisor}
```

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

```
1965 \def\thesis@preamble{%
     \thesis@blocks@cover%
1966
     \thesis@blocks@titlePage%
1967
1968 \thesis@blocks@frontMatter%
       \thesis@blocks@bibEntry%
       \thesis@blocks@clearRight%
1970
         \thesis@blocks@abstract%
1971
         \thesis@blocks@abstractEn%
1972
         \thesis@blocks@keywords%
1973
         \thesis@blocks@keywordsEn%
1974
1975
       \thesis@blocks@declaration%
1976
       \thesis@blocks@thanks%
1977
       \thesis@blocks@tables%
     \thesis@blocks@mainMatter}
1978
```

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

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

tableEven={HTML}{C5E3DF}}

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

```
1979 \NeedsTeXFormat{LaTeX2e}
1980 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/06/27]
The file defines the color scheme of the respective faculty.
1981 \thesis@color@setup{
1982 links={HTML}{58EDD7},
1983 tableEmph={HTML}{69D6C6},
1984 tableOdd={HTML}{E3F1EE},
```

\thesis@blocks@frontMatter

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

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

```
1986 \def\thesis@blocks@frontMatter{%
1987 \pagestyle{plain}
1988 \parindent 1.5em
1989 \setcounter{page}{1}
1990 \pagenumbering{roman}}
```

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

```
1991 \def\thesis@preamble{%
1992 \thesis@blocks@cover%
1993 \thesis@blocks@titlePage%
     \thesis@blocks@frontMatter%
       \thesis@blocks@clearRight%
1995
         \thesis@blocks@abstract%
1996
         \thesis@blocks@abstractEn%
1997
         \thesis@blocks@keywords%
1998
         \thesis@blocks@keywordsEn%
1999
2000
       \thesis@blocks@assignment%
2001
       \thesis@blocks@declaration%
       \thesis@blocks@thanks%
2002
       \thesis@blocks@tables%
2003
    \thesis@blocks@mainMatter}
2004
```

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

### 3.6.8.1 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>6</sup>.

```
2005 \NeedsTeXFormat{LaTeX2e} 2006 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/06/27]
```

The file defines the color scheme of the respective faculty.

```
2007 \thesis@color@setup{
2008 links={HTML}{CF86EB},
2009 tableEmph={HTML}{D39BE8},
2010 tableOdd={HTML}{F2EBF5},
2011 tableEven={HTML}{E5CCED}}
```

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 macros:

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

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

```
2014 \thesis@titlePage@large\thesis@department\\vskip 2em}}
2015 \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.

```
2016 \def\thesis@blocks@frontMatter{%
2017 \thesis@blocks@clear
2018 \pagestyle{plain}
2019 \parindent 1.5em
2020 \setcounter{page}{1}
2021 \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.

```
2022 \def\thesis@blocks@mainMatter{%
2023 \thesis@blocks@clear
2024 \pagestyle{thesisheadings}
2025 \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.

```
2026 \def\thesis@preamble{%
2027
    \thesis@blocks@cover%
     \thesis@blocks@titlePage%
2028
     \thesis@blocks@frontMatter%
2029
       \thesis@blocks@declaration%
2030
       \thesis@blocks@clearRight%
2031
         \thesis@blocks@abstract%
2032
2033
         \thesis@blocks@abstractEn%
         \thesis@blocks@keywords%
2035
         \thesis@blocks@keywordsEn%
2036
       \thesis@blocks@thanks%
2037
       \thesis@blocks@tables%
     \thesis@blocks@mainMatter}
```

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

```
2039 \def\thesis@postamble{%
2040 \thesis@blocks@assignment}
```

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

## 3.6.9.1 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>7</sup>.

```
2041 \NeedsTeXFormat{LaTeX2e}
2042 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2015/06/27]
```

The file defines the color scheme of the respective faculty.

```
2043 \thesis@color@setup{
2044 links={HTML}{E68935},
2045 tableEmph={HTML}{E8B88B},
2046 tableOdd={HTML}{F5ECEB},
2047 tableEven={HTML}{EBD8D5}}
```

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.

```
2048 \thesis@require{tikz}
2049 \thesis@require{geometry}
2050 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

\thesis@blocks@cover

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

```
2051 \def\thesis@blocks@cover{%
2052
     \ifthesis@cover@
2053
       \thesis@blocks@clear
2054
        \begin{alwayssingle}
          \thispagestyle{empty}
2055
2056
          \begin{center}
          {\sc\thesis@titlePage@LARGE\thesis@@{universityName}\\%
2057
              \thesis@titlePage@Large\thesis@@{facultyName}\\}
2058
          \vfill
2059
          {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2060
          \vfill
2061
          {\thesis@titlePage@large\thesis@place
2062
           \ \thesis@year\hfill\thesis@author}
2063
          \end{center}
2064
        \end{alwayssingle}
2065
2066
```

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.

2067 \thesis@blocks@titlePage@field@true

 $<sup>^{7}</sup>$ See http://is.muni.cz/auth/do/econ/predpisy/smernice/prehled/45931363/Smernice2014-9.pdf

```
2068 \def\thesis@blocks@titlePage@content{%
2069 {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
                   \ifthesis@english\else
2070
                            {\clin}\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2071
2072 \fi {\[0.3in]\thesis@titlePage@large\sc\thesis@0{typeName}}}
2073 \def\thesis@blocks@titlePage@footer{%
                   {\thesis@titlePage@large
                             {% Calculate the width of the thesis author and advisor boxes
2075
2076
                                \left( A\right) = A \cdot (A) \cdot (A)
                                         \bf\thesis@@{advisorTitle}:}}
2077
                                \left(\B\right)\right. \
2078
2079
                                \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
                                        \bf\thesis@@{authorTitle}:}}
2080
                                \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2081
2082
                             \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2083
                                    max(\@A,\@B)}
                            2084
                                   max(\@C,\@D)}
2085
2086
                            % Typeset the thesis author and advisor boxes
2087
                             \vskip 2in\begin{minipage}[t]{\@left}
                                     {\bf\thesis@@{advisorTitle}:}\\\thesis@advisor
2088
                             \end{minipage}\hfill\begin{minipage}[t]{\@right}
2089
                                    {\bf\thesis@@{authorTitle}:}\\thesis@author
2090
                             \end{minipage}}\\[4em]\thesis@place, \thesis@year}}
2091
```

\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.

```
2092 \def\thesis@blocks@frontMatter{%
2093 \thesis@blocks@clear
    % In case of double-sided typesetting, change the geometry
2094
2095 \ifthesis@twoside@
       \newgeometry{top=25mm,bottom=20mm,left=35mm,
2096
2097
         right=15mm, includeheadfoot}
2098 \fi\pagestyle{empty}
     \parindent 1.5em
     \setcounter{page}{1}
2100
     \pagenumbering{arabic}}
2101
```

\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.

```
2102 \def\thesis@blocks@mainMatter{%
     \thesis@blocks@clear
2103
2104
     \pagestyle{thesisheadings}
     \parindent 1.5em\relax}
```

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

```
2106 \def\thesis@blocks@toc{%
2107 \thesis@blocks@clear%
2108 \tableofcontents}
```

#### \thesis@blocks@tables

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

```
2109 \def\thesis@blocks@tables{%
2110 \thesis@blocks@clear%
2111 \thesis@blocks@lot%
2112 \thesis@blocks@lof}
```

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

```
2113 \def\thesis@preamble{%
2114 \thesis@blocks@cover%
2115 \thesis@blocks@frontMatter%
2116
       \thesis@blocks@titlePage%
       \thesis@blocks@assignment%
2117
       \thesis@blocks@clearRight%
2118
         \thesis@blocks@abstract%
2119
         \thesis@blocks@abstractEn%
2120
         \thesis@blocks@keywords%
2121
         \thesis@blocks@keywordsEn%
2122
2123
       \thesis@blocks@declaration%
       \thesis@blocks@thanks%
2124
2125
       \thesis@blocks@toc%
     \thesis@blocks@mainMatter}
```

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

```
2127 \def\thesis@postamble{%
2128 \thesis@blocks@tables}
```

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

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

tableEmph={HTML}{FF9D85},

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

```
2129 \NeedsTeXFormat{LaTeX2e}
2130 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2015/06/27]
The file defines the color scheme of the respective faculty.
2131 \thesis@color@setup{
2132 links={HTML}{F58E76},
```

<sup>&</sup>lt;sup>8</sup>See http://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI\_ZAVERECNE\_PRACE.doc

```
2134 tableOdd={HTML}{FFF5F6},
2135 tableEven={HTML}{FFDEDF}}
```

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.

```
2136 \thesis@require{tikz}
2137 \thesis@require{geometry}
2138 \thesis@require{setspace}
2139 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

\thesis@blocks@cover

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

```
2140 \def\thesis@blocks@cover{%
2141 \ifthesis@cover@
       \thesis@blocks@clear
2142
       \begin{alwayssingle}
2143
         \thispagestyle{empty}
2144
          \begin{center}
2145
          {\sc\thesis@titlePage@LARGE\thesis@@{universityName}\\%
2146
              \thesis@titlePage@Large\thesis@@{facultyName}\\}
2147
2148
          {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2149
          \vfill
2150
2151
          {\thesis@titlePage@large\thesis@place
2152
           \ \thesis@year\hfill\thesis@author}
          \end{center}
2153
2154
       \end{alwayssingle}
     \fi}
2155
```

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.

```
\let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
2165
       \bf\thesis@@{authorTitle}:}}
2166
      2167
      2168
       \bf\thesis@@{fieldTitle}:}}
2169
2170
      2171
     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2172
      max(\@A,\@B)}
     \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2173
      max(\@C,\@D,\@E,\@F)}
2174
     % Typeset the thesis author and advisor boxes
2175
2176
     \vskip 2in\begin{minipage}[t]{\@left}
      {\bf\thesis@@{advisorTitle}:}\\\thesis@advisor
2177
     \end{minipage}\hfill\begin{minipage}[t]{\@right}
2178
      {\bf\thesis@@{authorTitle}:}\\thesis@author
2179
        \[1em]{\bf\thesis@{fieldTitle}:}\
2180
     2181
```

\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.

```
2182 \def\thesis@blocks@frontMatter{%
2183 \thesis@blocks@clear
2184
     % In case of double-sided typesetting, change the geometry
2185
     \ifthesis@twoside@
       \newgeometry{top=25mm,bottom=20mm,left=35mm,
2186
2187
         right=15mm, includeheadfoot}
     \fi\pagestyle{empty}
2188
2189
     \parindent 1.5em
     \setcounter{page}{1}
2190
     \pagenumbering{arabic}}
```

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

```
2192 \def\thesis@blocks@bibEntry{%
2193 \chapter*{\thesis@@{bib@title}}
2194 \noindent\thesis@upper{author@tail}, \thesis@author@head.
2195 \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
2196 \thesis@@{facultyName}, \thesis@department, \thesis@year.
2197 \thesis@pages\ \thesis@@{bib@pages}.
2198 \thesis@@{advisorTitle}: \thesis@advisor}
```

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

```
2199 \def\thesis@preamble{%
2200 \thesis@blocks@cover%
2201
     \thesis@blocks@frontMatter%
2202
       \thesis@blocks@titlePage%
2203
       \onehalfspacing%
2204
     \thesis@blocks@clearRight%
2205
         \thesis@blocks@abstract%
         \thesis@blocks@abstractEn%
2207
         \thesis@blocks@keywords%
2208
         \thesis@blocks@keywordsEn%
2209
       \thesis@blocks@bibEntry%
       \thesis@blocks@declaration%
2210
2211
       \thesis@blocks@thanks%
2212
       \thesis@blocks@tables%
2213 \thesis@blocks@mainMatter}
```

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

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

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

```
2214 \NeedsTeXFormat{LaTeX2e}
2215 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/06/27]
The file defines the color scheme of the respective faculty.

2216 \thesis@color@setup{
2217    links={HTML}{93BCF5},
2218    tableEmph={HTML}{A8BDE3},
2219    tableOdd={HTML}{EBEFF5},
2220    tableEven={HTML}{D1DAEB}}
```

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

2221 \thesis@blocks@titlePage@field@true

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

```
2222 \def\thesis@preamble{%
2223  \thesis@blocks@cover%
2224  \thesis@blocks@titlePage%
2225  \thesis@blocks@frontMatter%
2226   \thesis@blocks@declaration%
2227   \thesis@blocks@thanks%
2228   \thesis@blocks@tables%
2229   \thesis@blocks@mainMatter}
```

 $<sup>^9</sup> See \ http://www.fsps.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc$ 

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\thesis@titlePage@LARGE	\topskip 1373, 1378, 1406, 1434
226, 980, 1022, 1339,	\twocolumn
1351, 1863, 1886, 1899, 2057, 2146	\typeout 1503

V	U	W
V   X   X   X   X   X   X   X   X   X	\undefined 149,341,1048,1097	\widowpenalty 895
\text{Value} \ 925 \ \text{Vabox} \ 1142, 1145 \ \text{Vifil} \ 991, 1061, 1071, \ 1080, 1090, 1185, 1661, 1693, 1952 \ \text{Vifil} \ 963, 1007, 1691, 1866, 1868, \ 1896, 1900, 2059, 2061, 2148, 2150 \ 989, 992, 1029, 1031, 1044, 1143, \ 1146, 1213, 1473, 1477, 1487, \ 1661, 1689, 1952, 2014, 2087, 2176 \ \text{Vapace} \ 1051, 1889 \end{array} \ 175 \ \text{V0.0a} \ \text{General: bachelor project of Daniel Marek under supervision of Petr Sojka \ 175 \ \text{V0.10} \ \text{General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing \ 175 \ \text{V0.11} \ \text{General: new release, documentation changes (CZ only, sorry) [PS] 175 \ \text{V0.12} \ \text{General: change of default size (11pt→12pt) [JP] \ 175 \ \text{V0.12} \ \text{General: change of default size (11pt→12pt) [JP] \ 175 \ \text{V0.12} \ \text{General: default values of \ \ \frac{1}{1} Feacultyname and \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\uppercase	\write 279
\text{Value} \ 925 \ \text{Vabox} \ 1142, 1145 \ \text{Vifil} \ 991, 1061, 1071, \ 1080, 1090, 1185, 1661, 1693, 1952 \ \text{Vifil} \ 963, 1007, 1691, 1866, 1868, \ 1896, 1900, 2059, 2061, 2148, 2150 \ 989, 992, 1029, 1031, 1044, 1143, \ 1146, 1213, 1473, 1477, 1487, \ 1661, 1689, 1952, 2014, 2087, 2176 \ \text{Vapace} \ 1051, 1889 \end{array} \ 175 \ \text{V0.0a} \ \text{General: bachelor project of Daniel Marek under supervision of Petr Sojka \ 175 \ \text{V0.10} \ \text{General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing \ 175 \ \text{V0.11} \ \text{General: new release, documentation changes (CZ only, sorry) [PS] 175 \ \text{V0.12} \ \text{General: change of default size (11pt→12pt) [JP] \ 175 \ \text{V0.12} \ \text{General: change of default size (11pt→12pt) [JP] \ 175 \ \text{V0.12} \ \text{General: default values of \ \ \frac{1}{1} Feacultyname and \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	Y
\text{Vobox} \tag{1142, 1145} \text{Vri11} \tag{191, 1061, 1071, 1080, 1090, 1185, 1661, 1693, 1952} \text{Vri11} \tag{1080, 1090, 1185, 1661, 1693, 1952} \text{Vri11} \tag{2} \text{Vskip} \tag{190, 2059, 2061, 2148, 2150} \text{Z} \text{Vskip} \tag{889, 992, 1029, 1031, 1044, 1143, 1146, 1213, 1473, 1477, 1487, 1661, 1689, 1952, 2014, 2087, 2176} \text{Vvspace} \tag{1061, 1689, 1952, 2014, 2087, 2176} \text{Vspace} \tag{1051, 1889} \text{V0.16} \text{General: bachelor project of Daniel Marek under supervision of Petr Sojka \tag{1051, 175} \text{Vo.10} \text{General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing \tag{1072, 175} \text{Vo.11} \text{General: change of default size (12pt→11pt) [JP] \tag{175} \text{Vo.2.00} \text{General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP] \tag{175} \text{Vo.2.01} \text{General: add subsubsection to toc [JP] \text{ 175} \text{Vo.2.02} \text{General: fix title spacing [PS, JP] \tag{175} \text{Vo.2.03} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.04} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.04} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.04} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.04} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.04} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.04} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.06} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.06} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.06} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.06} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.06} \text{General: fix SK declaration [Peter Cerensky, JP] \tag{175} \text{Vo.2.06} General: fix SK declaration [Peter Cerensky, J	\value 925	
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Marek under supervision of Petr Sojka		
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allow fithesis being backend of docbook based system for thesis writing	v0.0a	
docbook based system for thesis writing		v0.1g
writing		
V0.1 General: new release, documentation editing (CZ only, sorry) [PS] 175  V0.1a General: minor documentation changes (CZ only, sorry) [PS] . 175  V0.1b General: change of default size (11pt→12pt) [JP]		
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tion editing (CZ only, sorry) [PS] 175   v0.1a   General: minor documentation changes (CZ only, sorry) [PS] . 175   v0.1b   General: change of default size (11pt $\rightarrow$ 12pt) [JP] 175   v0.1c   General: default values of \facultyname and \facultynam		
v0.1a v0.2.01  General: minor documentation changes (CZ only, sorry) [PS] . 175 v0.1b		
changes (CZ only, sorry) [PS] . 175   v0.1b   General: change of default size $(11pt\rightarrow 12pt)$ [JP] 175   v0.2.03   General: default values of $(12pt\rightarrow 12pt)$ [JP]	v0.1a	
v0.1b v0.2.02  General: change of default size (11pt→12pt) [JP]	General: minor documentation	General: add subsubsection to toc
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$(11 \text{pt} \rightarrow 12 \text{pt}) \text{ [JP]} \dots \dots 175  \text{v0.2.03}$ $\text{V0.1c} \qquad \qquad \text{General: fix title spacing [PS, JP]} \dots 175$ $\text{General: default values of }  \text{v0.2.04}$ $\text{General: fix SK declaration [Peter }  \text{(ethesis subtitle set for back-}  \text{Cerensky, JP]} \dots 175$	v0.1b	v0.2.02
v0.1c General: fix title spacing [PS, JP] 175  General: default values of \facultyname and \facultyname and \facultyname space for back-  \[ \begin{array}{ll} General: fix title spacing [PS, JP]	General: change of default size	9 9
General: default values of v0.2.04  \facultyname and General: fix SK declaration [Peter \@thesissubtitle set for back- Cerensky, JP]	$(11pt\rightarrow 12pt)$ [JP]	
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\@thesissubtitle set for back- Cerensky, JP] 175		
•		
	ward compatibility) [PS] 175	v0.2.05
	v0.1d	
General: removed def schapter from v0.2.06		9
fit1*.clo [JP]		

v0.2.07	fithesis2.cls, minor doc ed-
General: escape all Czech let-	its, version numbering of .clo
ters [JP] babel is used instead	fixed, switch to utf8 and ensur-
of stupid package czech [JP]	ing that .dtx compiles. Docu-
\MainMatter should be placed	mentation adjusted to the status
after \tablesofcontents [PS] 175	quo, added link to discussion
v0.2.08	forum (backport of v0.2.14) [PS] 175
General: add change of University	v0.3.04
name [JP] 175	General: Import the url package to
v0.2.09	allow for the use of \url within
General: add EN version of Univer-	the documentation. (backport of
sity name [JP] 175	v0.2.15@r13) [VN] 175
v0.2.10	v0.3.05
General: fix EN name of Acknowl-	General: Added support for change
edgement [JP] 175	typesetting. Restructured the
v0.2.11	code to make it more amenable
General: fix missing fi-logo.mf	to literal programming. Added
[JP,PS] 175	support for \CodelineIndex
v0.2.12	typesetting. Added informa-
General: Licence change to the LPPL	tion about the usage of fithe-
[JP]	sis1 and fithesis2 on the FI unix
v0.2.12a	machines. (backport of v0.2.16)
General: fork fithesis2 by Mr. Fil-	[VN]
ipčík and Janoušek; cf. http://	Minor changes throughout the
github.com/liskin/fithesis 175	text, added a link to the the
v0.3.00	fithesis forums [PS] (backport
General: fi logo is no longer special-	of v0.2.15@r14:15) 175
cased (added eps and PDF),	v0.3.06
\thesislogopath added to	General: Added the colorx package
set the logo directory path,	and the base colors for each fac-
\thesiscolor added to enable	ulty. If the color option is spec-
colorful typo elements [VN] . 175	ified, the tabular environment
v0.3.01	gets redefined and uses the fac- ulty colors to color alternating
General: documentation now uses	table rows to improve readabil-
babel and cmap packages. the	ity. The hyperref links in the
entire file was transcoded into	e-version are now likewise col-
utf8, \thesiscolor was re-	ored according to the chosen fac-
placed by color class option,	ulty, in this case regardless of
added PDF metadata stamping	the presence of the color option.
support [VN]	Dropped the support for type-
v0.3.02	setting theses outside MU. [VN] 175
General: PDF metadata stamping	v0.3.07
added for \thesistitle and	General: Replaced the \thesiswoman
\thesisstudent [VN] $\dots$ 175	command with \thesisgender.
v0.3.03	[VN] 175
General: Small fixes (added \relax	v0.3.08
at \MainMatter), generat-	General: Fixed a non-terminated \if
ing both fithesis.cls (obsolete,	condition. [VN] (backport of
loading fithesis2.cls) and	v0.2.18)

Fixed mostly documentation	Removed an extraneous
errors reported at the new	\thesis@blocks@clear block
fithesis discussion forum (-ti,	withing the definition of
eco→econ, implicit twocolumn,	\thesis@blocks@frontMatter
example extended (font setup),	in the fss style file. Added com-
etc.). [PS] (backport of v0.2.17) 175	ments, fixed clubs and wid-
v0.3.09	ows and removed text overflows
General: A complete refactoring of	within the user guides. Ad-
the class. The class was decom-	justed the colors of various style
posed into a base class, locale	files. Removed the trailing dot in
files and style files. [VN] 175	the bibliographic identification
v0.3.10	within the med and ped style
General: Fixed a typo in the tech-	files. Fixed a typo within the
nical documentation. Updated	technical documentation. Fixed
the Advanced usage chapter of the	the twoside alignment of the
user guide. The required pack-	\thesis@blocks@bibEntry and
aged listed in Section 2.2 of the	the \thesis@blocks@bibEntryEn
user guide are now always cor-	blocks within the sci style file.
rect. Adjusted the footer spac-	The \thesis@blocks@assignment
ing in the styles of econ and fi.	block no longer clears a page
Added Advanced usage chapter	when nothing is inserted.
to the user guide. Added the	It is also no longer hard-
description of basic options into	coded to be hidden for rig-
the user guide. Added the table	orous theses. Instead, the
and oldtable options. Added	\ifthesis@blocks@assignment
the type field to the guide for	conditional can be set either by
completeness. [VN] 175	the subsequently loaded style
v0.3.11	files or by the user. So far, only
General: Added hyphenation	the fi and sci style files set the
into the technical documen-	conditional. [VN] 175
tation. Fixed an untermi-	v0.3.14
nated group. Polished the	General: Updated the documenta-
text of the guide. Added the	tion. [VN]
palatino and nopalatino op-	v0.3.15
tions. Stylistic changes to the text of the technical documenta-	General: Renamed \thesis@requireStyle
tion. \thesis@subdir is now	to \thesis@requireWithOptions
robust against relative paths.	and moved the style loader from
Accounted for French spac-	the \thesis@load routine to
ing in the guide. Fixed the	a new \thesis@requireStyle
thesis@english@facultyName	macro to make the semantics
string. Documentation refine-	of \thesis@requireLocale and
ments. [VN] 175	\thesis@requireStyle more
v0.3.12	similar. Changed the basepath,
General: The subsections and sub-	logopath, localepath and
subsections now use the correct	stylepath keys to match the
tocdepth. $[VN]$ 175	lower camelcasing of the rest
v0.3.13	of the keys. Added further de-
General: Fixed an inconsis-	scription regarding the use of
tency in the example code.	the assignment key. [VN] 175

v0.3.16	fithesis.dtx file now gener-
General: Clubs and widows are	ates a VERSION. tex file contain-
now set to be infinitely bad.	ing the version of the package,
The assignment key has weaker,	when it's being typeset. Flat-
but more robust semantics now.	tened the logo/directory struc-
[VN]	ture. [VN] 175
v0.3.17	v0.3.19
General: Changed a forgotten	General: Updated the license.
\thesis@@lower{} invo-	Added the fithesis- pre-
cation in the definition of	fix to locale files. Proof-
\thesis@czech@declaration	read and updated the doc-
for the Faculty of Arts into	umentation. Encapsu-
\thesis@@lower{czech@},	lated the localeInheritance
so that the macro always ex-	and styleInheritance
pands to the correct output re-	setters. Added the
gardless of the current locale.	<pre>\thesis@selectLocale{},</pre>
This is merely a matter of con-	which acts as a replacement
sistency, since the style file of the	<pre>for \def\thesis@locale{},</pre>
Faculty of Arts only uses Czech	which also switches hyphen-
strings within the Czech locale.	ation patterns. The macro
Removed an extraneous com-	definitions inside locale files
ment. Fixed a unit test. Fixed a	are now global to account for
changelog entry. [VN] 175	the fact that it now makes
v0.3.18	sense to include locale files
General: A bulk of changes required	on-site (and therefore possi-
to submit the document class to	bly inside a group) using the
CTAN: Changed the structure of	\thesis@selectLocale. The
the output fithesis3.ctan.zip	class files are now generated
archive. Updated the license	using the XeTeX engine, which
notice. Added a README file.	preserves the characters outside
Canonicalized a url within the	ASCII 175
user guides. Renamed the	v0.3.20
root directory from fithesis3/	General: Removed an extraneous
to fithesis/. Refactored	\hypersetup option to eliminate
the makefiles. Added devel-	a warning. Performed several
oper example files. Renamed	minor Makefile updates. Up-
docstrip.cfg to LICENSE.tex	dated the technical documenta-
to better describe its role. The	
to better describe its role. The	tion