

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

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## Abstract

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

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## 1 Required classes and packages

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

```

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

```

The class also requires the following packages:

- keyval – Adds support for parsing comma-delimited lists of key-value pairs.
- etoolbox – Adds support for expanding code after the preamble using the \AtPreamble hook.
- ltxcmds – Implements several commands from the L<sup>A</sup>T<sub>E</sub>X kernel. Used for the \ltx@ifpackageloaded command, which – unlike its \ifpackageloaded counterpart – can be used outside the preamble.
- ifxetex – Used to detect the X<sub>E</sub>T<sub>E</sub>X engine.
- ifluatex – Used to detect the Lu<sub>A</sub>T<sub>E</sub>X engine.
- inputenc – Used to enable the input UTF-8 encoding. This package does not get loaded under the X<sub>E</sub>T<sub>E</sub>X and Lu<sub>A</sub>T<sub>E</sub>X engines.

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

```

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

```

## 2 Public API

### 2.1 Options

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

The class options specify the *form* of the document.

### 2.2 The `\thesissetup` macro

`\thesissetup` The main public macro is the `\thesissetup{<keyvals>}` command, where *keyvals* is a comma-delimited list of *key=value* pairs as defined by the `keyval` package. This macro needs to be included prior to the beginning of a L<sup>A</sup>T<sub>E</sub>X document. When the macro is expanded, the *key=value* pairs are processed.

Contrary to the class options, the *key=value* pairs of the `\thesissetup` macro specify metainformation about the document.

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

#### 2.2.1 The `basePath` key

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

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

`\thesis@logopath` **2.2.2 The `logoPath` key**

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

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

\thesis@stylepath **2.2.3 The stylePath key**

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

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

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

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

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

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

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

```

57          \fi
58          \fi
59      \else
60          \if#2%      ./<path> -> ./<path>/
61          ./#3#4%
62      \else
63          \thesis@basepath#1#2#3#4%
64      \fi
65      \fi
66      \fi
67      \else
68          \thesis@basepath#1#2#3#4%
69      \fi
70  \fi
71 \fi}

```

\thesis@def The \thesis@def[⟨key⟩]{⟨name⟩} macro defines the \thesis@name macro to expand to either «key», if specified, or to «name». The macro serves to provide placeholder strings for macros with no default value.

```

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

```

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

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

```

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

```

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

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

```

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

```

```
\thesis@author 2.2.7 The author key
The {<author=name>} pair sets the author's full name to name. The name is parsed
using the \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.

\author The standard LATEX \author macro also sets this key.
97 \def\thesis@parseAuthor#1{%
98   \def\thesis@author{\#1}%
99   \def\thesis@author@head{\expandafter\expandafter\expandafter
100     \gobble\thesis@head\#1 \relax}%
101   \def\thesis@author@tail{\thesis@tail\#1 \relax}%
102 \thesis@def{author}%
103 \thesis@def[author]{author@head}%
104 \thesis@def[author]{author@tail}%
105 \define@key{thesis}{author}{%
106   \thesis@parseAuthor{\#1}%
107 \let\author\thesis@parseAuthor}
```

### \thesis@id 2.2.8 The id key

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

```
98 \thesis@def{id}%
99 \define@key{thesis}{id}{%
100 \def\thesis@id{\#1}}
```

### \thesis@type 2.2.9 The type key

The {<type=*type*>} pair sets the type of the thesis to *type*. The following types of theses are recognized:

The thesis type	The value of <i>type</i>
Seminar paper	sem
Bachelor's thesis	bc
Master's thesis	mgr
Thesis proposal	prop
Doctoral thesis	d
Rigorous thesis	r

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

```

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

```

#### \thesis@university 2.2.10 The university key

The {\<university=*identifier*} 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.

```

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

```

#### \thesis@faculty 2.2.11 The faculty key

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

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

```
113 \def\thesis@faculty{fi}
```

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

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

The  $\langle \text{department}=\text{name} \rangle$  pair sets the name of the department, at which the thesis is being written, to *name*. Unlike the university and faculty identifiers, fithesis3 does not prescribe the format of the *name*; the style files may internally parse it, or typeset it as-is. The *name* is stored within the \thesis@department macro.

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

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

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

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

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

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

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

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

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

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

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

The `{<field=name>}` pair sets the name of the author's field of study to *name*. Unlike the university and faculty identifiers, the *name* of the field of study is only used for typesetting and it should therefore be specified in plain language with optional TeX macros. The *name* is stored within the \thesis@field macro.

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

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

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

```
131 \thesis@def{fieldEn}
132 \define@key{thesis}{fieldEn}{%
133   \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.

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

\thesis@facultyLogo **2.2.19 The facultyLogo key**

The `{<facultyLogo=filename}` pair sets the filename of the logo file to be used 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.

```
137 \def\thesis@facultyLogo{fithesis-\thesis@faculty}
138 \define@key{thesis}{facultyLogo}{%
139   \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 2.4).

```
140 \def\thesis@style{\thesis@university/fithesis-\thesis@faculty}
141 \define@key{thesis}{style}{%
142   \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 3.1) and can be tested using the \ifthesis@style@inheritance ... \else ... \fi conditional. Inheritance is enabled for style files by default.

```
143 \newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
144 \define@key{thesis}{styleInheritance}[true]{%
145   \begingroup
146   \def\@true{\true}%
147   \def\@arg{\#1}%
148   \ifx\@true\@arg
149     \endgroup\thesis@style@inheritancetrue
150   \else
151     \endgroup\thesis@style@inheritancefalse
152   \fi}
```

\thesis@locale **2.2.22 The locale key**

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

```
153 \def\thesis@locale{%
154   % Babel / polyglossia detection
155   \ifx\languagename\undefined
156   english\else\languagename\fi}
157 \define@key{thesis}{locale}{%
158   \def\thesis@locale{\#1}}
```

\ifthesis@english The English locale is special. Several parts of the document will typically be typeset in both the current locale and English. However, if the current locale is English, this would result in duplicity. To avoid this, the \ifthesis@english ... \else

... \fi conditional is made available for testing, whether or not the current locale is English.

```

159 \def\ifthesis@english{%
160   \expandafter\def\expandafter@\english\expandafter{\string
161   \english}%
162   \expandafter\expandafter\expandafter\def\expandafter
163   \expandafter\expandafter@\locale\expandafter\expandafter
164   \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
165   \expandafter\csname\expandafter i\expandafter f\ifx@\locale
166   \english
167   true%
168   \else
169   false%
170 \fi\endcsname}
```

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

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

```

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

#### **2.2.24 The date key**

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

- \thesis@parseDate
  - \thesis@date – The entire *date*
  - \thesis@year – The YYYY of *date*
  - \thesis@month – The MM of *date*
  - \thesis@day – The DD of *date*
- \thesis@season
  - \thesis@season – Expands to either:
    - spring if  $2 < \text{MM} < 9$ ,

- fall if  $MM \leq 2$  or  $MM \geq 9$ .
- `\thesis@seasonYear` – The year of the given semester:
  - $YYYY - 1$  if  $MM \leq 2$ .
  - $YYYY$  if  $MM > 2$
- `\thesis@academicYear` – The academic year of the given semester:
  - $YYYY - 1/YYYY$  if  $MM < 9$ .
  - $YYYY/YYYY + 1$  if  $MM \geq 9$

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

```

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

```

```
216 \define@key{thesis}{date}{{%
217   \edef\@date{\#1}%
218   \expandafter\thesis@parseDate\@date| }}}
```

\thesis@place **2.2.25 The place key**

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

```
219 \def\thesis@place{Brno}%
220 \define@key{thesis}{place}{{%
221   \def\thesis@place{\#1}}}
```

\thesis@title **2.2.26 The title key**

\title The {*title=title*} pair sets the title of the thesis to *title*. The *title* is stored within the \thesis@title macro. The standard L<sup>A</sup>T<sub>E</sub>X \title macro also sets this key.

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

\maketitle The standard L<sup>A</sup>T<sub>E</sub>X \maketitle macro is defined, but disabled.

```
226 \let\maketitle\relax
```

\thesis@TeXtitle **2.2.27 The TeXtitle key**

The {*TeXtitle=title*} pair sets the T<sub>E</sub>X 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.

```
227 \def\thesis@TeXtitle{\thesis@title}%
228 \define@key{thesis}{TeXtitle}{{%
229   \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.

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

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

The  $\{\langle \text{TeXtitleEn} = \text{title} \rangle\}$  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.

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

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

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

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

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

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

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

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

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

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

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

The  $\{\langle \text{TeXkeywordsEn} = \text{list} \rangle\}$  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.

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

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

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

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

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

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

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

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

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

```
254 \thesis@def{advisor}
255 \define@key{thesis}{advisor}{\def\thesis@advisor{\#1}}
```

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

The {*<thanks=>*} pair sets the acknowledgements text to *text*. The *text* is stored within the \thesis@thanks macro.

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

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

The {*<assignment=>*} 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.

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

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

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

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

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

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

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

The {*autoLayout=bool*} 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.

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

\thesis@pages@preamble The \thesis@pages@preamble macro contains the last page number within the preamble of the document. During the first T<sub>E</sub>X compilation, the macro expands to ??.

```
271 \ifx\thesis@pages@preamble\undefined
272   \def\thesis@pages@preamble{??}\fi
```

\thesis@pages@postamble The \thesis@pages@postamble macro contains the last page number prior to the postamble of the document. During the first T<sub>E</sub>X compilation, the macro expands to ??.

```
273 \ifx\thesis@pages@postamble\undefined
274   \def\thesis@pages@postamble{??}\fi
```

\thesis@preamble  
\thesis@postamble  
\thesis@blocks@preamble  
\thesis@blocks@postamble The \thesis@preamble and \thesis@postamble macros temporarily switch to the hyphenation patterns and the csquotes style of the main locale and typeset the contents of the \thesis@blocks@preamble or \thesis@blocks@postamble macros, respectively; the latter two macros are to be redefined by the loaded style files.

After expanding \thesis@blocks@preamble inside a T<sub>E</sub>X group, the \thesis@preamble macro defines the \thesis@pages@preamble macro, writes the definition to the auxiliary file, and clears the page. After leaving the group, the \thesis@preamble

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

```

275 \def\thesis@preamble{%
276   {\thesis@selectLocale{\thesis@locale}%
277    \thesis@blocks@preamble
278    \gdef\thesis@pages@preamble{\thepage}
279    \write@auxout{\noexpand\gdef\noexpand
280      \thesis@pages@preamble{\thepage}}
281    \clearpage}
282  \thesis@blocks@mainMatter}
283
284 \let\thesis@blocks@preamble\relax
285 \let\thesis@blocks@mainMatter\relax
286 % \end{macro}
287 % Before expanding |\thesis@blocks@postamble| inside a \TeX{}%
288 % group, the |\thesis@postamble| macro defines the
289 % \cs{thesis@pages@postamble} macro, writes the definition to the
290 % auxiliary file, and clears the page.
291 % \changes{v0.3.50}{2018/03/25}{Make writes immediate, so that they
292 % do not get lost when they occur at an empty page. [VN]}
293 % \begin{macrocode}
294 \def\thesis@postamble{%
295   \gdef\thesis@pages@postamble{\thepage}
296   \immediate\write@auxout{\noexpand\gdef\noexpand
297     \thesis@pages@postamble{\thepage}}
298   {\thesis@selectLocale{\thesis@locale}%
299   \thesis@blocks@postamble}}
300
301 \let\thesis@blocks@postamble\relax

```

### 2.2.41 The extra key

The {\langle extra=\{<keyvals>\}\rangle} pair enables the definition of extra data fields, where *keyvals* is a comma-delimited list of *key=value* pairs as defined by the keyval package. For each *key=value* pair, a \thesis@extra@*key* is defined to be *value*. These extra data fields are provided as a unified interface for passing additional data to the style and locale files.

```

302 \def\thesis@extra@KV@prefix{KV@thesis@extra@}
303 \def\thesis@extra@XKV@fams{thesis@extra}
304 \long\def\KV@thesis@extra#1{%

```

Patch the xkeyval package to support unknown keys.

```

305 \long\def\XKV@s@tk@ys##1=##2=##3@nil{%
306   \XKV@g@tkeyname##1=@nil\XKV@tkey
307   \expandafter\KV@sp@def\expandafter\XKV@tkey\expandafter{\XKV@tkey}%
308   \ifx\XKV@tkey\empty
309     \XKV@toks{##2}%
310   \ifcat$\the\XKV@toks$\else
311     \XKV@err{no key specified for value ‘\the\XKV@toks’}%

```

```

312     \fi
313 \else
314   \@expandtwoargs\in@{\,\XKV@tkey,\}{,\XKV@na,\}%
315   \ifin@\else
316     \XKV@knftrue
317     \KV@sp@def\XKV@tempa{##2}%
318     \ifXKV@preset\XKV@s@tk@ys@{##3}\else
319       \ifXKV@p1
320         \XKV@for@eo\XKV@fams\XKV@tfam{%
321           \XKV@makehd\XKV@tfam
322           \XKV@s@tk@ys@{##3}%
323         }%
324       \else
325         \XKV@whilist\XKV@fams\XKV@tfam\ifXKV@knf\fi{%
326           \XKV@makehd\XKV@tfam
327           \XKV@s@tk@ys@{##3}%
328         }%
329       \fi
330     \fi
331   \ifXKV@knf
332     \ifXKV@inpx
333       \ifx\XKV@doxs\relax
334         \ifx\@currext\@clsextension\else
335           \let\CurrentOption\XKV@tkey\@unknownoptionerror
336           \fi
337         \else\XKV@doxs\fi
338       \else
339         \ifXKV@st
340           \XKV@addtolist@o\XKV@rm\CurrentOption
341         \else
342           \ifx\XKV@fams\thesis@extra@\XKV@fams
343             \expandafter\long\expandafter\def\csname%
344               thesis@extra@\XKV@tkey\endcsname{##2}%
345           \else
346             \XKV@err{\‘\XKV@tkey’ undefined in families
347               ‘\XKV@fams’}%
348           \fi
349         \fi
350       \fi
351     \else
352       \ifXKV@inpx\ifx\XKV@testclass\XKV@documentclass
353         \expandafter\XKV@useoption\expandafter{\CurrentOption}%
354       \fi\fi
355     \fi
356   \fi
357 \fi
358 }%
359 \setkeys{thesis@extra}{#1}%
360 \def\KV@prefix{KV@thesis@{}}

```

Patch the `KEYVAL` package to support unknown keys.

```
361 \long\def\KV@split#1=#2=#3\relax{%
362   \KV@sp@def\@tempa{#1}%
363   \ifx\@tempa\empty\else
364     \expandafter\let\expandafter\@tempc
365       \csname KV@prefix\@tempa\endcsname
366     \ifx\@tempc\relax
367       \ifx\KV@prefix\thesis@extra@KV@prefix
368         \KV@sp@def\@tempb{#2}%
369         \expandafter\let\csname thesis@extra@\@tempa\endcsname
370           \@tempb%
371       \else
372         \KV@errx
373           {\@tempa\space undefined}%
374       \fi
375     \else
376       \ifx\@empty#3\empty
377         \KV@default
378       \else
379         \KV@sp@def\@tempb{#2}%
380         \expandafter\@tempc\expandafter{\@tempb}\relax
381       \fi
382     \fi
383   \fi}
```

\thesis@def@extra The `\thesis@def@extra[<definition>]{<name>}` macro defines the `\thesis@extra@name` macro to expand to either *definition*, if specified, or to `\thesis@placeholder@extra@name`, where `\thesis@placeholder@extra@name` is defined to expand to «*extra@name*». If `\thesis@extra@name` has already been defined by the user, `\thesis@def@extra` has no effect.

```
384 \newcommand{\thesis@def@extra}[2][]{%
385   \expandafter\ifx\csname thesis@extra@#2\endcsname\relax
386     \def\thesis@placeholder@extra{<<extra@#2>>}%
387     \expandafter\let\csname thesis@placeholder@extra@#2\endcsname
388       \thesis@placeholder@extra
389     \def\thesis@arg{#1}%
390     \ifx\empty\thesis@arg
391       \expandafter\let\csname thesis@extra@#2\endcsname
392         \thesis@placeholder@extra
393     \else
394       \expandafter\def\csname thesis@extra@#2\endcsname{#1}%
395     \fi
396   \fi}
```

### 2.3 The `\thesislong` macro

\thesislong The public macro `\thesislong{<key>}{<value>}`, can be used as an alternative to the `\thesissetup{<key> = {<value>}}` public macro:

```

397 \long\def\thesislong#1#2{%
398   \csname KV@thesis@#1\endcsname{#2}}

```

This macro is a relict of the time when `\thesissetup` did not accept multi-paragraph input.

## 2.4 The `\thesisload` macro

<code>\thesisload</code>	The <code>\thesisload</code> macro is responsible for preparing the environment for, and consequently loading, the necessary locale and style files. By default, the <code>\thesisload</code> 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 <code>\ifthesis@loaded</code> macro ensures that the expansion is only performed once. For backwards compatibility, the <code>\thesis@load</code> macro can be used to the same effect.
<code>\ifthesis@loaded</code>	
<code>\thesis@load</code>	
	<pre> 399 \newif\ifthesis@loaded\thesis@loadedfalse 400 \BeforeBeginEnvironment{document}{\thesisload} 401 \def\thesis@load{\thesisload} 402 \def\thesisload{% 403   \ifthesis@loaded\else 404     \thesis@loadedtrue 405     \makeatletter </pre>

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

```

406   \ifx\thesis@locale\empty\else
407     \edef\thesis@locale{\thesis@locale}
408     \thesis@requireLocale{\thesis@locale}
409   \fi

```

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

```

410   \ifluatex
411     \ltx@ifpackageloaded[babel]{}{%
412       % See <article.gmane.org/gmane.comp.tex.luatex.user/5680>
413       \RequirePackage[base]{babel}}
414   \fi

```

Fix the value of the `\ifthesis@english` macro.

```

415 \ifthesis@english
416   \expandafter\expandafter\expandafter\let\expandafter\expandafter
417   \csname ifthesis@english\endcsname\csname iftrue\endcsname
418 \else
419   \expandafter\expandafter\expandafter\let\expandafter\expandafter
420   \csname ifthesis@english\endcsname\csname ifffalse\endcsname
421 \fi

```

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

```

422   \ifx\thesis@style\empty\else

```

```

423      \thesis@requireStyle{\thesis@style}
424      \fi

```

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

```

425      \ifx\languagename\empty\else
426          \begingroup
427              \edef@\doclocale{\languagename}%
428              \ifx@\doclocale\thesis@locale
429                  \endgroup
430                  \AtBeginDocument{%
431                      \thesis@selectLocale{\thesis@locale}}%
432              \else
433                  \endgroup
434              \fi
435      \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 2018/03/25 v0.3.50 fithesis3 MU thesis class.

```

436      \thesis@require{hyperref}
437      \hypersetup{
438          unicode=true,
439          pdfencoding=auto,
440          pdftitle=\thesis@title,
441          pdfauthor=\thesis@author,
442          pdfkeywords=\thesis@keywords,
443          pdfcreator=\thesis@version}

```

If autolayout is enabled, the \thesis@preamble and \thesis@postamble macros are scheduled for expansion at the beginning and at the end of the document, respectively. The definition of the \thesis@pages macro is also scheduled to be written to the auxiliary file at the end of the document.

```

444      \ifthesis@auto
445          \AtBeginDocument{\thesis@preamble}
446          \AtEndDocument{%
447              \thesis@postamble
448              \immediate\write\@auxout{%
449                  \noexpand\gdef\noexpand\thesis@pages{\the\page}}}
450      \else

```

```

451      \AtEndDocument{%
452          \immediate\write\@auxout{%
453              \noexpand\gdef\noexpand\thesis@pages{\thepage}}}
454      \fi
455      \makeatother
456  \fi}

```

### 3 Private API

#### 3.1 File manipulation macros

- \thesis@exists The `\thesis@exists{<file>}{<tokens>}` 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.

```

457 \def\thesis@exists#1#2{%
458   \IfFileExists{#1}{#2}{%
459     \ClassWarning{fithesis3}{File #1 doesn't exist}}}

```

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

```

460 \def\thesis@input#1{%
461   \thesis@exists{#1}{\input{#1}}}

```

- \thesis@require The `\thesis@require[<options>]{<package>}` expands to `\RequirePackage[<options>]{<package>}`, if the specified *package* has not yet been loaded.

```

462 \newcommand\thesis@require[2][]{%
463   \@ifpackageloaded{#2}{}{\RequirePackage[#1]{#2}}}

```

- \thesis@requireIfExists The `\thesis@requireIfExists[<options>]{<package>}` expands to `\thesis@require[<options>]{<package>}`, if the specified *package* exists and has not yet been loaded.

```

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

```

- \thesis@requireStyle If inheritance is enabled for style files, then the `\thesis@requireStyle{<style>}` 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 TeX directory structure.

```

466 \def\thesis@requireStyle#1{%
467   \ifthesis@style@inheritance
468     \thesis@requireIfExists{\thesis@stylepath fithesis-base}%
469     \thesis@requireIfExists{\thesis@stylepath\thesis@university}

```

```

470     /fithesis-base}
471   \fi
472 \thesis@requireIfExists{\thesis@stylepath#1}}

```

\thesis@requireLocale If inheritance is enabled for style files, then the `\thesis@requireLocale{<locale>}` macro sequentially loads each of the following locale files, provided they exist:

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

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

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

```

473 \def\thesis@requireLocale#1{%
474   % Ignore redundant requests
475   \expandafter\ifx\csname thesis@#1@required\endcsname\relax
476     \expandafter\def\csname thesis@#1@required\endcsname{}%
477     \@ifpackageloaded{polyglossia}{\setotherlanguage{#1}}{%
478       \thesis@input{\thesis@localepath fithesis-#1.def}%
479       \ifthesis@locale@inheritance
480         \thesis@input{\thesis@localepath\thesis@university/%
481           fithesis-#1.def}%
482         \thesis@input{\thesis@localepath\thesis@university/%
483           \thesis@faculty/fithesis-#1.def}%
484     \fi
485   \fi}

```

## 3.2 String manipulation macros

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

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

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

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



*locale*, switches to the hyphenation patterns of *locale*, and starts using the `\thesis@locale@csquotesStyle` style of the `csquotes` package. The respective locale files and polyglossia locale definitions should be loaded beforehand using the `\thesis@requireLocale` macro.

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

```

516 \def\thesis@selectLocale#1{%
517   \edef\thesis@locale{\#1}%
518   \ltx@ifpackageloaded{csquotes}{%
519     \csq@setstyle{\thesis@@{csquotesStyle}}%
520   }{%
521   \ltx@ifpackageloaded{polyglossia}{%
522     \selectlanguage{\thesis@locale}%
523   }{%
524     \language\csname l@\thesis@locale\endcsname
525   }}}
```

`\thesis@patch` The `\thesis@patch[<versions>][<patch>]` macro expands *patch*, if `\thesis@version@number` (defined at the top of the file `fithesis3.cls`) matches any of the comma-delimited *versions*. This macro enables the simple deployment of version-targeted patches.

```

526 \def\thesis@patch#1#2{%
527   \def\thesis@patch@versions{\#1}%
528   \def\thesis@patch@action{\#2}%
529   \def\thesis@patch@next##1,{%
530     \def\thesis@patch@arg{\#1}%
531     \def\thesis@patch@relax{\relax}%
532     \ifx\thesis@patch@arg\thesis@version@number
533       \def\thesis@patch@next##1\relax,{ }%
534       \expandafter\thesis@patch@action
535       \expandafter\thesis@patch@next
536     \else\ifx\thesis@patch@arg\thesis@patch@relax\else
537       \expandafter\expandafter\expandafter\thesis@patch@next
538     \fi\fi}%
539   \expandafter\expandafter\expandafter\thesis@patch@next
540   \expandafter\thesis@patch@versions\expandafter,\relax,}
```

### 3.4 Locale files

Locale files contain macro definitions for various locales. They live in the `locale/` subtree and they are loaded during the main routine (see Section 2.4).

`\file` When creating a new locale file, it is advisable to create one self-contained `dtx` file, which is then partitioned into locale files via the `docstrip` tool based on the respective `ins` file. A macro `\file{<filename>}` is available for the sectioning 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 `ltxdoc` manuals.

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

### 3.4.1 Interface

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

- `\thesis@locale@csquotesStyle` – The name of the style of the `csquotes` package that matches this locale
- `\thesis@locale@universityName` – The name of the university
- `\thesis@locale@facultyName` – The name of the faculty
- `\thesis@locale@assignment` – The instructions to replace the current page with the official thesis assignment
- `\thesis@locale@declaration` – The thesis declaration text
- `\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 acknowledgements section
- `\thesis@locale@declarationTitle` – The title of the declaration section
- `\thesis@locale@idTitle` – The title of the thesis author's identifier field
- `\thesis@locale@spring` – The name of the spring semester
- `\thesis@locale@fall` – The name of the fall semester
- `\thesis@locale@semester` – The full name of the current semester
- `\thesis@locale@typeName` – The name of the thesis type
- `\thesis@locale@authorSignature` – The label of the author's signature field
- `\thesis@locale@formattedDate` – A formatted date

where `locale` is the name of the locale.

### 3.4.2 English locale files

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

This is the base file of the English locale.

541 \ProvidesFile{fithesis/locale/fithesis-english.def}[2017/09/08]

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

```
542
543 % Placeholders
544 \gdef\thesis@english@universityName{University name}
545 \gdef\thesis@english@facultyName{Faculty name}

546 \gdef\thesis@english@assignment{%
547   This is where a copy of the official signed thesis assignment
548   is located in the printed version of the document.}
549 \gdef\thesis@english@declaration{Declaration text ...}
550
551 % Csquotes style
552 \gdef\thesis@english@csquotesStyle{english}
553
554 % Time strings
555 \gdef\thesis@english@spring{Spring}
556 \gdef\thesis@english@fall{Fall}
557 \gdef\thesis@english@semester{%
558   \thesis@{english@\thesis@season} \thesis@seasonYear}
559 \gdef\thesis@english@formattedDate{%
560   \thesis@day.
561   \newcount\@month\expandafter\@month\thesis@month\relax
562   \ifnum\@month=1%
563     January
564   \else\ifnum\@month=2%
565     February
566   \else\ifnum\@month=3%
567     March
568   \else\ifnum\@month=4%
569     April
570   \else\ifnum\@month=5%
571     May
572   \else\ifnum\@month=6%
573     June
574   \else\ifnum\@month=7%
575     July
576   \else\ifnum\@month=8%
577     August
578   \else\ifnum\@month=9%
579     September
580   \else\ifnum\@month=10%
581     October
582   \else\ifnum\@month=11%
583     November
```

```

584 \else\ifnum\@month=12%
585   December
586 \else
587   <<unknown month (\the\@month)>>
588 \fi\fi\fi\fi\fi\fi
589 \fi\fi\fi\fi\fi\fi
590 \thesis@year}
591
592 % Miscellaneous
593 \gdef\thesis@english@authorSignature{Author's signature}
594 \gdef\thesis@english@fieldTitle{Field of study}
595 \gdef\thesis@english@advisorTitle{Advisor}
596 \gdef\thesis@english@authorTitle{Author}
597 \gdef\thesis@english@abstractTitle{Abstract}
598 \gdef\thesis@english@keywordsTitle{Keywords}

599 \gdef\thesis@english@thanksTitle{Acknowledgements}
600 \gdef\thesis@english@declarationTitle{Declaration}
601 \gdef\thesis@english@idTitle{ID}
602 \gdef\thesis@english@typeName@sempaper{Seminar Paper}
603 \gdef\thesis@english@typeName@bachelors{Bachelor's Thesis}
604 \gdef\thesis@english@typeName@masters{Master's Thesis}
605 \gdef\thesis@english@typeName@proposal{Thesis Proposal}
606 \gdef\thesis@english@typeName@doctoral{Doctoral Thesis}
607 \gdef\thesis@english@typeName@rigorous{Rigorous Thesis}
608 \gdef\thesis@english@typeName{%
609   \ifx\thesis@type\thesis@sempaper
610     \thesis@english@typeName@sempaper
611   \else\ifx\thesis@type\thesis@bachelors
612     \thesis@english@typeName@bachelors
613   \else\ifx\thesis@type\thesis@masters
614     \thesis@english@typeName@masters
615   \else\ifx\thesis@type\thesis@proposal
616     \thesis@english@typeName@proposal
617   \else\ifx\thesis@type\thesis@doctoral
618     \thesis@english@typeName@doctoral
619   \else\ifx\thesis@type\thesis@rigorous
620     \thesis@english@typeName@rigorous
621   \else
622     <<Unknown thesis type (\thesis@type)>>%
623   \fi\fi\fi\fi\fi\fi}

```

### 3.4.2.2 The `locale/mu/fithesis-english.def` file

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

```

624 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2017/07/09]
625 \gdef\thesis@english@universityName{Masaryk University}
626 \gdef\thesis@english@declaration{%

```

```

627 Hereby I declare that this paper is my original authorial work,
628 which I have worked out on my own. All sources, references, and
629 literature used or excerpted during elaboration of this work are
630 properly cited and listed in complete reference to the due source.}
631
632 % Placeholders

633 \gdef\thesis@english@assignment{%
634   \ifthesis@digital@
635   \else
636   \fi}

637 \gdef\thesis@english@assignment{%
638   \ifthesis@blocks@assignment@hideIfDigital@
639   \ifthesis@digital@
640     This is where a copy of the official signed thesis assignment
641     is located in the printed version of the document.
642   \else
643     Replace this page with a copy of the official signed thesis
644     assignment.
645   \fi
646 \else
647   Set the PDF document containing the official signed thesis
648   assignment using the <>assignment>> key.
649 \fi
650
651 % Bibliographic entry
652 \gdef\thesis@english@bib@title{Bibliographic record}
653 \gdef\thesis@english@bib@pages{p}

654 \global\let\thesis@english@bib@author\thesis@english@authorTitle
655 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
656 \gdef\thesis@english@bib@advisor{Supervisor}
657
658 % Miscellaneous
659 \gdef\thesis@english@idTitle{UČO}

```

### 3.4.2.3 The `locale/mu/law/fithesis-english.def` file

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

```

660 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
661 \gdef\thesis@english@facultyName{Faculty of Law}
662 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
663   Masaryk University}

```

#### 3.4.2.4 The `locale/mu/fsp/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.

```
664 \ProvidesFile{fithesis/locale/mu/fsp/fithesis-english.def}[2017/06/02]
665
666 % Placeholders
667 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
668
669 % Miscellaneous
670 \gdef\thesis@english@fieldTitle{Specialization}
```

#### 3.4.2.5 The `locale/mu/fss/fithesis-english.def` file

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

```
671 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2016/05/25]
672
673 % Placeholders
674 \gdef\thesis@english@facultyName{Faculty of Social Studies}
675 \gdef\thesis@english@assignment{%
676   \ifthesis@digital@
677     This is where a copy of the official signed thesis assignment
678     or a copy of the Statement of an Author or both are located
679     in the printed version of the document.
680   \else
681     Replace this page with a copy of the official signed thesis
682     assignment or a copy of the Statement of an Author or both,
683     depending on the requirements of the respective department.
684 }
```

#### 3.4.2.6 The `locale/mu/econ/fithesis-english.def` file

This is the English locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the `facultyName` and `abstractTitle` placeholders with the correct value. The locale file also defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis-econ.sty` style file.

```
685 \ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2017/06/02]
686
687 % Placeholders
688 \gdef\thesis@english@facultyName{Faculty of Economics
689   and Administration}
690
691 % Bibliographic entry
```

```

692 \gdef\thesis@english@bib@department{Department}
693 \gdef\thesis@english@bib@year{Year of Defense}
694
695 % Miscellaneous

696 \gdef\thesis@english@abstractTitle{Annotation}

```

### 3.4.2.7 The `locale/mu/med/fithesis-english.def` file

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

```

697 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2016/03/23]
698
699 % Placeholders
700 \gdef\thesis@english@facultyName{Faculty of Medicine}
701
702 % Miscellaneous
703 \gdef\thesis@english@abstractTitle{Annotation}

```

### 3.4.2.8 The `locale/mu/fi/fithesis-english.def` file

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

```

704 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2016/05/25]
705
706 % Placeholders
707 \gdef\thesis@english@facultyName{Faculty of Informatics}
708 \gdef\thesis@english@assignment{Replace this page with a copy
709   of the official signed thesis assignment and a copy of the
710   Statement of an Author.}
711 \gdef\thesis@english@assignment{%
712   \ifthesis@digital@
713     This is where a copy of the official signed thesis assignment
714     and a copy of the Statement of an Author is located in the
715     printed version of the document.
716   \else
717     Replace this page with a copy of the official signed thesis
718     assignment and a copy of the Statement of an Author.
719   \fi}
720
721 % Others

```

```

722 \gdef\thesis@english@advisorSignature{Signature of Thesis
723   \thesis@english@advisorTitle}
724 \gdef\thesis@english@typeName@proposal{Ph.D. Thesis Proposal}

```

#### **3.4.2.9 The `locale/mu/phil/fithesis-english.def` file**

This is the English locale file specific to the Faculty of Arts at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value. It also defines the `departmentName` string, which is used by the `style/mu/fithesis-phil.sty` style file, when typesetting the names of known departments.

```

725 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2016/03/22]
726 \gdef\thesis@english@facultyName{Faculty of Arts}
727 \gdef\thesis@english@departmentName{%
728   \ifx\thesis@department\thesis@departments@kisk
729     Division of Information and Library Studies%
730   \else
731     <<Unknown department (\thesis@department)>>%
732   \fi}

```

#### **3.4.2.10 The `locale/mu/ped/fithesis-english.def` file**

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

```

733 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2016/03/22]
734
735 % Placeholders
736 \gdef\thesis@english@facultyName{Faculty of Education}

```

#### **3.4.2.11 The `locale/mu/sci/fithesis-english.def` file**

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

```

737 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2017/06/02]
738
739 % Placeholders
740 \gdef\thesis@english@facultyName{Faculty of Science}
741
742 % Miscellaneous
743 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
744
745 % Bibliographic entry
746 \gdef\thesis@english@bib@programme{Degree Programme}

```

```

747 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
748 \gdef\thesis@english@bib@academicYear{Academic Year}
749 \gdef\thesis@english@bib@pages{Number of Pages}
750 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle

```

### 3.4.3 Czech locale files

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

This is the base file of the Czech locale.

```
751 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2017/07/09]
```

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

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

```

752
753 % Pomocná makra
754 \gdef\thesis@czech@gender@koncovka{%
755   \ifthesis@woman a\fi}
756
757 % Csquotes styl
758 \gdef\thesis@czech@csquotesStyle{german}
759
760 % Zástupné texty
761 \gdef\thesis@czech@universityName{Název univerzity}
762 \gdef\thesis@czech@facultyName{Název fakulty}

763 \gdef\thesis@czech@assignment{%
764   Na tomto místě se vtištěné práci nachází oficiální podepsané
765   zadání práce.}
766 \gdef\thesis@czech@declaration{Text prohlášení ...}
767
768 % Časové údaje
769 \gdef\thesis@czech@spring{jaro}
770 \gdef\thesis@czech@fall{podzim}
771 \gdef\thesis@czech@semester{%
772   \thesis@{czech@\thesis@season} \thesis@seasonYear}
773 \gdef\thesis@czech@formattedDate{%
774   \thesis@day.
775   \newcount{@month}\expandafter\@month\thesis@month\relax
776   \ifnum{@month=1%
777     ledna
778   \else\ifnum{@month=2%
779     února
780   \else\ifnum{@month=3%

```

```

781     března
782 \else\ifnum \@month=4%
783     dubna
784 \else\ifnum \@month=5%
785     května
786 \else\ifnum \@month=6%
787     června
788 \else\ifnum \@month=7%
789     července
790 \else\ifnum \@month=8%
791     srpna
792 \else\ifnum \@month=9%
793     září
794 \else\ifnum \@month=10%
795     října
796 \else\ifnum \@month=11%
797     listopadu
798 \else\ifnum \@month=12%
799     prosince
800 \else
801     <<neznámý měsíc (\the\@month)>>
802 \fi\fi\fi\fi\fi\fi
803 \fi\fi\fi\fi\fi\fi
804 \thesis@year}
805
806 % Různé
807 \gdef\thesis@czech@authorSignature{Podpis autora}
808 \gdef\thesis@czech@fieldTitle{Obor}
809 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
810 \gdef\thesis@czech@authorTitle{Autor}
811 \gdef\thesis@czech@abstractTitle{Shrnutí}
812 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
813 \gdef\thesis@czech@thanksTitle{Poděkování}
814 \gdef\thesis@czech@declarationTitle{Prohlášení}
815 \gdef\thesis@czech@idTitle{ID}
816 \gdef\thesis@czech@typeName@sempaper{Seminární práce}
817 \gdef\thesis@czech@typeName@bachelors{Bakalářská práce}
818 \gdef\thesis@czech@typeName@masters{Diplomová práce}
819 \gdef\thesis@czech@typeName@proposal{Teze závěrečné práce}
820 \gdef\thesis@czech@typeName@doctoral{Disertační práce}
821 \gdef\thesis@czech@typeName@rigorous{Rigorózní práce}
822 \gdef\thesis@czech@typeName{%
823     \ifx\thesis@type\thesis@sempaper
824         \thesis@czech@typeName@sempaper
825     \else\ifx\thesis@type\thesis@bachelors
826         \thesis@czech@typeName@bachelors
827     \else\ifx\thesis@type\thesis@masters
828         \thesis@czech@typeName@masters
829     \else\ifx\thesis@type\thesis@proposal
830         \thesis@czech@typeName@proposal

```

```

831 \else\ifx\thesis@type\thesis@doctoral
832   \thesis@czech@typeName@doctoral
833 \else\ifx\thesis@type\thesis@rigorous
834   \thesis@czech@typeName@rigorous
835 \else
836   <<Neznámý typ práce (\thesis@type)>>%
837 \fi\fi\fi\fi\fi\fi}
838 \gdef\thesis@czech@typeName@akuzativ@sempaper{Seminární práci}
839 \gdef\thesis@czech@typeName@akuzativ@bachelors{Bakalářskou práci}
840 \gdef\thesis@czech@typeName@akuzativ@masters{Diplomovou práci}
841 \gdef\thesis@czech@typeName@akuzativ@proposal{Tezi závěrečné práce}
842 \gdef\thesis@czech@typeName@akuzativ@doctoral{Disertační práci}
843 \gdef\thesis@czech@typeName@akuzativ@rigorous{Rigorózní práci}
844 \gdef\thesis@czech@typeName@akuzativ{%
845   \ifx\thesis@type\thesis@sempaper
846     \thesis@czech@typeName@akuzativ@sempaper
847   \else\ifx\thesis@type\thesis@bachelors
848     \thesis@czech@typeName@akuzativ@bachelors
849   \else\ifx\thesis@type\thesis@masters
850     \thesis@czech@typeName@akuzativ@masters
851   \else\ifx\thesis@type\thesis@proposal
852     \thesis@czech@typeName@akuzativ@proposal
853   \else\ifx\thesis@type\thesis@doctoral
854     \thesis@czech@typeName@akuzativ@doctoral
855   \else\ifx\thesis@type\thesis@rigorous
856     \thesis@czech@typeName@akuzativ@rigorous
857   \else
858     <<Neznámý typ práce (\thesis@type)>>%
859   \fi\fi\fi\fi\fi\fi}

```

### 3.4.3.2 The locale/mu/fithesis-czech.def file

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

```

860 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2017/07/09]
861
862 % Zástupné texty
863 \gdef\thesis@czech@universityName{Masarykova univerzita}
864 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
865   \thesis@lower{czech@typeName@akuzativ} zpracoval%
866   \thesis@czech@gender@koncovka\ samostatně a%
867   použil\thesis@czech@gender@koncovka\ jen prameny
868   uvedené v~seznamu literatury.}

869 \gdef\thesis@czech@assignment{%
870   \ifthesis@locks@assignment@hideIfDigital@
871     \ifthesis@digital@
872       Na tomto místě se v~tištěné práci nachází oficiální podepsané
873       zadání práce.

```

```

874     \else
875         Místo tohoto listu vložte kopii oficiálního podepsaného zadání
876         práce.
877     \fi
878 \else
879     Nastavte pomocí klíče <>assignment>> název PDF souboru
880     s oficiálním podepsaným zadáním práce.
881 \fi}
882
883 % Bibliografický záznam
884 \gdef\thesis@czech@bib@title{Bibliografický záznam}
885 \gdef\thesis@czech@bib@pages[str]
886 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
887 \gdef\thesis@czech@bib@thesisTitle{Název práce}
888 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
889
890 % Různé
891 \gdef\thesis@czech@idTitle{UČO}

```

#### 3.4.3.3 The `locale/mu/law/fithesis-czech.def` file

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

```

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

```

#### 3.4.3.4 The `locale/mu/fsps/fithesis-czech.def` file

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

```

901 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2017/05/15]
902
903 % Zástupné texty
904 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
905 \gdef\thesis@czech@declaration{Prohlašuji, že jsem

```

```

906 \thesis@lower{czech@typeName@akuzativ} vypracoval%
907 \thesis@czech@gender@koncovka\ samostatně a~na základě
908 literatury a~pramenů uvedených v~použitých zdrojích.}
909
910 % Různé
911 \gdef\thesis@czech@fieldTitle{Specializace}

```

### 3.4.3.5 The locale/mu/fss/fithesis-czech.def file

This is the Czech locale file specific to the Faculty of Social Studies at the Masaryk University in Brno. It replaces the facultyName and assignment placeholders with the correct values.

```

912 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2016/05/25]
913
914 % Zástupné texty
915 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
916 \gdef\thesis@czech@assignment{%
917   \ifthesis@digital@%
918     Na tomto místě se v~tištěné práci nachází oficiální podepsané
919     zadání práce, prohlášení autora školního díla nebo obojí.
920   \else
921     Místo tohoto listu vložte kopie oficiálního podepsaného zadání
922     práce nebo prohlášení autora školního díla nebo obojí
923     v~závislosti na požadavcích příslušné katedry.
924   \fi}
925

```

### 3.4.3.6 The locale/mu/econ/fithesis-czech.def file

This is the Czech locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the facultyName and abstractTitle placeholders with the correct values. The locale file also redefines the declaration string in accordance with the requirements of the faculty and defines the private macros required by the \thesis@blocks@bibEntry block defined within the style/mu/fithesis-econ.sty style file.

```

926 \ProvidesFile{fithesis/locale/mu/econ/fithesis-czech.def}[2017/07/09]
927
928 % Zástupné texty
929 \gdef\thesis@czech@facultyName{Ekonomicko-správní fakulta}
930
931 % Bibliografický záznam
932 \gdef\thesis@czech@bib@thesisTitleEn{Název práce v angličtině}
933 \gdef\thesis@czech@bib@department{Katedra}
934 \gdef\thesis@czech@bib@year{Rok obhajoby}
935
936 % Různé
937 \gdef\thesis@czech@abstractTitle{Anotace}

```

The following extra data field is defined for declaration string:

- `advisorCsGenitiv` – the advisor's name in genitive following Czech morphology.

```
938 \thesis@def@extra{advisorCsGenitiv}
939 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
940   \thesis@lower{czech@typeName@akuzativ} \thesis@title{} zpracoval%
941   \thesis@czech@gender@koncovka\ samostatně pod vedením
942   \thesis@extra@advisorCsGenitiv\
943   a~uvedl\thesis@czech@gender@koncovka\ v~ní všechny
944   odborné zdroje v~souladu s~právními předpisy, vnitřními
945   předpisy Masarykovy univerzity a~vnitřními akty řízení
946   Masarykovy univerzity a~Ekonomicko-správní fakulty MU.}
```

#### 3.4.3.7 The `locale/mu/med/fithesis-czech.def` file

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

```
947 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2016/03/23]
948
949 % Zástupné texty
950 \gdef\thesis@czech@facultyName{Lékařská fakulta}
951
952 % Různé
953 \gdef\thesis@czech@abstractTitle{Anotace}
```

#### 3.4.3.8 The `locale/mu/fi/fithesis-czech.def` file

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

```
954 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2016/05/25]
955
956 % Zástupné texty
957 \gdef\thesis@czech@facultyName{Fakulta informatiky}
958 \gdef\thesis@czech@assignment{%
959   \ifthesis@digital@
960     Na tomto místě se v~tištěné práci nachází oficiální podepsané
961     zadání práce a prohlášení autora školního díla.
962   \else
963     Místo tohoto listu vložte kopie oficiálního podepsaného zadání
964   \fi
965 }
```

```

964     práce a prohlášení autora školního díla.
965 \fi}
966 \gdef\thesis@czech@declaration{%
967 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
968 původním autorským dilem, které jsem vypracoval%
969 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
970 prameny a~literaturu, které jsem při vypracování
971 používal\thesis@czech@gender@koncovka\ nebo z~nich
972 čerpal\thesis@czech@gender@koncovka, v~práci řádně cituji
973 s~uvedením úplného odkazu na příslušný zdroj.}
974
975 % Ostatní
976 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
977 \gdef\thesis@czech@typeName@proposal{Teze disertační práce}
978 \gdef\thesis@czech@typeName@akuzativ@proposal{Tezi disertační práce}

```

### 3.4.3.9 The `locale/mu/phil/fithesis-czech.def` file

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

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

```

979 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/03/22]
980
981 % Zástupné texty
982 \gdef\thesis@czech@facultyName{Filozofická fakulta}
983 \gdef\thesis@czech@departmentName{%
984   \ifx\thesis@department\thesis@departments@kisk
985     Kabinet informačních studií a knihovnictví%
986   \else
987     <<Neznámé oddělení (\thesis@department)>>%
988   \fi}
989 \gdef\thesis@czech@declaration{%
990   \ifx\thesis@department\thesis@departments@kisk
991     Prohlašuji, že jsem předkládanou práci zpracoval%
992     \thesis@czech@gender@koncovka\ samostatně a~použil%
993     \thesis@czech@gender@koncovka\ jen uvedené prameny a~%
994     literaturu. Současně dávám svolení k~tomu, aby elektronická
995     verze této práce byla zpřístupněna přes informační systém
996     Masarykovy univerzity.%}
997 \else
998   Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
999   vypracoval\thesis@czech@gender@koncovka\ samostatně s~využitím
1000   uvedené literatury.%
1001 \fi}
1002

```

```

1003 % Ostatní
1004 \global\let\thesis@czech@typeName@super
1005   \thesis@czech@typeName
1006 \gdef\thesis@czech@typeName{%
1007   \ifx\thesis@type\thesis@bachelors
1008     Bakalářská diplomová práce%
1009   \else\ifx\thesis@type\thesis@masters
1010     Magisterská diplomová práce%
1011   \else
1012     \thesis@czech@typeName@super
1013   \fi\fi}
1014
1015 \global\let\thesis@czech@typeName@akuzativ@super
1016   \thesis@czech@typeName@akuzativ
1017 \gdef\thesis@czech@typeName@akuzativ{%
1018   \ifx\thesis@type\thesis@bachelors
1019     Diplomovou práci%
1020   \else\ifx\thesis@type\thesis@masters
1021     Diplomovou práci%
1022   \else
1023     \thesis@czech@typeName@akuzativ@super
1024   \fi\fi}

```

#### **3.4.3.10 The `locale/mu/ped/fithesis-czech.def` file**

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

```

1025 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2017/10/28]
1026
1027 % Zástupné texty
1028 \gdef\thesis@czech@facultyName{Pedagogická fakulta}

```

#### **3.4.3.11 The `locale/mu/sci/fithesis-czech.def` file**

This is the Czech locale file specific to the Faculty of Science at the Masaryk University in Brno. It defines the private macros required by the `\thesis@blocks@bibEntryCs` 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.

```

1029 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2017/06/02]
1030
1031 % Zástupné texty
1032 \gdef\thesis@czech@facultyName{Přírodovědecká fakulta}
1033
1034 % Ostatní

```

```

1035 \gdef\thesis@czech@abstractTitle{Abstrakt}
1036 \gdef\thesis@czech@declaration{%
1037   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
1038   akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
1039   statně s~využitím informačních zdrojů, které jsou v~práci
1040   citovány.}
1041
1042 % Bibliografický záznam
1043 \gdef\thesis@czech@bib@programme{Studijní program}
1044 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
1045 \gdef\thesis@czech@bib@academicYear{Akademický rok}
1046 \gdef\thesis@czech@bib@pages{Počet stran}
1047 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle

```

### 3.4.4 Slovak locale files

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

This is the base file of the Slovak locale.

```
1048 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2017/07/09]
```

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

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

```

1049
1050 % Pomocná makrá
1051 \gdef\thesis@slovak@gender@koncovka{%
1052   \ifthesis@woman a\fi}
1053
1054 % Csquotes štýl
1055 \gdef\thesis@slovak@csquotesStyle{german}
1056
1057 % Zástupné texty
1058 \gdef\thesis@slovak@universityName{Názov univerzity}
1059 \gdef\thesis@slovak@facultyName{Názov fakulty}

1060 \gdef\thesis@slovak@assignment{%
1061   Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1062   podpísané zadanie práce.}
1063 \gdef\thesis@slovak@declaration{Text vyhlásenie ...}
1064
1065 % Časové údaje
1066 \gdef\thesis@slovak@spring{jar}
1067 \gdef\thesis@slovak@fall{jeseň}
1068 \gdef\thesis@slovak@semester{%

```

```

1069 \thesis@{slovak@\thesis@season} \thesis@{seasonYear}
1070 \gdef\thesis@slovak@formattedDate{%
1071   \thesis@day.
1072   \newcount\@month\expandafter\@month\thesis@month\relax
1073   \ifnum\@month=1%
1074     januára
1075   \else\ifnum\@month=2%
1076     februára
1077   \else\ifnum\@month=3%
1078     marca
1079   \else\ifnum\@month=4%
1080     apríla
1081   \else\ifnum\@month=5%
1082     mája
1083   \else\ifnum\@month=6%
1084     júna
1085   \else\ifnum\@month=7%
1086     júla
1087   \else\ifnum\@month=8%
1088     augusta
1089   \else\ifnum\@month=9%
1090     septembra
1091   \else\ifnum\@month=10%
1092     októbra
1093   \else\ifnum\@month=11%
1094     novembra
1095   \else\ifnum\@month=12%
1096     decemбра
1097   \else
1098     <<neznámý mesiac (\the\@month)>>
1099   \fi\fi\fi\fi\fi\fi
1100   \fi\fi\fi\fi\fi\fi
1101 \thesis@year}}
1102
1103 % Rôzne
1104 \gdef\thesis@slovak@authorSignature{Podpis autora}
1105 \gdef\thesis@slovak@fieldTitle{Odbor}
1106 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
1107 \gdef\thesis@slovak@authorTitle{Autor}
1108 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
1109 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
1110 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
1111 \gdef\thesis@slovak@declarationTitle{Vyhľásenie}
1112 \gdef\thesis@slovak@idTitle{ID}
1113 \gdef\thesis@slovak@typeName@sempaper{Seminárna práca}
1114 \gdef\thesis@slovak@typeName@bachelors{Bakalárska práca}
1115 \gdef\thesis@slovak@typeName@masters{Diplomová práca}
1116 \gdef\thesis@slovak@typeName@proposal{Tézy záverečnej práce}
1117 \gdef\thesis@slovak@typeName@doctoral{Dizertačná práca}
1118 \gdef\thesis@slovak@typeName@rigorous{Rigorózna práca}

```

```

1119 \gdef\thesis@slovak@typeName{%
1120   \ifx\thesis@type\thesis@sempaper
1121     \thesis@slovak@typeName@sempaper
1122   \else\ifx\thesis@type\thesis@bachelors
1123     \thesis@slovak@typeName@bachelors
1124   \else\ifx\thesis@type\thesis@masters
1125     \thesis@slovak@typeName@masters
1126   \else\ifx\thesis@type\thesis@proposal
1127     \thesis@slovak@typeName@proposal
1128   \else\ifx\thesis@type\thesis@doctoral
1129     \thesis@slovak@typeName@doctoral
1130   \else\ifx\thesis@type\thesis@rigorous
1131     \thesis@slovak@typeName@rigorous
1132   \else
1133     <<Neznámy typ práce (\thesis@type)>>%
1134   \fi\fi\fi\fi\fi\fi}
1135 \gdef\thesis@slovak@typeName@akuzativ@sempaper{Seminárnu prácu}
1136 \gdef\thesis@slovak@typeName@akuzativ@bachelors{Bakalársku prácu}
1137 \gdef\thesis@slovak@typeName@akuzativ@masters{Diplomovú prácu}
1138 \gdef\thesis@slovak@typeName@akuzativ@proposal{Tézy záverečnej práce}
1139 \gdef\thesis@slovak@typeName@akuzativ@doctoral{Dizertačnú prácu}
1140 \gdef\thesis@slovak@typeName@akuzativ@rigorous{Rigoróznu prácu}
1141 \gdef\thesis@slovak@typeName@akuzativ{%
1142   \ifx\thesis@type\thesis@sempaper
1143     \thesis@slovak@typeName@akuzativ@sempaper
1144   \else\ifx\thesis@type\thesis@bachelors
1145     \thesis@slovak@typeName@akuzativ@bachelors
1146   \else\ifx\thesis@type\thesis@masters
1147     \thesis@slovak@typeName@akuzativ@masters
1148   \else\ifx\thesis@type\thesis@proposal
1149     \thesis@slovak@typeName@akuzativ@proposal
1150   \else\ifx\thesis@type\thesis@doctoral
1151     \thesis@slovak@typeName@akuzativ@doctoral
1152   \else\ifx\thesis@type\thesis@rigorous
1153     \thesis@slovak@typeName@akuzativ@rigorous
1154   \else
1155     <<Neznámy typ práce (\thesis@type)>>%
1156   \fi\fi\fi\fi\fi\fi}

```

#### 3.4.4.2 The `locale/mu/fithesis-slovak.def` file

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

```

1157 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2018/02/11]
1158
1159 % Zástupné texty
1160 \gdef\thesis@slovak@universityName{Masarykova univerzita}
1161 \gdef\thesis@slovak@declaration{%

```

```

1162 Vyhlasujem, že som predloženú \thesis@lower{%
1163 slovak@typeName@akuzativ} vypracoval%
1164 \thesis@slovak@gender@koncovka\ samostatne len s~použitím
1165 uvedenej literatúry a prameňov.}

1166 \gdef\thesis@slovak@assignment{%
1167 \ifthesis@blocks@assignment@hideIfDigital@
1168 \ifthesis@digital@
1169 Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1170 podpísané zadanie práce.
1171 \else
1172 Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1173 zadania práce.
1174 \fi
1175 \else
1176 Nastavte pomocou klúča <<assignment>> názov súboru PDF
1177 s~oficiálnym podpísaným zadanim práce.
1178 \fi}
1179
1180 % Bibliografický záznam
1181 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
1182 \gdef\thesis@slovak@bib@pages{str}

1183 \global\let\thesis@slovak@bib@author\thesis@slovak@authorTitle
1184 \gdef\thesis@slovak@bib@thesisTitle{Názov práce}
1185 \global\let\thesis@slovak@bib@advisor\thesis@slovak@advisorTitle
1186
1187 % Rôzne
1188 \gdef\thesis@slovak@idTitle{UČO}

```

#### **3.4.4.3 The `locale/mu/law/fithesis-slovak.def` file**

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

```

1189 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
1190
1191 % Rôzne
1192 \gdef\thesis@slovak@abstractTitle{Abstrakt}
1193
1194 % Zástupné texty
1195 \gdef\thesis@slovak@facultyName{Právnická fakulta}
1196 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
1197 univerzity}

```

#### **3.4.4.4 The `locale/mu/fsps/fithesis-slovak.def` file**

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

and redefines the `fieldTitle` string in accordance with the common usage at the faculty. The locale file also redefines the `declaration` string in accordance with the requirements of the faculty.

```
1198 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2017/05/15]
1199
1200 % Zástupné texty
1201 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
1202 \gdef\thesis@slovak@declaration{%
1203   Vyhlasujem, že som \thesis@lower{%
1204     slovak@typeName@akuzativ} vypracoval%
1205   \thesis@slovak@gender@koncovka\ samostatne a~na základe
1206   literatúry a~prameňov uvedených v~použitých zdrojoch.}
1207
1208 % Rôzne
1209 \gdef\thesis@slovak@fieldTitle{Špecializácie}
```

#### 3.4.4.5 The `locale/mu/fss/fithesis-slovak.def` file

This is the Slovak locale file specific to the Faculty of Social Studies at the Masaryk University in Brno. It replaces the `facultyName` and `assignment` strings with the correct values.

```
1210 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2016/05/25]
1211
1212 % Zástupné texty
1213 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
1214 \gdef\thesis@slovak@assignment{%
1215   \ifthesis@digital@
1216     Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1217     podpísané zadanie práce alebo vyhlásenie autora školského
1218     diela alebo obidve.
1219   \else
1220     Namiesto tejto stránky vložte kopiu oficiálneho podpísaného
1221     zadania práce alebo vyhlásenie autora školského diela alebo
1222     obidve v~závislosti na požiadavkách príslušnej katedry.
1223   \fi}
```

#### 3.4.4.6 The `locale/mu/econ/fithesis-slovak.def` file

This is the Slovak locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the `facultyName` and `abstractTitle` placeholders with the correct values. The locale file also redefines the `declaration` string in accordance with the requirements of the faculty and defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis-econ.sty` style file.

```
1224 \ProvidesFile{fithesis/locale/mu/econ/fithesis-slovak.def}[2017/07/09]
1225
1226 % Zástupné texty
1227 \gdef\thesis@slovak@facultyName{Ekonomicko-správna fakulta}
1228
```

```

1229 % Bibliografický záznam
1230 \gdef\thesis@sllovak@bib@thesisTitleEn{Názov práce v angličtine}
1231 \gdef\thesis@sllovak@bib@department{Katedra}
1232 \gdef\thesis@sllovak@bib@year{Rok obhajoby}
1233
1234 % Rôzne
1235 \gdef\thesis@sllovak@abstractTitle{Anotácie}

```

The following extra data field is defined for the declaration string:

- advisorSkGenitiv – the advisor's name in genitive following Slovak morphology.

```

1236 \thesis@def@extra{advisorSkGenitiv}
1237 \gdef\thesis@sllovak@declaration{Vyhlasujem, že som
1238   \thesis@lower{sllovak@typeName@akuzativ} \thesis@title{} spracoval%
1239   \thesis@sllovak@gender@koncovka\ samostatne pod vedenim
1240   \thesis@extra@advisorSkGenitiv\
1241   a~uvied\ifthesis@woman la\else iol\fi\ v~nej všetky
1242   odborné zdroje v~súlade s~právnymi predpismi, vnútornými
1243   předpismi Masarykovej univerzity a~vnútornými aktmi riadenia
1244   Masarykovej univerzity a~Ekonomicko-správnej fakulty MU.}

```

#### 3.4.4.7 The `locale/mu/med/fithesis-slovak.def` file

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

```

1245 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2016/03/23]
1246
1247 % Zástupné texty
1248 \gdef\thesis@sllovak@facultyName{Lekárska fakulta}
1249
1250 % Rôzne
1251 \gdef\thesis@sllovak@abstractTitle{Anotácie}

```

#### 3.4.4.8 The `locale/mu/fi/fithesis-slovak.def` file

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

```
1252 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2016/05/25]
```

```

1253
1254 % Zástupné texty
1255 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
1256 \gdef\thesis@slovak@assignment{%
1257   \ifthesis@digital@
1258     Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1259     podpísané zadanie práce a vyhlásenie autora školského diela.
1260   \else
1261     Namiesto tejto stránky vložte kopiu oficiálneho podpísaného
1262     zadania práce a vyhlásenie autora školského diela.
1263   \fi}
1264 \gdef\thesis@slovak@declaration{%
1265   Vyhlasujem, že táto \thesis@lower{slovak@typeName} je mojím
1266   pôvodným autorským dielom, ktoré som vypracoval%
1267   \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
1268   pramene a literatúru, ktoré som pri vypracovaní
1269   používal\thesis@slovak@gender@koncovka\ alebo z~nich
1270   čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
1271   s~uvedením úplného odkazu na príslušný zdroj.}
1272
1273 % Rôzne
1274 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
1275 \gdef\thesis@slovak@typeName@proposal{Tézy dizertačnej práce}
1276 \gdef\thesis@slovak@typeName@akuzativ@proposal{Tézy dizertačnej práce}

```

#### 3.4.4.9 The `locale/mu/phil/fithesis-slovak.def` file

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

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

```

1277 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/03/22]
1278
1279 % Zástupné texty
1280 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
1281 \gdef\thesis@slovak@departmentName{%
1282   \ifx\thesis@department\thesis@departments@kisk
1283     Kabinet informačných štúdií a knihovníctva%
1284   \else
1285     <<Neznáme oddelenie (\thesis@department)>>%
1286   \fi}
1287 \gdef\thesis@czech@declaration{%
1288   \ifx\thesis@department\thesis@departments@kisk
1289     Vyhlasujem, že som predkladanú prácu spracoval%
1290     \thesis@slovak@gender@koncovka\ samostatne~a použil%
1291     \thesis@slovak@gender@koncovka\ len uvedené pramene~a

```

```

1292 literatúru. Súčasne dávam súhlas k~tomu, aby elektronická
1293 verzia tejto práce bola sprístupnená cez informačný
1294 systém Masarykovej univerzity.%  

1295 \else
1296     Vyhlasujem, že som predloženú \thesis@lower{%
1297         slovak@typeName@akuzativ} vypracoval%
1298     \thesis@slovak@gender@koncovka\ samostatne na základe vlastných
1299     zistení a len s~použitím uvedenej literatúry a prameňov.%  

1300 \fi}
1301
1302 % Rôzne
1303 \global\let\thesis@slovak@typeName@super
1304     \thesis@slovak@typeName
1305 \gdef\thesis@slovak@typeName{%
1306     \ifx\thesis@type\thesis@bachelors
1307         Bakalárská diplomová práca%
1308     \else\ifx\thesis@type\thesis@masters
1309         Magisterská diplomová práca%
1310     \else
1311         \thesis@slovak@typeName@super
1312     \fi\fi}
1313
1314 \global\let\thesis@slovak@typeName@akuzativ@super
1315     \thesis@slovak@typeName@akuzativ
1316 \gdef\thesis@slovak@typeName@akuzativ{%
1317     \ifx\thesis@type\thesis@bachelors
1318         Diplomovú prácu%
1319     \else\ifx\thesis@type\thesis@masters
1320         Diplomovú prácu%
1321     \else
1322         \thesis@slovak@typeName@akuzativ@super
1323     \fi\fi}

```

#### **3.4.4.10 The locale/mu/ped/fithesis-slovak.def file**

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

```

1324 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2017/06/02]
1325
1326 % Zástupné texty
1327 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}

```

#### **3.4.4.11 The locale/mu/sci/fithesis-slovak.def file**

This is the Slovak locale file specific to the Faculty of Science at the Masaryk University in Brno. The locale file also 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.

```
1328 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2017/05/21]
1329
1330 % Zástupné texty
1331 \gdef\thesis@slovak@facultyName{Prírodrovedecká fakulta}
1332
1333 % Bibliografický záznam
1334 \gdef\thesis@slovak@bib@programme{Študijný program}
1335 \global\let\thesis@slovak@bib@field\thesis@slovak@fieldTitle
1336 \gdef\thesis@slovak@bib@academicYear{Akademický rok}
1337 \gdef\thesis@slovak@bib@pages{Počet strán}
1338 \global\let\thesis@slovak@bib@keywords\thesis@slovak@keywordsTitle
```

## 3.5 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 2.4).

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

### 3.5.1 Interface

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

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

### 3.5.2 Base style files

#### 3.5.2.1 The `style/fithesis-base.sty` file

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

```

1339 \NeedsTeXFormat{LaTeX2e}
1340 \ProvidesPackage{fithesis/style/fithesis-base}[2018/02/11]

1341 \DeclareRobustCommand\em
1342     {\@nomath\em \ifdim \fontdimen1ne\font >\z@
1343         \emnnershape \else \itshape \fi}%

```

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

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

```

1344 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2017/06/02]
1345 \NeedsTeXFormat{LaTeX2e}

```

The file recognizes the following options:

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

```

1346     \DeclareOption{10pt}{\def\thesis@ptsize{0}}
1347     \DeclareOption{11pt}{\def\thesis@ptsize{1}}
1348     \DeclareOption{12pt}{\def\thesis@ptsize{2}}

```

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

```

1349     \newif\ifthesis@twoside@
1350     \DeclareOption{oneside}{%
1351         \thesis@twoside@false@\twosidefalse\mparswitchfalse}
1352     \DeclareOption{twoside}{%
1353         \thesis@twoside@true \twosidetrue \mparswitchtrue}

```

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

```

1354     \DeclareOption{onecolumn}{\twocolumnfalse}
1355     \DeclareOption{twocolumn}{\twocolumntrue}

```

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

```

1356     \DeclareOption{draft}{\setlength\overfullrule{5pt}}
1357     \DeclareOption{final}{\setlength\overfullrule{0pt}}

```

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

1358   \newif\ifthesis@palatino@
1359   \DeclareOption{palatino}{\thesis@palatino@true}
1360   \DeclareOption{nopalatino}{\thesis@palatino@false}

```
- `\ifthesis@color@`  
    - `\ifthesis@color@` – 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.
- ```

1361   \newif\ifthesis@color@
1362   \DeclareOption{monochrome}{\thesis@color@false}
1363   \DeclareOption{color}{\thesis@color@true}

```
- `\ifthesis@micoftype@`  
    - `\ifthesis@micoftype@` – The microtypographic extension of modern TeX engines – such as pdfTeX, XeTeX, or LuaTeX – is or isn't going to be enabled, respectively. The `\ifthesis@micoftype@` conditional is set to either true or false, respectively.
- ```

1364   \newif\ifthesis@micoftype@
1365   \DeclareOption{micoftype}{\thesis@micoftype@true}
1366   \DeclareOption{nomicrotype}{\thesis@micoftype@false}

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

1367   \newif\ifthesis@newtable@
1368   \DeclareOption{table}{\thesis@newtable@true}
1369   \DeclareOption{oldtable}{\thesis@newtable@false}

```
- The choice of the option name is deliberate – the redefinition of the `table` environments depends on the `xcolor` package, which needs to be loaded with the `table` option. Since so many other packages depend on the `xcolor` package and this style file is loaded at the very end of the preamble, there would either be a great chance of an option clash, or the option would have to be passed to the `xcolor` package before the preamble from the body of the `fithesis3` class thus breaking the encapsulation. Naming the option `table` forces the option to be processed by the `xcolor` package as well and it is therefore an elegant solution to the problem at hand.
- `\thesis@blocks@lot`  
    - `\thesis@blocks@lot` – The `\thesis@blocks@lot` macro will be defined as either `\listoftables` or `\relax`, respectively. As a side effect, the `\listoftables` either is or isn't going to be included in the `\thesis@blocks@tables` block, respectively.

```

1370      \DeclareOption{nolot}{\let\thesis@blocks@lot\relax}
1371      \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}

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

1372      \DeclareOption{noloft}{\let\thesis@blocks@loft\relax}
1373      \DeclareOption{loft}{\let\thesis@blocks@loft\listoffigures}

\thesis@blocks@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.

1374      \newif\ifthesis@cover@
1375      \DeclareOption{nocover}{\thesis@cover@false}
1376      \DeclareOption{cover}{\thesis@cover@true}

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

1377      \newif\ifthesis@digital@
1378      \DeclareOption{digital}{%
1379          \ExecuteOptions{color,cover}%
1380          \thesis@digital@true}
1381      \DeclareOption{printed}{%
1382          \ExecuteOptions{monochrome,nocover}%
1383          \thesis@digital@false}

```

These are the default options:

```

1384 \ExecuteOptions{%
1385   printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
1386 \ProcessOptions*

```

The file uses English locale strings within the macros.

```
1387 \thesis@requireLocale{english}
```

The file loads the following packages:

- xcolor – Adds support for color manipulation.
- ifxetex – Used to detect the X<sub>E</sub>T<sub>E</sub>X engine.
- ifluatex – Used to detect the LuaT<sub>E</sub>X 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.

```

1388 \thesis@require{xcolor}
1389 \thesis@require{graphicx}
1390 \thesis@require{pdfpages}
1391 \thesis@require{keyval}
1392 \thesis@require{ifxetex}
1393 \thesis@require{ifluatex}
```

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

```

1394 \ifthesis@microtype@
1395   \thesis@require[final,babel]{microtype}
1396 \fi
```

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

```

1397 {\let\x\expandafter
1398 \x\global\x\let\x\ifthesis@xeluatex\csname if%
1399   \ifxetex true\else
1400     \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
1401   \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
1402   \fi
1403 \fi\endcsname}
```

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

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

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

```

1404 \ifthesis@xeluatex
1405   \ifthesis@palatino@
1406     \thesis@require{fontspec}
1407     \thesis@require{unicode-math}
1408     \setmainfont[Ligatures=TeX]{\TeX Gyre Pagella}
1409     \setmathfont[math-style=ISO,bold-style=ISO]{texgyrepagella-math.otf}
1410   \fi
```

The following packages get only loaded, when the document is not being typeset using the  $X\text{\TeX}$  or  $\text{\LaTeX}$  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  $\text{\TeX}$  Gyre Pagella.

- `lmodern` – Changes the default sans-serif and monotype font faces to Latin Modern instead of the default Computer Modern font family.
- `fontenc` – The font encoding is set to Cork.

```

1411 \else
1412   \ifthesis@palatino@
1413     \RequirePackage[resetfonts]{cmap}
1414     \thesis@require{lmodern}
1415     \thesis@require{mathpazo}
1416     \thesis@require{tgpagella}
1417     \RequirePackage[T1]{fontenc}
1418   \fi
1419 \fi

```

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

- `tabularx` – Provides the `tabularx` environment, which enables the typesetting of tables with flexible-width columns.
- `tabu` – Provides the `tabu` environment, which enables the typesetting of complex tables.
- `booktabs` – A package, which allows the creation of publication-quality tables in L<sup>A</sup>T<sub>E</sub>X.

```

1420 \let\thesis@newtable@old\tabular
1421 \let\endthesis@newtable@old\endtabular
1422 \ifthesis@newtable@
1423   % Load the packages.
1424   \thesis@require{tabularx}
1425   \thesis@require{tabu}
1426   \thesis@require{booktabs}
1427   % Adjust the measurements.
1428   \setlength{\aboverulesep}{0pt}
1429   \setlength{\belowrulesep}{0pt}
1430   \setlength{\extrarowheight}{.75ex}

```

When both the `\thesis@newtable@` and `\thesis@color@` conditionals are true, then the `tabular` and `tabularx` environments are redefined to better match the style of the given faculty.

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

```

1431 \ifthesis@color@
1432   % The redefinition of 'tabular'

```

```

1433 \renewenvironment{tabular}%
1434   {\rowcolors{1}{thesis@color@tableOdd}%
1435    {thesis@color@tableEven}%
1436    \thesis@newtable@old}%
1437   {\endthesis@newtable@old}%
1438 % The redefinition of ‘tabularx’
1439 \let\thesis@newtable@oldx\tabularx
1440 \let\endthesis@newtable@oldx\endtabularx
1441 \renewenvironment{tabularx}%
1442   {\rowcolors{1}{thesis@color@tableEven}%
1443    {thesis@color@tableOdd}%
1444    \thesis@newtable@oldx}%
1445   {\endthesis@newtable@oldx}%
1446 % The redefinition of ‘tabu’
1447 \let\thesis@newtable@oldtabu\tabu
1448 \let\endthesis@newtable@oldtabu\endtabu
1449 \renewenvironment{tabu}%
1450   {\rowcolors{1}{thesis@color@tableEven}%
1451    {thesis@color@tableOdd}%
1452    \thesis@newtable@oldtabu}%
1453   {\endthesis@newtable@oldtabu}%
1454 \fi
1455 \fi

```

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

```

1456 \newif\ifthesis@bibliography@
1457 \thesis@bibliography@false
1458 \ifx\thesis@bibFiles\undefined\else
1459   {\edef\@bibList{\thesis@bibFiles}%
1460   \ifx\@bibList\empty\else
1461     \global\thesis@bibliography@true
1462   \fi}
1463 \fi

```

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

```

1464 \def\thesis@bibliography@setup#1{%
1465   \setkeys{thesis@bibliography}{#1}}

```

The following key-value pairs are supported:

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

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

	<pre> 1466 \define@key{thesis@bibliography}{style}{% 1467   \ifx\thesis@bibliography@style\undefined 1468     \def\thesis@bibliography@style{\#1}% 1469   \fi} 1470 \define@key{thesis@bibliography}{sorting}{% 1471   \ifx\thesis@bibliography@sorting\undefined 1472     \def\thesis@bibliography@sorting{\#1}% 1473   \fi} </pre>
\thesis@bibliography@load	When \ifthesis@bibliography@ is true and \ifthesis@bibliography@loaded@ is false, the \thesis@bibliography@load macro loads the csquotes and BibLATEX packages with the bibliography databases specified in \thesis@bibFiles. The macro also sets the \ifthesis@bibliography@loaded@ conditional to true.
\thesis@bibliography@loaded	<pre> 1474 \newif\ifthesis@bibliography@loaded@ 1475 \thesis@bibliography@loaded@false 1476 \newif\ifthesis@bibliography@included@ 1477 \thesis@bibliography@included@false 1478 \def\thesis@bibliography@load{% 1479   \ifthesis@bibliography@ 1480   \ifthesis@bibliography@loaded@\else 1481     \thesis@bibliography@loaded@true 1482     % Load csquotes and BibLaTeX. 1483     \thesis@require{csquotes} </pre> <p>If \thesis@bibliography@style is undefined, the bibliography and citation styles default to iso-numeric. If \thesis@bibliography@sorting is undefined, the sorting scheme defaults to none.</p> <pre> 1484   \thesis@bibliography@setup{ 1485     style = iso-numeric, 1486     sorting = none} 1487 \thesis@require[ 1488   backend=biber, 1489   style=\thesis@bibliography@style, 1490   sorting=\thesis@bibliography@sorting, 1491   autolang=other, 1492   sortlocale=auto]{biblatex} 1493 % Load the bibliography databases. 1494 {\edef@bibList{\thesis@bibFiles}% 1495 \def@inject##1,{% 1496   \def@args{##1}\def@relax{\relax}% 1497   \ifx@args\@relax\else 1498     % Trim leading spaces. 1499     \edef@trimmed{\romannumeral-\`.\#1}% 1500     \addbibresource@trimmed 1501     \expandafter\@inject\fi}% 1502 \expandafter\@inject\@bibList,\relax,}% </pre>
.ifthesis@bibliography@included@	The \ifthesis@bibliography@included@ conditional is true, when the user has manually included a bibliography into their document. The default value of the conditional is false and \printbibliography is patched to set the conditional

to true on expansion. This enables the user to place the bibliography manually without it appearing in the autolayout. The original macro is stored in the \thesis@printbibliography@old \thesis@printbibliography@old macro.

```
1503   \let\thesis@printbibliography@old\printbibliography
1504   \def\printbibliography{%
1505     \global\thesis@bibliography@included@true
1506     \thesis@printbibliography@old}
1507   \fi
1508 \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.

```
1509 \thesis@require{hyperref}
1510 \hypersetup{pdfborderstyle={/S/U/W 1}} % Less obtrusive borders
```

Clubs and widows are set to be infinitely bad.

```
1511 \widowpenalty 1000
1512 \clubpenalty 1000
```

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

```
1513 \def\thesis@color@setup#1{%
1514   \setkeys{thesis@color}{#1}}
```

The following key-value pairs are supported:

1. {\{links=*color*\}} – Sets the color of hyperref links to *color* and stores it under the name thesis@color@links. The default color of links is specified by the hyperref package.
2. {\{tableOdd=*color*\}} – Stores the color of the odd rows of the redefined tabular and tabularx environments under the name thesis@color@tableOdd.
3. {\{tableEven=*color*\}} – Stores the color of the even rows of the redefined tabular and tabularx environments under the name thesis@color@tableEven.
4. {\{tableEmph=*color*\}} – Stores the color of an emphasized cell in a table user under the name thesis@color@tableEmph. This color is meant to be used manually by the user.

```
1515 \define@key{thesis@color}{links}{%
1516   \definecolor{thesis@color@links}{#1}
1517   \hypersetup{linkbordercolor=thesis@color@links}}
1518 \define@key{thesis@color}{tableOdd}{%
1519   \definecolor{thesis@color@tableOdd}{#1}}
1520 \define@key{thesis@color}{tableEven}{%
1521   \definecolor{thesis@color@tableEven}{#1}}
```

```
1522 \define@key{thesis@color}{tableEmph}{%
1523   \definecolor{thesis@color@tableEmph}{#1}}
```

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

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

```
1524 \def\thesis@blocks@coverMatter{%
1525   \pagenumbering{gobble}}
```

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

```
1526 \def\thesis@blocks@frontMatter{%
1527   \thesis@blocks@clear
1528   \pagestyle{plain}
1529   \parindent 1.5em
1530   \setcounter{page}{1}
1531   \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.

```
1532 % \begin{macrocode}
1533 \def\thesis@blocks@clear{%
1534   \ifthesis@twoside@
1535     \clearpage
1536     \ifodd\value{page}\else%
1537       \thispagestyle{empty}%
1538       \hbox{}%
1539       \newpage
1540     \fi
1541   \else
1542     \newpage
1543   \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.

```
1544 \def\thesis@blocks@clearRight{%
1545   \ifthesis@twoside@
1546     \clearpage
1547     \ifodd\value{page}%
1548       \thispagestyle{empty}%
1549       \hbox{}%
1550       \newpage
1551     \fi
1552   \else
1553     \newpage
1554   \fi}
```

s@blocks@facultyLogo@monochrome	The <code>\thesis@blocks@facultyLogo@monochrome[&lt;options&gt;]</code> macro typesets the <code>\thesis@logopath\thesis@facultyLogo</code> logo with the given <i>options</i> passed to <code>\includegraphics</code> .
	1555 <code>\newcommand{\thesis@blocks@facultyLogo@monochrome}[1]{%</code> 1556 <code>[width=40mm]{%</code> 1557 <code>\edef\@path{\thesis@logopath\thesis@facultyLogo}%</code> 1558 <code>\includegraphics[#1]{\@path}}}</code>
thesis@blocks@facultyLogo@color	The <code>\thesis@blocks@facultyLogo@color[&lt;options&gt;]</code> macro typesets either the <code>\thesis@logopath\thesis@facultyLogo</code> logo, if the <code>\ifthesis@color@</code> conditional is false, or the <code>\thesis@logopath\thesis@facultyLogo-color</code> logo otherwise with the given <i>options</i> passed to <code>\includegraphics</code> .
	1559 <code>\newcommand{\thesis@blocks@facultyLogo@color}[1]{%</code> 1560 <code>[width=40mm]{%</code> 1561 <code>\edef\@path{\thesis@logopath\thesis@facultyLogo</code> 1562 <code>\ifthesis@color@-color\fi}%</code> 1563 <code>\includegraphics[#1]{\@path}}}}</code>
blocks@universityLogo@monochrome	The <code>\thesis@blocks@universityLogo@monochrome[&lt;options&gt;]</code> macro typesets the <code>\thesis@logopath\thesis@universityLogo</code> logo with the given <i>options</i> passed to <code>\includegraphics</code> .
	1564 <code>\newcommand{\thesis@blocks@universityLogo@monochrome}[1]{%</code> 1565 <code>[width=40mm]{%</code> 1566 <code>\edef\@path{\thesis@logopath\thesis@universityLogo}%</code> 1567 <code>\includegraphics[#1]{\@path}}}}</code>
sis@blocks@universityLogo@color	The <code>\thesis@blocks@universityLogo@color[&lt;options&gt;]</code> macro typesets either the <code>\thesis@logopath\thesis@universityLogo</code> logo, if the <code>\ifthesis@color@</code> conditional is false, or the <code>\thesis@logopath\thesis@universityLogo-color</code> logo otherwise with the given <i>options</i> passed to <code>\includegraphics</code> .
	1568 <code>\newcommand{\thesis@blocks@universityLogo@color}[1]{%</code> 1569 <code>[width=40mm]{%</code> 1570 <code>\edef\@path{\thesis@logopath\thesis@universityLogo</code> 1571 <code>\ifthesis@color@-color\fi}%</code> 1572 <code>\includegraphics[#1]{\@path}}}}</code>
	The <code>\thesis@department@name</code> and <code>\thesis@field@name</code> macros and their English counterparts provide a level of indirection that allows the subsequently loaded style files to parse the values of <code>\thesis@department</code> and <code>\thesis@field</code> (and their English counterparts) and map them to human-readable names, which will then be typeset.
	1573 <code>\let\thesis@department@name\thesis@department</code> 1574 <code>\let\thesis@departmentEn@name\thesis@departmentEn</code> 1575 <code>\let\thesis@field@name\thesis@field</code> 1576 <code>\let\thesis@fieldEn@name\thesis@fieldEn</code>
\thesis@blocks@cover	The <code>\thesis@blocks@cover</code> macro typesets the thesis cover. It is composed of three macros:

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

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

```

1577 \def\thesis@blocks@cover{%
1578   \ifthesis@cover@
1579     \thesis@blocks@clear
1580     \begin{alwayssingle}%
1581       \thispagestyle{empty}%
1582       \begin{center}%
1583         \thesis@blocks@cover@header
1584         \thesis@blocks@facultyLogo@monochrome\\[0.4in]%
1585         \let\footnotesize\small
1586         \let\footnoterule\relax{}%
1587         \thesis@blocks@cover@content
1588         \par\vfill
1589         \thesis@blocks@cover@footer
1590       \end{center}%
1591     \end{alwayssingle}%
1592   \fi}

```

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 subsequently 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.

```

1593 \newif\ifthesis@blocks@cover@university@
1594 \thesis@blocks@cover@university@true
1595 \newif\ifthesis@blocks@cover@faculty@

```

```

1596 \thesis@blocks@cover@faculty@true
1597 \newif\ifthesis@blocks@cover@department@
1598 \thesis@blocks@cover@department@false
1599 \newif\ifthesis@blocks@cover@field@
1600 \thesis@blocks@cover@field@false
1601
1602 \def\thesis@blocks@cover@header{%
1603   {\sc\ifthesis@blocks@cover@university@
1604     \thesis@titlePage@LARGE\thesis@@{universityName}\\\%
1605   \fi\ifthesis@blocks@cover@faculty@
1606     \thesis@titlePage@Large\thesis@@{facultyName}\\\%
1607   \fi\ifthesis@blocks@cover@department@
1608     \thesis@titlePage@large\thesis@department@name\\\%
1609   \fi}
1610 \ifthesis@blocks@cover@field@
1611   {\thesis@titlePage@large\vskip 1em%
1612     {\bf\thesis@@{fieldTitle}: } \thesis@field@name}%
1613 \fi\vskip 2em}
1614 \def\thesis@blocks@cover@content{%
1615   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1616 \vskip 0.8in%
1617 {\thesis@titlePage@large\sc\thesis@@{typeName}}\\[0.3in]%
1618 {\thesis@titlePage@Large\bf\thesis@author}}
1619 \def\thesis@blocks@cover@footer{%
1620   {\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.

```

1621 \def\thesis@blocks@titlePage{%
1622   \thesis@blocks@clear
1623   \begin{alwayssingle}%
1624     \thispagestyle{empty}%
1625     \begin{center}%
1626       \thesis@blocks@titlePage@header
1627       \thesis@blocks@facultyLogo@color\\[0.4in]%
1628       \let\footnotesize\small
1629       \let\footnoterule\relax{}%
1630       \thesis@blocks@titlePage@content
1631       \par\vfill
1632       \thesis@blocks@titlePage@footer
1633     \end{center}%
1634   \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. `\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 subsequently 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.

```
1635 \newif\ifthesis@blocks@titlePage@university@
1636 \thesis@blocks@titlePage@university@true
1637 \newif\ifthesis@blocks@titlePage@faculty@
1638 \thesis@blocks@titlePage@faculty@true
1639 \newif\ifthesis@blocks@titlePage@department@
1640 \thesis@blocks@titlePage@department@false
1641 \newif\ifthesis@blocks@titlePage@field@
1642 \thesis@blocks@titlePage@field@false
1643
1644 \def\thesis@blocks@titlePage@header{%
1645   {\sc\ifthesis@blocks@titlePage@university@
1646     \thesis@titlePage@LARGE\thesis@@{universityName}\\\%
1647   \fi\ifthesis@blocks@titlePage@faculty@
1648     \thesis@titlePage@Large\thesis@@{facultyName}\\\%
1649   \fi\ifthesis@blocks@titlePage@department@
1650     \thesis@titlePage@large\thesis@department@name\\\%
1651   \fi}
1652 \ifthesis@blocks@titlePage@field@
1653   {\thesis@titlePage@large\vskip 1em%
1654     {\bf\thesis@@{fieldTitle}:} \thesis@field@name}%
1655   \fi\vskip 2em}
1656 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1657 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer
```

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

```
1658 \def\thesis@blocks@toc{%
1659   \thesis@blocks@clear
1660   \tableofcontents}
```

\thesis@blocks@tables	The \thesis@blocks@tables macro typesets the table of contents and optionally the list of tables and the list of figures.
	<pre> 1661 \def\thesis@blocks@tables{% 1662   \thesis@blocks@toc 1663   \thesis@blocks@lot 1664   \thesis@blocks@lof} </pre>
\thesis@blocks@declaration	The \thesis@blocks@declaration macro typesets the declaration text.
	<pre> 1665 \def\thesis@blocks@declaration{% 1666   \thesis@blocks@clear 1667   \begin{alwayssingle}% 1668     \chapter*{\thesis@@{declarationTitle}}% 1669     \thesis@declaration 1670     \vskip 2cm% 1671     \hfill\thesis@author 1672   \end{alwayssingle}} </pre>
\thesis@blocks@thanks	The \thesis@blocks@thanks macro typesets the acknowledgements, if the \thesis@thanks macro is defined. Otherwise, the macro produces no output.
	<pre> 1673 \def\thesis@blocks@thanks{% 1674   \ifx\thesis@thanks\undefined\else 1675     \thesis@blocks@clear 1676     \begin{alwayssingle}% 1677       \chapter*{\vspace*{\fill}\thesis@@{thanksTitle}}% 1678       \leavevmode\thesis@thanks 1679     \end{alwayssingle}% 1680   \fi} </pre>
\thesis@blocks@abstract	The \thesis@blocks@abstract macro typesets the abstract.
	<pre> 1681 \def\thesis@blocks@abstract{% 1682   \begin{alwayssingle}% 1683     % Start the new chapter without clearing the left page. 1684     \clearpage 1685     {\let\thesis@blocks@clear\relax 1686     \chapter*{\thesis@@{abstractTitle}}% 1687     \noindent\thesis@abstract 1688     \par\vfil\null 1689   \end{alwayssingle}} </pre>
\thesis@blocks@abstractEn	The \thesis@blocks@abstractEn macro typesets the abstract in English. If the current locale is English, the macro produces no output.
	<pre> 1690 \def\thesis@blocks@abstractEn{% 1691   \ifthesis@english\else 1692     {\let\thesis@selectLocale{english}% 1693     \begin{alwayssingle}% 1694       % Start the new chapter without clearing the left page. 1695       \clearpage 1696       {\let\thesis@blocks@clear\relax 1697       \chapter*{\thesis@english@abstractTitle}}% </pre>

	<pre> 1698      \noindent\thesis@abstractEn 1699      \par\vfil\null 1700      \end{alwayssingle}}% 1701 \fi} </pre>
\thesis@blocks@keywords	<p>The \thesis@blocks@keywords macro typesets the keywords.</p> <pre> 1702 \def\thesis@blocks@keywords{% 1703   \begin{alwayssingle}% 1704     % Start the new chapter without clearing the left page. 1705     \clearpage 1706     {\let\thesis@blocks@clear\relax 1707       \chapter*\{\thesis@{\keywordsTitle}\}% 1708       \noindent\thesis@TeXkeywords}% 1709     \par\vfil\null 1710   \end{alwayssingle}} </pre>
\thesis@blocks@keywordsEn	<p>The \thesis@blocks@keywordsEn macro typesets the keywords in English. If the current locale is English, the macro produces no output.</p> <pre> 1711 \def\thesis@blocks@keywordsEn{% 1712   \ifthesis@english\else 1713     {\thesis@selectLocale{english}% 1714      \begin{alwayssingle}% 1715        % Start the new chapter without clearing the left page. 1716        \clearpage 1717        {\let\thesis@blocks@clear\relax% 1718          \chapter*\{\thesis@english@keywordsTitle\}% 1719          \noindent\thesis@TeXkeywordsEn 1720          \par\vfil\null 1721        \end{alwayssingle}}% 1722   \fi} </pre>
\thesis@rewind	<p>The \thesis@rewind macro rewinds the page numbers by either one or two pages, depending on whether one-side or two-side typesetting is enabled, respectively.</p> <pre> 1723 \def\thesis@rewind{% 1724   \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}} </pre>
\thesis@blocks@assignment	<p>The \thesis@blocks@assignment macro produces a different output depending on the values of the \thesis@assignmentFiles, \ifthesis@blocks@assignment@, \ifthesis@blocks@assignment@hideIfDigital@, and \ifthesis@digital macros.</p>
\ifthesis@blocks@assignment@ \ifthesis@blocks@assignment@ <b>hideIfDigital</b>	<p>The default value of the \ifthesis@blocks@assignment@ and \ifthesis@blocks@assignment@<b>hideIfDigital</b> is true.</p> <pre> 1725 \newif\ifthesis@blocks@assignment@ 1726 \thesis@blocks@assignment@true 1727 \newif\ifthesis@blocks@assignment@hideIfDigital@ 1728 \thesis@blocks@assignment@hideIfDigital@true 1729 \def\thesis@blocks@assignment{% </pre> <p>If the \ifthesis@blocks@assignment@ conditional is true and the \thesis@assignmentFiles macro is undefined, then typeset a placeholder page.</p>

```

1730 \ifthesis@blocks@assignment@
1731   \ifx\thesis@assignmentFiles\undefined
1732     % Rewind the pages and typeset a placeholder page.
1733   \thesis@blocks@clear
1734   \begin{alwayssingle}%
1735     \thispagestyle{empty}\thesis@rewind
1736     \noindent\textit{\thesis@@{assignment}}%
1737   \end{alwayssingle}%
1738 \else
1739 \fi
1740
1741 @inject Locally define \@inject as our routine for injecting lists of PDF documents.
1742
1743   {\edef@pdfList{\thesis@assignmentFiles}%
1744   \let\ea\expandafter
1745   % Injects the specified PDF documents.
1746   \def@\inject##1,{\thesis@blocks@clear
1747     \def@\args{##1}\def@\relax{\relax}%
1748     \ifx@\args\@relax\else
1749       % Trim leading spaces.
1750       \edef@trimmed{\romannumeral-\`.\#1}%
1751       % Rewind the pages and include the PDF.
1752       \thesis@rewind\includepdf[pages=-]\@trimmed
1753       \ea\@inject\fi}%
1754
1755 If the \ifthesis@blocks@assignment@ conditional is true and the \thesis@assignmentFiles macro is neither undefined nor empty, then typeset a placeholder page, if the \ifthesis@digital@ conditional is true and the \ifthesis@blocks@assignmane@hideIfDigital@ conditional is true
1756
1757   \ifx@\pdfList\empty\else
1758     \ifthesis@digital@
1759       \ifthesis@blocks@assignment@hideIfDigital@
1760         \thesis@blocks@clear
1761         \begin{alwayssingle}%
1762           \thispagestyle{empty}\thesis@rewind
1763           \noindent\textit{\thesis@@{assignment}}%
1764         \end{alwayssingle}%
1765     \else
1766       \ea\@inject\@pdfList,\relax,%
1767     \fi
1768   \else
1769     \ea\@inject\@pdfList,\relax,%
1770   \fi
1771 \fi
1772
1773 \fi}%
1774 \fi
1775 \fi
1776 \fi}

```

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

```
1767 \def\thesis@blocks@mainMatter{%
1768   \thesis@blocks@clear
1769   \setcounter{page}{1}
1770   \pagenumbering{arabic}
1771   \pagestyle{thesisheadings}
1772   \parindent 1.5em\relax}
```

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

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

```
1773 \def\thesis@blocks@bibEntry{%
1774   \chapter*\{\thesis@@{bib@title}\}
1775   \noindent\thesis@upper{author@tail}, \thesis@author@head.
1776   \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
1777   \thesis@@{facultyName}, \thesis@department@name, \thesis@year.
1778   \thesis@pages\ \thesis@@{bib@pages}.
1779   \thesis@@{advisorTitle}: \thesis@advisor
1780   \thesis@blocks@clearRight}
```

\thesis@blocks@bibliography When \ifthesis@bibliography@loaded@ is true and \ifthesis@bibliography@included@ false, then the \thesis@blocks@bibliography macro typesets a bibliography via the Bib<sup>L</sup>ATE<sub>X</sub> package. Otherwise, this macro produces no output.

```
1781 \def\thesis@blocks@bibliography{%
1782   \ifthesis@bibliography@loaded@
1783     \ifthesis@bibliography@included@\else
1784       \thesis@blocks@clear
1785       {\emergencystretch=3em%
1786       \printbibliography[heading=bibintoc]}%
1787     \fi
1788   \fi}
```

The rest of the file comprises redefinitions of L<sup>A</sup>T<sub>E</sub>X 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.

```
1789 % Table of contents will contain sectioning commands up to
1790 % \subsection.
1791 \setcounter{tocdepth}{2}
1792
1793 % Sections up to \subsection will be numbered.
1794 \setcounter{secnumdepth}{2}
```

```

1795
1796 % Load the ‘fithesis-1*.clo’ size option.
1797 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1798
1799 % Define the running heading style.
1800 \def\ps@thesisheadings{%
1801   \def\chaptermark##1{%
1802     \markright{%
1803       \ifnum\c@secnumdepth >\m@ne
1804         \thechapter.\ %
1805       \fi ##1}%
1806     \let\@oddfoot\@empty
1807     \let\@oddhead\@empty
1808     \def\@oddhead{%
1809       \vbox{%
1810         \hbox to \textwidth{%
1811           \hfil{\sc\rightmark}\%%
1812           \vskip 4pt\hrule}%
1813       \if@twoside
1814         \def\@evenhead{%
1815           \vbox{%
1816             \hbox to \textwidth{%
1817               {\sc\rightmark}\%
1818               \hfil}%
1819             \vskip 4pt\hrule}%
1820       \else
1821         \let\@evenhead\@oddhead
1822       \fi
1823     \def\@oddfoot{\hfil\PageFont\thepage}
1824     \if@twoside
1825       \def\@evenfoot{\PageFont\thepage\hfil}%
1826     \else
1827       \let\@evenfoot\@oddfoot
1828     \fi
1829     \let\@mkboth\markboth}%
1830
1831 % Redefine the style of the chapter headings.
1832 \renewcommand*\chapter{%
1833   \thesis@blocks@clear
1834   \thispagestyle{plain}%
1835   \global\@topnum\z@
1836   \cafterindentfalse
1837   \secdef\@chapter\@schapter}%
1838
1839 % Redefine the style of part headings.
1840 \renewcommand*\part{%
1841   \thesis@blocks@clear
1842   \if@twocolumn
1843     \onecolumn
1844     \tempswattrue

```

```

1845 \else
1846   \atempswafalse
1847 \fi
1848 \hbox{}\vfil
1849 \secdef\@part\@spart}
1850
1851 % A macro for temporary multicol -> singlecol switching.
1852 \newif\if@restonecol
1853 \def\alwayssingle{%
1854   \if@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1855 \def\endalwayssingle{\if@restonecol\twocolumn\fi}
1856
1857 % Disable uppercasing in PDF strings.
1858 \pdfstringdefDisableCommands{%
1859   \let\MakeUppercase\relax}
1860
1861 % Set up the ToC entries appearance.
1862 \renewcommand*\toc@font[1]{%
1863   \ifcase #1\relax
1864     \bfseries % \chapter (0)
1865   \or
1866     \slshape % \section (1)
1867   \else
1868     \rmfamily % \subsection (2), \subsubsection (3)
1869     % \paragraph, \ subparagraph (4)
1870   \fi}
1871
1872 % Set up the table of contents entries for sectioning commands.
1873 \renewcommand*\l@part[2]{%
1874   \ifnum \c@tocdepth >-2\relax
1875     \addpenalty{-\@highpenalty}%
1876   \ifnum \c@tocdepth >0\relax
1877     \addvspace{2.25em \@plus\p@}%
1878   \else
1879     \addvspace{1.0em \@plus\p@}%
1880   \fi
1881   \begingroup
1882     \setlength\@tempdima{3em}%
1883     \parindent \z@ \rightskip \pnumwidth
1884     \parfillskip -\pnumwidth
1885     {\leavevmode
1886       \normalfont \bfseries #1\hfil \hb@xt@\pnumwidth{\hss #2}\par
1887       \nobreak
1888       \global\nobreaktrue
1889       \everypar{\global\nobreakfalse\everypar{} }%
1890     \endgroup
1891   \fi}
1892
1893 \renewcommand*\l@chapter[2]{%
1894   \ifnum \c@tocdepth >0\relax

```

```

1895 \addpenalty{-\@highpenalty}%
1896 \addvspace{1.0em \@plus\p@}%
1897 \setlength{\tempdima{1.5em}}%
1898 \begingroup
1899   \parindent \z@ \rightskip \pnumwidth
1900   \parfillskip -\pnumwidth
1901   \leavevmode \bfseries
1902   \advance\leftskip\tempdima
1903   \hskip -\leftskip
1904   #1\nobreak\hfil \nobreak\hb@xt@\pnumwidth{\hss #2}\par
1905   \penalty\@highpenalty
1906 \endgroup
1907 \else
1908   \dottedtocline{0}{0em}{1.5em}{#1}{#2}
1909 \fi}
1910
1911 \renewcommand*\l@section{\dottedtocline{1}{1.5em}{2.3em}}
1912 \renewcommand*\l@subsection{\dottedtocline{2}{3.8em}{3.2em}}
1913 \renewcommand*\l@subsubsection{\dottedtocline{3}{7.0em}{4.1em}}
1914 \renewcommand*\l@paragraph{\dottedtocline{4}{10.0em}{5.0em}}
1915 \renewcommand*\l@subparagraph{\dottedtocline{4}{12.0em}{6.0em}}

```

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

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

```

1916 <*opt>
1917 <*10pt>
1918 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2016/05/15]
1919
1920 \renewcommand{\normalsize}{\fontsize\xpt{12}\selectfont
1921 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1922 \belowdisplayskip \abovedisplayskip
1923 \abovedisplayshortskip \z@ plus3\p@
1924 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1925 \let\@listi\@listI}
1926
1927 \renewcommand{\small}{\fontsize\xpt{11}\selectfont
1928 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1929 \belowdisplayskip \abovedisplayskip
1930 \abovedisplayshortskip \z@ plus2\p@
1931 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1932 \def\@listi{\leftmargin\leftmargini
1933 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1934 \itemsep \parsep}}
1935
1936 \renewcommand{\footnotesize}{\fontsize\viiipt{9.5}\selectfont
1937 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1938 \belowdisplayskip \abovedisplayskip
1939 \abovedisplayshortskip \z@ plus\p@

```

```

1940 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1941 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1942 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1943 \itemsep \parsep}}
1944
1945 \renewcommand{\scriptsize}{\fontsize@viipt{8pt}\selectfont}
1946 \renewcommand{\tiny}{\fontsize@vpt{6pt}\selectfont}
1947 \renewcommand{\large}{\fontsize@xiipt{14pt}\selectfont}
1948 \renewcommand{\Large}{\fontsize@xivpt{18pt}\selectfont}
1949 \renewcommand{\LARGE}{\fontsize@xvipt{22pt}\selectfont}
1950 \renewcommand{\huge}{\fontsize@xxpt{25pt}\selectfont}
1951 \renewcommand{\Huge}{\fontsize@xxvpt{30pt}\selectfont}
1952
1953 </10pt>

```

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

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

```

1954 <*11pt>
1955 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2016/05/15]
1956
1957 \renewcommand{\normalsize}{\fontsize@xipt{14}\selectfont}
1958 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1959 \belowdisplayskip \abovedisplayskip
1960 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1961 % \abovedisplayshortskip \z@ plus3\p@
1962 \let\@listi\@listI}
1963
1964 \renewcommand{\small}{\fontsize@xpt{12}\selectfont}
1965 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1966 \belowdisplayskip \abovedisplayskip
1967 \abovedisplayshortskip \z@ plus3\p@
1968 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1969 \def\@listi{\leftmargin\leftmargini
1970 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1971 \itemsep \parsep}}
1972
1973 \renewcommand{\footnotesize}{\fontsize@ixpt{11}\selectfont}
1974 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1975 \belowdisplayskip \abovedisplayskip
1976 \abovedisplayshortskip \z@ plus\p@
1977 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1978 \def\@listi{\leftmargin\leftmargini
1979 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1980 \itemsep \parsep}}
1981
1982 \renewcommand{\scriptsize}{\fontsize@viiipt{9.5pt}\selectfont}
1983 \renewcommand{\tiny}{\fontsize@vpt{7pt}\selectfont}
1984 \renewcommand{\large}{\fontsize@xiipt{14pt}\selectfont}

```

```

1985 \renewcommand{\Large}{\fontsize@xivpt{18pt}\selectfont}
1986 \renewcommand{\LARGE}{\fontsize@xviipt{22pt}\selectfont}
1987 \renewcommand{\huge}{\fontsize@xxpt{25pt}\selectfont}
1988 \renewcommand{\Huge}{\fontsize@xxvpt{30pt}\selectfont}
1989
1990 </11pt>

```

### 3.5.2.5 The style/mu/fithesis-12.clo file

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

\thesis@titlePage@normalsize	• \thesis@titlePage@normalsize – Equivalent to \normalsize
\thesis@titlePage@small	• \thesis@titlePage@small – Equivalent to \small
\thesis@titlePage@footnotesize	• \thesis@titlePage@footnotesize – Equivalent to \footnotesize
\thesis@titlePage@scriptsize	• \thesis@titlePage@scriptsize – Equivalent to \scriptsize
\thesis@titlePage@tiny	• \thesis@titlePage@tiny – Equivalent to \tiny
\thesis@titlePage@large	• \thesis@titlePage@large – Equivalent to \large
\thesis@titlePage@Large	• \thesis@titlePage@Large – Equivalent to \Large
\thesis@titlePage@LARGE	• \thesis@titlePage@LARGE – Equivalent to \LARGE
\thesis@titlePage@huge	• \thesis@titlePage@huge – Equivalent to \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.

```

1991 <*12pt>
1992 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2016/05/15]
1993 </12pt>
1994
1995 \def\thesis@titlePage@normalsize{\fontsize@xiip{14.5}%
1996 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1997 \belowdisplayskip \abovedisplayskip
1998 \abovedisplayshortskip \z@ plus3\p@
1999 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2000 \let\@listi\@listI}
2001
2002 \def\thesis@titlePage@small{\fontsize@xiip{13.6}\selectfont
2003 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
2004 \belowdisplayskip \abovedisplayskip
2005 \abovedisplayshortskip \z@ plus3\p@
2006 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2007 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87

```

```

2008 \parsep 4.5\p@ plus2\p@ minus\p@
2009         \itemsep \parsep
2010         \topsep 9\p@ plus3\p@ minus5\p@}}
2011
2012 \def\thesis@titlePage@footnotesize{\fontsize@\xpt{12}\selectfont
2013 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2014 \belowdisplayskip \abovedisplayskip
2015 \abovedisplayshortskip \z@ plus3\p@
2016 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2017 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
2018 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
2019 \itemsep \parsep}}
2020
2021 \def\thesis@titlePage@scriptsize{\fontsize@\viipt{9.5pt}\selectfont}
2022 \def\thesis@titlePage@tiny{\fontsize@\vpt{7pt}\selectfont}
2023 \def\thesis@titlePage@large{\fontsize@\xivpt{18pt}\selectfont}
2024 \def\thesis@titlePage@Large{\fontsize@\xvipt{22pt}\selectfont}
2025 \def\thesis@titlePage@LARGE{\fontsize@\xxpt{25pt}\selectfont}
2026 \def\thesis@titlePage@huge{\fontsize@\xxvpt{30pt}\selectfont}
2027 \def\thesis@titlePage@Huge{\fontsize@\xxvpt{30pt}\selectfont}
2028
2029 {*12pt}
2030 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
2031 \renewcommand{\small}{\thesis@titlePage@small}
2032 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
2033 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
2034 \renewcommand{\tiny}{\thesis@titlePage@tiny}
2035 \renewcommand{\large}{\thesis@titlePage@large}
2036 \renewcommand{\Large}{\thesis@titlePage@Large}
2037 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
2038 \renewcommand{\huge}{\thesis@titlePage@huge}
2039 \renewcommand{\Huge}{\thesis@titlePage@Huge}
2040 
2041 \let\normalsize\normalsize
2042 \normalsize
2043
2044 \if@twoside
2045   \oddsidemargin 0.75in
2046   \evensidemargin 0.4in
2047   \marginparwidth 0pt
2048 \else
2049   \oddsidemargin 0.75in
2050   \evensidemargin 0.75in
2051   \marginparwidth 0pt
2052 \fi
2053 \marginparsep 10pt
2054
2055 \topmargin 0.4in
2056
2057 \headheight 20pt

```

```

2058 \headsep 10pt
2059 \topskip 10pt
2060 \footskip 30pt
2061
2062 <*10pt>
2063 \textheight = 43\baselineskip
2064 \advance\textheight by \topskip
2065 \textwidth 5.0truein
2066 \columnsep 10pt
2067 \columnseprule 0pt
2068
2069 \footnotesep 6.65pt
2070 \skip\footins 9pt plus 4pt minus 2pt
2071 \floatsep 12pt plus 2pt minus 2pt
2072 \textfloatsep 20pt plus 2pt minus 4pt
2073 \intextsep 12pt plus 2pt minus 2pt
2074 \dblfloatsep 12pt plus 2pt minus 2pt
2075 \dbltextfloatsep 20pt plus 2pt minus 4pt
2076
2077 \@fptop 0pt plus 1fil
2078 \@fpsep 8pt plus 2fil
2079 \@fpbot 0pt plus 1fil
2080 \@dblftop 0pt plus 1fil
2081 \@dblfpsep 8pt plus 2fil
2082 \@dblfpbot 0pt plus 1fil
2083 \marginparpush 5pt
2084
2085 \parskip 0pt plus 1pt
2086 \partopsep 2pt plus 1pt minus 1pt
2087
2088 </10pt>
2089 %
2090 <*11pt>
2091 \textheight = 39\baselineskip
2092 \advance\textheight by \topskip
2093 \textwidth 5.0truein
2094 \columnsep 10pt
2095 \columnseprule 0pt
2096
2097 \footnotesep 7.7pt
2098 \skip\footins 10pt plus 4pt minus 2pt
2099 \floatsep 12pt plus 2pt minus 2pt
2100 \textfloatsep 20pt plus 2pt minus 4pt
2101 \intextsep 12pt plus 2pt minus 2pt
2102 \dblfloatsep 12pt plus 2pt minus 2pt
2103 \dbltextfloatsep 20pt plus 2pt minus 4pt
2104
2105 \@fptop 0pt plus 1fil
2106 \@fpsep 8pt plus 2fil
2107 \@fpbot 0pt plus 1fil

```

```

2108 \@dblfpsep 0pt plus 1fil
2109 \@dblfpbot 8pt plus 2fil
2110 \@dblfpbot 0pt plus 1fil
2111 \marginparpush 5pt
2112
2113 \parskip 0pt plus 0pt
2114 \partopsep 3pt plus 1pt minus 2pt
2115
2116 </11pt>
2117 %
2118 {*12pt}
2119 \textheight = 37\baselineskip
2120 \advance\textheight by \topskip
2121 \textwidth 5.0truein
2122 \columnsep 10pt
2123 \columnseprule 0pt
2124
2125 \footnotesep 8.4pt
2126 \skip\footins 10.8pt plus 4pt minus 2pt
2127 \floatsep 14pt plus 2pt minus 4pt
2128 \textfloatsep 20pt plus 2pt minus 4pt
2129 \intextsep 14pt plus 4pt minus 4pt
2130 \dblfloatsep 14pt plus 2pt minus 4pt
2131 \dbltextfloatsep 20pt plus 2pt minus 4pt
2132
2133 \@fptop 0pt plus 1fil
2134 \@fpsep 10pt plus 2fil
2135 \@fpbot 0pt plus 1fil
2136 \@dblfpsep 0pt plus 1fil
2137 \@dblfpbot 10pt plus 2fil
2138 \@dblfpbot 0pt plus 1fil
2139 \marginparpush 7pt
2140
2141 \parskip 0pt plus 0pt
2142 \partopsep 3pt plus 2pt minus 2pt
2143
2144 </12pt>
2145 \@lowpenalty 51
2146 \@medpenalty 151
2147 \@highpenalty 301
2148 \@beginparpenalty -\@lowpenalty
2149 \@endparpenalty -\@lowpenalty
2150 \@itempenalty -\@lowpenalty
2151
2152 \def\@makechapterhead#1{%
2153   \setlength{\parindent}{\z@}%
2154   \setlength{\parskip}{\z@}%
2155   \Large \ChapFont
2156   \ifnum
2157     \c@secnumdepth >\m@ne

```

```

2158 \par\nobreak
2159 \vskip 10\p@
2160 \thechapter{} \space
2161 \fi #1\par
2162 \nobreak
2163 \vskip 20\p@}
2164
2165 \def\@makeschapterhead#1{%
2166 \setlength\parindent{\z@}%
2167 \setlength\parskip {\z@}%
2168 \Large \ChapFont #1\par
2169 \nobreak
2170 \vskip 20\p@}
2171
2172 \def\chapter{%
2173 \clearpage
2174 \thispagestyle{plain}
2175 \global\@topnum\z@
2176 \@afterindentfalse
2177 \secdef\@chapter\@schapter}
2178
2179 \def\@chapter[#1]#2{%
2180 \ifnum \c@secnumdepth
2181 >\m@ne
2182 \refstepcounter{chapter}%
2183 \typeout{@chapapp\space\thechapter.}%
2184 \addcontentsline{toc}{chapter}{\protect
2185 \numberline{\thechapter}\bfseries #1}
2186 \else
2187 \addcontentsline{toc}{chapter}{\bfseries #1}
2188 \fi
2189 \chaptermark{#1}%
2190 \addtocontents{lof}{%
2191 {\protect\addvspace{4\p@}}}
2192 \addtocontents{lot}{%
2193 {\protect\addvspace{4\p@}}}
2194 \if@twocolumn
2195 \atopnewpage[\makechapterhead{#2}]%
2196 \else
2197 \makechapterhead{#2}%
2198 \afterheading
2199 \fi
2200 }
2201
2202 \def\section{\startsection{section}{1}{\z@}{%
2203 -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
2204 \reset@font\large\bfseries}}
2205 \def\subsection{\startsection{subsection}{2}{\z@}{%
2206 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2207 \reset@font\normalsize\bfseries}}

```

```

2208 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
2209   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2210   \reset@font\normalsize}}
2211 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
2212   3.25ex plus1ex minus.2ex}{-1em}{%
2213   \reset@font\normalsize\bfseries}}
2214 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
2215   3.25ex plus1ex minus.2ex}{-1em}{%
2216   \reset@font\normalsize\bfseries}}
2217
2218 \leftmargini 2.5em
2219 \leftmarginii 2.2em % > \labelsep + width of '(m)'
2220 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
2221 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
2222 \leftmarginv 1em
2223 \leftmarginvi 1em
2224
2225 \leftmargin\leftmargini
2226 \labelsep .5em
2227 \labelwidth\leftmargini\advance\labelwidth-\labelsep
2228
2229 <10pt>
2230 \def@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
2231 \topsep 8\p@ plus2\p@ minus4\p@
2232 \itemsep 4\p@ plus2\p@ minus\p@}
2233
2234 \let@listi@listI
2235 @listi
2236
2237 \def@listII{\leftmargin\leftmarginii
2238   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2239   \topsep 4\p@ plus2\p@ minus\p@
2240   \parsep 2\p@ plus\p@ minus\p@
2241   \itemsep \parsep}
2242
2243 \def@listIII{\leftmargin\leftmarginiii
2244   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2245   \topsep 2\p@ plus\p@ minus\p@
2246   \parsep \z@ \partopsep\p@ plus\z@ minus\p@
2247   \itemsep \topsep}
2248
2249 \def@listIV{\leftmargin\leftmarginiv
2250   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2251
2252 \def@listV{\leftmargin\leftmarginv
2253   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2254
2255 \def@listVI{\leftmargin\leftmarginvi
2256   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2257 </10pt>

```

```

2258 %
2259 <*11pt>
2260 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
2261 \topsep 9\p@ plus3\p@ minus5\p@
2262 \itemsep 4.5\p@ plus2\p@ minus\p@}
2263
2264 \let\@listi\@listI
2265 \@listi
2266
2267 \def\@listII{\leftmargin\leftmarginii
2268 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2269 \topsep 4.5\p@ plus2\p@ minus\p@
2270 \parsep 2\p@ plus\p@ minus\p@
2271 \itemsep \parsep}
2272
2273 \def\@listIII{\leftmargin\leftmarginiii
2274 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2275 \topsep 2\p@ plus\p@ minus\p@
2276 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2277 \itemsep \topsep}
2278
2279 \def\@listIV{\leftmargin\leftmarginiv
2280 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2281
2282 \def\@listV{\leftmargin\leftmarginv
2283 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2284
2285 \def\@listVI{\leftmargin\leftmarginvi
2286 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2287 </11pt>
2288 %
2289 <*12pt>
2290 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
2291 \topsep 10\p@ plus4\p@ minus6\p@
2292 \itemsep 5\p@ plus2.5\p@ minus\p@}
2293
2294 \let\@listi\@listI
2295 \@listi
2296
2297 \def\@listII{\leftmargin\leftmarginii
2298 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2299 \topsep 5\p@ plus2.5\p@ minus\p@
2300 \parsep 2.5\p@ plus\p@ minus\p@
2301 \itemsep \parsep}
2302
2303 \def\@listIII{\leftmargin\leftmarginiii
2304 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2305 \topsep 2.5\p@ plus\p@ minus\p@
2306 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2307 \itemsep \topsep}

```

```

2308
2309 \def\@listiv{\leftmargin\leftmarginiv
2310   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2311
2312 \def\@listv{\leftmargin\leftmarginv
2313   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2314
2315 \def\@listvi{\leftmargin\leftmarginvi
2316   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2317 /12pt
2318 /opt

```

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

#### 3.5.3.1 The `style/mu/fithesis-fi.sty` file

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

```

2319 \NeedsTeXFormat{LaTeX2e}
2320 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2016/04/18]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2321 \thesis@color@setup{
2322   links={HTML}{FFD451},
2323   tableEmph={HTML}{FFD451},
2324   tableOdd={HTML}{FFF9E5},
2325   tableEven={HTML}{FFECB3}}

```

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

```

2326 \thesis@bibliography@setup{
2327   style=iso-numeric,
2328   sorting=none}
2329 \thesis@bibliography@load

```

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

```

2330 \ifx\thesis@type\thesis@rigorous
2331   \thesis@blocks@assignment@false
2332 \else\ifx\thesis@type\thesis@doctoral
2333   \thesis@blocks@assignment@false
2334 \fi\fi

```

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

---

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

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

```

2335 \def\thesis@blocks@advisor{%
2336   {\thesis@titlePage@large\hskip 0.3in}
2337   {\bf\thesis@{\advisorTitle}:} \thesis@advisor}}
2338 \def\thesis@blocks@titlePage@content{%
2339   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2340   {\thesis@titlePage@large\sc\thesis@{\typeName}\hskip 0.3in}
2341   {\thesis@titlePage@Large\bf\thesis@author}
2342   % If this is a rigorous thesis or a PhD thesis proposal,
2343   % typeset the name of the thesis advisor.
2344   \ifx\thesis@type\thesis@rigorous
2345     \thesis@blocks@advisor
2346   \else\ifx\thesis@type\thesis@proposal
2347     \thesis@blocks@advisor
2348   \fi\fi}%
2349 \def\thesis@blocks@advisorSignature{%
2350   \let@\A\relax\newlength{\A}
2351   \settowidth{\A}{\thesis@{\advisorSignature}}
2352   \setlength{\A}{\A+1cm}
2353   \hfill\raisebox{-0.5em}{\parbox{\A}{%
2354     \centering
2355     \rule{\A}{1pt}\hskip 1pt
2356     \thesis@{\advisorSignature}
2357   }}}%
2358 \def\thesis@blocks@titlePage@footer{%
2359   {\thesis@titlePage@large\thesis@place, \thesis@{\semester}}
2360   % If this is a rigorous thesis or a PhD thesis proposal,
2361   % create space for the advisor's signature.
2362   \ifx\thesis@type\thesis@rigorous
2363     \thesis@blocks@advisorSignature
2364   \else\ifx\thesis@type\thesis@proposal
2365     \thesis@blocks@advisorSignature
2366   \fi\fi}%

```

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

```

2367 \def\thesis@blocks@declaration{%
2368   \thesis@blocks@clear
2369   \begin{alwayssingle}%
2370     \chapter*{\thesis@{\declarationTitle}}%
2371     \thesis@declaration
2372     \vskip 2cm%
2373     \hfill\thesis@author
2374     \par\vfill\noindent
2375     \textbf{\thesis@{\advisorTitle}:} \thesis@advisor
2376     \par\vfil
2377   \end{alwayssingle}%

```

In Ph.D. theses, only the table of contents will be typeset in the front matter as per the formal requirements of the faculty<sup>2</sup>.

Note that there is no direct support for the seminar paper type. If you would like to change the contents of the preamble and the postamble, you should modify the \thesis@blocks@preamble and \thesis@blocks@postamble macros.

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

```
2378 \def\thesis@blocks@preamble{%
2379   \thesis@blocks@coverMatter
2380   \thesis@blocks@cover
2381   \thesis@blocks@titlePage
2382   \thesis@blocks@frontMatter
2383   \ifx\thesis@type\thesis@proposal
2384     \thesis@blocks@toc
2385   \else
2386     \thesis@blocks@assignment
2387     \thesis@blocks@declaration
2388     \thesis@blocks@thanks
2389     \thesis@blocks@clearRight
2390     \thesis@blocks@abstract
2391     \thesis@blocks@keywords
2392     \thesis@blocks@tables
2393   \fi}
2394 \def\thesis@blocks@postamble{%
2395   \thesis@blocks@bibliography}
```

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

#### 3.5.4.1 The style/mu/fithesis-sci.sty file

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

```
2396 \NeedsTeXFormat{LaTeXe}
2397 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2017/06/02]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
2398 \thesis@color@setup{
2399   links={HTML}{20E366},
2400   tableEmph={HTML}{8EDEAA},
2401   tableOdd={HTML}{EDF7F1},
2402   tableEven={HTML}{CCEDD8}}
```

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

---

<sup>2</sup>See [http://is.muni.cz/www/2575/dtedi/index\\_en.html](http://is.muni.cz/www/2575/dtedi/index_en.html)

<sup>3</sup>See <http://www.sci.muni.cz/NW/predpisy/od/OD-2014-05.pdf>

```

2403 \thesis@bibliography@setup{
2404   style=iso-numeric,
2405   sorting=none}
2406 \thesis@bibliography@load
The file uses Czech locale strings within the macros.
2407 \thesis@requireLocale{czech}

```

\ifthesis@czech The `\ifthesis@czech ... \else ... \fi` conditional is made available for testing whether or not the current locale is Czech.

```

2408 \def\ifthesis@czech{
2409   \expandafter\def\expandafter\@czech\expandafter{\string
2410   \czech}%
2411   \expandafter\expandafter\expandafter\def\expandafter
2412   \expandafter\expandafter\@locale\expandafter\expandafter
2413   \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
2414   \expandafter\csname\expandafter i\expandafter f\ifx\@locale
2415   \@czech
2416   true%
2417 \else
2418   false%
2419 \fi\endcsname}
2420 \ifthesis@czech
2421   \expandafter\expandafter\expandafter\let\expandafter\expandafter
2422     \csname ifthesis@czech\endcsname\csname iftrue\endcsname
2423 \else
2424   \expandafter\expandafter\expandafter\let\expandafter\expandafter
2425     \csname ifthesis@czech\endcsname\csname ifffalse\endcsname
2426 \fi

```

The file recognizes the following options:

- `abstractonsinglepage` – The abstracts are going to be typeset on a single page as opposed to being spread across several pages. This is the default for theses whose main locale is neither Czech nor English.

```

2427 \newif\ifthesis@abstractonsinglepage@
2428 \DeclareOption{abstractonsinglepage}{\thesis@abstractonsinglepage@true}
2429 \ifthesis@czech\else\ifthesis@english\else
2430   \ExecuteOptions{abstractonsinglepage}
2431 \fi\fi
2432 \ProcessOptions*

```

The file loads the following packages:

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

```

2433 \thesis@require{tikz}
2434 \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.

```
2435 \ifx\thesis@type\thesis@bachelors\else  
2436 \ifx\thesis@type\thesis@masters\else  
2437   \thesis@blocks@assignment@false  
2438 \fi\fi
```

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

```
2439 \thesis@blocks@assignment@hideIfDigital@false
```

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

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

```
2440 \def\thesis@blocks@bibEntry{  
2441   \begin{alwayssingle}  
2442     % Clear only the right page, if the main locale is Czech.  
2443     \ifthesis@czech  
2444       \begingroup  
2445         \let\thesis@blocks@clear\thesis@blocks@clearRight  
2446       \fi  
2447     \chapter*\{\thesis@@{bib@title}\}  
2448     \ifthesis@czech  
2449       \endgroup  
2450     \fi  
2451     % Calculate the width of the columns  
2452     \let@\A\relax\newlength{\A}\settowidth{\A}{%  
2453       \bf\thesis@@{bib@author}:}%  
2454     \let@\B\relax\newlength{\B}\settowidth{\B}{%  
2455       \bf\thesis@@{bib@thesisTitle}:}%  
2456     \let@\C\relax\newlength{\C}\settowidth{\C}{%  
2457       \bf\thesis@@{bib@programme}:}%
```

```

2458 \let\@D\relax\newlength{\@D}\settowidth{\@D}{{%
2459   \bf\thesis@@{bib@field}:}}
2460 % Unless this is a rigorous thesis, we will be typesetting the
2461 % name of the thesis advisor.
2462 \let\@E\relax\newlength{\@E}
2463   \ifx\thesis@type\thesis@rigorous
2464     \setlength{\@E}{0pt}%
2465   \else
2466     \settowidth{\@E}{\bf\thesis@@{bib@advisor}:}
2467   \fi
2468 \let\@F\relax\newlength{\@F}\settowidth{\@F}{{%
2469   \bf\thesis@@{bib@academicYear}:}}
2470 \let\@G\relax\newlength{\@G}\settowidth{\@G}{{%
2471   \bf\thesis@@{bib@pages}:}}
2472 \let\@H\relax\newlength{\@H}\settowidth{\@H}{{%
2473   \bf\thesis@@{bib@keywords}:}}
2474 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
2475 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2476   max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
2477 \let\@right\relax\newlength{\@right}\setlength{\@right}{%
2478   \textwidth-\@left-\@skip}
2479 % Typeset the table
2480 \renewcommand{\arraystretch}{2}
2481 \noindent\begin{thesis@newtable@old}%
2482   { @{}p{@left}@{\hskip\@skip}p{@right}@{}}
2483   \textbf{\thesis@@{bib@author}:} &
2484     \noindent\parbox[t]{\@right}{%
2485       \thesis@author\\
2486       \thesis@@{facultyName},\\
2487       \thesis@@{universityName}\\
2488       \thesis@department@name\\
2489     }\\
2490   \textbf{\thesis@@{bib@thesisTitle}:} \\
2491   & \thesis@title \\
2492   \textbf{\thesis@@{bib@programme}:} \\
2493   & \thesis@programme \\
2494   \textbf{\thesis@@{bib@field}:} \\
2495   & \thesis@field@name \\
2496 % Unless this is a rigorous thesis, typeset the name of the
2497 % thesis advisor.
2498 \ifx\thesis@type\thesis@rigorous\else
2499   \textbf{\thesis@@{bib@advisor}:} \\
2500   & \thesis@advisor \\
2501 \fi
2502 \textbf{\thesis@@{bib@academicYear}:} \\
2503   & \thesis@academicYear \\
2504 \textbf{\thesis@@{bib@pages}:} \\
2505   & \thesis@pages@preamble{} + \thesis@pages \\
2506 \textbf{\thesis@@{bib@keywords}:} \\
2507   & \thesis@TeXkeywords \\

```

```

2508     \end{thesis@newtable@old}}
2509 \end{alwayssingle}

\thesis@blocks@bibEntryEn The \thesis@blocks@bibEntryEn macro typesets a bibliographical entry in English unless the current locale is English.
2510 \def\thesis@blocks@bibEntryEn{%
2511   \ifthesis@english\else
2512     {\thesis@selectLocale{english}
2513      \begin{alwayssingle}
2514        \chapter*{\thesis@english@bib@title}%
2515        \% Calculate the width of the columns
2516        \let{@A}\relax\newlength{@A}\settowidth{@A}{%
2517          \bf\thesis@english@bib@author:}
2518        \let{@B}\relax\newlength{@B}\settowidth{@B}{%
2519          \bf\thesis@english@bib@thesisTitle:}
2520        \let{@C}\relax\newlength{@C}\settowidth{@C}{%
2521          \bf\thesis@english@bib@programme:}
2522        \let{@D}\relax\newlength{@D}\settowidth{@D}{%
2523          \bf\thesis@english@bib@field:}
2524        \% Unless this is a rigorous thesis, we will be typesetting
2525        \% the name of the thesis advisor.
2526        \let{@E}\relax\newlength{@E}
2527          \ifx\thesis@type\thesis@rigorous
2528            \setlength{@E}{0pt}%
2529          \else
2530            \settowidth{@E}{\bf\thesis@english@bib@advisor:}
2531          \fi
2532        \let{@F}\relax\newlength{@F}\settowidth{@F}{%
2533          \bf\thesis@english@bib@academicYear:}
2534        \let{@G}\relax\newlength{@G}\settowidth{@G}{%
2535          \bf\thesis@english@bib@pages:}
2536        \let{@H}\relax\newlength{@H}\settowidth{@H}{%
2537          \bf\thesis@english@bib@keywords:}
2538        \let{@skip}\relax\newlength{@skip}\setlength{@skip}{16pt}
2539        \let{@left}\relax\newlength{@left}\pgfmathsetlength{@left}{%
2540          max(@A, @B, @C, @D, @E, @F, @G, @H)}
2541        \let{@right}\relax\newlength{@right}\setlength{@right}{%
2542          \textwidth-@left-@skip}
2543        \% Typeset the table
2544        \renewcommand{\arraystretch}{2}
2545        \noindent\begin{thesis@newtable@old}%
2546          {@{}p{@left}@{\hskip@skip}p{@right}@{}}
2547          \textbf{\thesis@english@bib@author:} &
2548            \noindent\parbox[t]{@right}{%
2549              \thesis@author\\
2550              \thesis@english@facultyName,
2551              \thesis@english@universityName\\
2552              \thesis@departmentEn@name
2553            }\\
2554          \textbf{\thesis@english@bib@thesisTitle:}

```

```

2555     & \thesis@titleEn \\
2556     \textbf{\thesis@english@bib@programme:} \\
2557     & \thesis@programmeEn \\
2558     \textbf{\thesis@english@bib@field:} \\
2559     & \thesis@fieldEn@name \\
2560     % Unless this is a rigorous thesis, typeset the name of the
2561     % thesis advisor.
2562     \ifx\thesis@type\thesis@rigorous\else
2563         \textbf{\thesis@english@bib@advisor:} \\
2564         & \thesis@advisor \\
2565     \fi
2566     \textbf{\thesis@english@bib@academicYear:} \\
2567     & \thesis@academicYear \\
2568     \textbf{\thesis@english@bib@pages:} \\
2569     & \thesis@pages@preamble{} + \thesis@pages \\
2570     \textbf{\thesis@english@bib@keywords:} \\
2571     & \thesis@TeXkeywordsEn \\
2572     \end{thesis@newtable@old}
2573     \end{alwayssingle}
2574     }%
2575 \fi}

```

\thesis@blocks@abstractCs The \thesis@blocks@abstractCs macro typesets the abstract in Czech. If the current locale is Czech, the macro produces no output. The following extra data field is defined for the macro:

- abstractCs – the Czech title of the thesis used for the typesetting. This extra data field will expand to \thesis@abstract if the current locale of the thesis is Czech.

```

2576 \thesis@def@extra[{
2577   \ifthesis@czech
2578     \thesis@abstract
2579   \else
2580     \thesis@placeholder@extra@abstractCs
2581   \fi
2582 }]{abstractCs}
2583 \def\thesis@blocks@abstractCs{%
2584   \ifthesis@czech\else
2585     {\thesis@selectLocale{czech}}%
2586     \begin{alwayssingle}%
2587       \ifthesis@abstracionsinglepage@
2588         \thesis@blocks@clear
2589       \else
2590         % Start the new chapter without clearing the left page.
2591         \thesis@blocks@clearRight
2592       \fi
2593       {\let\thesis@blocks@clear\relax
2594       \chapter*{\thesis@czech@abstractTitle}}%
2595     \thesis@extra@abstractCs}%

```

```
2596     \par\vfil\null
2597     \end{alwayssingle}}%
2598 \fi}
```

\thesis@blocks@bibEntryCs The \thesis@blocks@bibEntryCs macro typesets a bibliographical entry in English unless the current locale is Czech. The macro uses the following extra data fields:

- programmeCs – the Czech name of the author’s study programme. This extra data field will expand to \thesis@programme if the current locale of the thesis is Czech.
- fieldCs – the Czech name of the author’s field of study. This extra data field will expand to \thesis@field@name if the current locale of the thesis is Czech.
- keywordsCs – the Czech keywords of the thesis. This extra data field will expand to \thesis@keywords if the current locale of the thesis is Czech.
- TeXkeywordsCs – the Czech TeX keywords of the thesis. This extra data field will expand to \thesis@TeXkeywords if the current locale of the thesis is Czech.

```
2599 \thesis@def@extra[{
2600   \ifthesis@czech
2601     \thesis@programme
2602   \else
2603     \thesis@placeholder@extra@programmeCs
2604   \fi
2605 }]{programmeCs}
2606 \thesis@def@extra[{
2607   \ifthesis@czech
2608     \thesis@field@name
2609   \else
2610     \thesis@placeholder@extra@fieldCs
2611   \fi
2612 }]{fieldCs}
2613 \thesis@def@extra[{
2614   \ifthesis@czech
2615     \thesis@title
2616   \else
2617     \thesis@placeholder@extra@titleCs
2618   \fi
2619 }]{titleCs}
2620 \thesis@def@extra[{
2621   \ifthesis@czech
2622     \thesis@keywords
2623   \else
2624     \thesis@placeholder@extra@keywordsCs
2625   \fi
```

```

2626 }]{keywordsCs}
2627 \thesis@def@extra[{
2628   \ifthesis@czech
2629     \thesis@TeXkeywords
2630   \else
2631     \thesis@placeholder@extra@keywordsCs
2632   \fi
2633 }]{TeXkeywordsCs}

2634 \def\thesis@blocks@bibEntryCs{%
2635   \ifthesis@czech\else
2636     {\thesis@selectLocale{czech}}
2637     \begin{alwayssingle}
2638       % Clear only the right page, if the main locale is English.
2639       \ifthesis@english
2640         \begingroup
2641           \let\thesis@blocks@clear\thesis@blocks@clearRight
2642         \fi
2643         \chapter*{\thesis@czech@bib@title}%
2644       \ifthesis@english
2645         \endgroup
2646       \fi
2647       % Calculate the width of the columns
2648       \let{@A}\relax\newlength{@A}\settowidth{@A}{%
2649         \bf\thesis@czech@bib@author:}
2650       \let{@B}\relax\newlength{@B}\settowidth{@B}{%
2651         \bf\thesis@czech@bib@thesisTitle:}
2652       \let{@C}\relax\newlength{@C}\settowidth{@C}{%
2653         \bf\thesis@czech@bib@programme:}
2654       \let{@D}\relax\newlength{@D}\settowidth{@D}{%
2655         \bf\thesis@czech@bib@field:}
2656       % Unless this is a rigorous thesis, we will be typesetting
2657       % the name of the thesis advisor.
2658       \let{@E}\relax\newlength{@E}
2659         \ifx\thesis@type\thesis@rigorous
2660           \setlength{@E}{0pt}%
2661         \else
2662           \settowidth{@E}{\bf\thesis@czech@bib@advisor:}
2663         \fi
2664       \let{@F}\relax\newlength{@F}\settowidth{@F}{%
2665         \bf\thesis@czech@bib@academicYear:}
2666       \let{@G}\relax\newlength{@G}\settowidth{@G}{%
2667         \bf\thesis@czech@bib@pages:}
2668       \let{@H}\relax\newlength{@H}\settowidth{@H}{%
2669         \bf\thesis@czech@bib@keywords:}
2670       \let{@skip}\relax\newlength{@skip}\setlength{@skip}{16pt}
2671       \let{@left}\relax\newlength{@left}\pgfmathsetlength{@left}{%
2672         max(@A, @B, @C, @D, @E, @F, @G, @H)}
2673       \let{@right}\relax\newlength{@right}\setlength{@right}{%
2674         \textwidth-@left-@skip}

```

```

2675     % Typeset the table
2676     \renewcommand{\arraystretch}{2}
2677     \noindent\begin{thesis@newtable@old}%
2678     {@{}p{@left}@{\hskip\@skip}p{@right}@{}}
2679     \textbf{\thesis@czech@bib@author:} &
2680     \noindent\parbox[t]{\@right}{%
2681         \thesis@author\ \
2682         \thesis@czech@facultyName,
2683         \thesis@czech@universityName\ \
2684         \thesis@extra@departmentCs
2685     }\ \
2686     \textbf{\thesis@czech@bib@thesisTitle:} \\
2687     & \thesis@extra@titleCs \\
2688     \textbf{\thesis@czech@bib@programme:} \\
2689     & \thesis@extra@programmeCs \\
2690     \textbf{\thesis@czech@bib@field:} \\
2691     & \thesis@extra@fieldCs \\
2692     % Unless this is a rigorous thesis, typeset the name of the
2693     % thesis advisor.
2694     \ifx\thesis@type\thesis@rigorous\else
2695         \textbf{\thesis@czech@bib@advisor:} \\
2696         & \thesis@advisor \\
2697     \fi
2698     \textbf{\thesis@czech@bib@academicYear:} \\
2699     & \thesis@academicYear \\
2700     \textbf{\thesis@czech@bib@pages:} \\
2701     & \thesis@pages@preamble{} + \thesis@pages \\
2702     \textbf{\thesis@czech@bib@keywords:} \\
2703     & \thesis@extra@TeXkeywordsCs \\
2704     \end{thesis@newtable@old} \\
2705     \end{alwayssingle}
2706     }%
2707 \fi}

```

\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.

```

2708 \def\thesis@blocks@frontMatter{%
2709   \thesis@blocks@clear
2710   \pagestyle{empty}
2711   \parindent 1.5em
2712   \setcounter{page}{1}
2713   \pagenumbering{roman}}

```

\thesis@blocks@cover The \thesis@blocks@cover macro typesets the thesis cover. The following extra data field is defined for the macro:

- departmentCs – the Czech name of the department at which the thesis is being written. This extra data field will expand to \thesis@department@name if the main locale of the thesis is Czech.

```

2714 \thesis@def@extra[{
2715   \ifthesis@czech
2716     \thesis@department@name
2717   \else
2718     \thesis@placeholder@extra@departmentCs
2719   \fi
2720 }]{departmentCs}
2721 \def\thesis@blocks@cover{%
2722   \thesis@selectLocale{czech}
2723   \ifthesis@cover@
2724     \thesis@blocks@clear
2725     \begin{alwayssingle}
2726       \begin{center}
2727         {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\%
2728           \thesis@titlePage@Large\thesis@czech@facultyName\[0.3em]\%
2729           \thesis@titlePage@normalsize\thesis@extra@departmentCs}
2730         \vfill
2731         {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
2732         \vfill
2733         {\thesis@titlePage@large\thesis@place
2734           \thesis@year\hfill\thesis@author}
2735         \end{center}
2736       \end{alwayssingle}
2737     \fi}}

```

\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. The following extra data field is defined for the macro:

- TeXtitleCs – the Czech title of the thesis used for the typesetting. This extra data field will expand to \thesis@TeXtitle if the main locale of the thesis is Czech.

```

2738 \thesis@def@extra[{
2739   \ifthesis@czech
2740     \thesis@TeXtitle
2741   \else
2742     \thesis@placeholder@extra@titleCs
2743   \fi
2744 }]{TeXtitleCs}
2745 \def\thesis@blocks@titlePage{%
2746   \thesis@blocks@clear
2747   \thesis@selectLocale{czech}
2748   \begin{alwayssingle}
2749     % The top of the page
2750     \begin{adjustwidth}{-12mm}{}
2751       \begin{minipage}[width=30mm]
2752         \thesis@blocks@universityLogo@color[width=30mm]
2753       \end{minipage}\begin{minipage}[width=89mm]

```

	<pre> 2754 \begin{center} 2755   {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\% 2756     \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]% 2757     \thesis@titlePage@normalsize\thesis@extra@departmentCs} 2758     \rule{\textwidth}{2pt}\vspace*{2mm} 2759   \end{center} 2760 \end{minipage}\begin{minipage}{30mm} 2761   \thesis@blocks@facultyLogo@color[width=30mm] 2762 \end{minipage} 2763 \end{adjustwidth} 2764 % The middle of the page 2765 \vfill 2766 \parbox{\textwidth}{% Prevent vfills from squashing the leading 2767   \bf\thesis@titlePage@Huge\thesis@extra@TeXtitleCs} 2768 {\thesis@titlePage@Huge\\[0.8em]} 2769 {\thesis@titlePage@large\thesis@czech@typeName\\[1em]} 2770 {\bf\thesis@titlePage@LARGE\thesis@author\\} 2771 \vfill\noindent 2772 % The bottom of the page 2773 {\bf\thesis@titlePage@normalsize 2774   % Unless this is a rigorous thesis, typeset the name of the 2775   % thesis advisor. 2776   \ifx\thesis@type\thesis@rigorous\else 2777     \thesis@czech@advisorTitle: \thesis@advisor\hfill 2778   \fi 2779   \thesis@place\ \thesis@year} 2780 \end{alwayssingle}}} </pre>
\thesis@blocks@thanks	The \thesis@blocks@thanks macro typesets the acknowledgements, if the \thesis@thanks macro is defined. Otherwise, the macro produces no output. As per the faculty requirements, the acknowledgements are positioned at the top of the page. <pre> 2781 \def\thesis@blocks@thanks{% 2782   \thesis@blocks@clear 2783   \ifx\thesis@thanks\undefined\else 2784     \begin{alwayssingle}% 2785       \chapter*\{\thesis@@{thanksTitle}\}% 2786       \leavevmode\thesis@thanks 2787     \end{alwayssingle}% 2788   \fi} </pre>
\thesis@blocks@declaration	The \thesis@blocks@declaration macro typesets the declaration text. Unlike the generic \thesis@blocks@declaration macro from the style/mu/fithesis-sci.sty file, this definition includes the date and a blank line for the author's signature, as per the requirements of the faculty. <pre> 2789 \def\thesis@blocks@declaration{% 2790   \begin{alwayssingle}% 2791     \leavevmode\vfill 2792     % Start the new chapter without clearing any page. </pre>

```

2793   {\let\thesis@blocks@clear\relax
2794   \chapter*{\thesis@@{declarationTitle}}}%%
2795   \thesis@declaration
2796   \vskip 2cm%
2797   {\let\@A\relax\newlength{\@A}
2798     \settowidth{\@A}{\thesis@@{authorSignature}}
2799     \setlength{\@A}{\@A+1cm}
2800   \noindent\thesis@place, \thesis@@{formattedDate}\hfill
2801   \begin{minipage}[t]{\@A}%
2802     \centering\rule{\@A}{1pt}\
2803     \thesis@@{authorSignature}\par
2804   \end{minipage}}
2805 \end{minipage}}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```

2806 \def\thesis@blocks@preamble{
2807   \thesis@blocks@coverMatter
2808   \thesis@blocks@cover
2809   \thesis@blocks@frontMatter
2810   \thesis@blocks@titlePage
2811   \thesis@blocks@clearRight
2812   \thesis@blocks@bibEntryCs
2813   \thesis@blocks@bibEntry
2814   \thesis@blocks@bibEntryEn
2815   \thesis@blocks@abstractCs
2816   \ifthesis@abstractonsinglepage@
2817     \begingroup
2818     \let\clearpage\relax
2819   \fi
2820   \thesis@blocks@abstract
2821   \thesis@blocks@abstractEn
2822   \ifthesis@abstractonsinglepage@
2823     \endgroup
2824   \fi
2825   \thesis@blocks@assignment
2826   {\thesis@selectLocale{czech}}%
2827   \thesis@blocks@thanks
2828   \thesis@blocks@declaration
2829   \thesis@blocks@clear
2830   \pagestyle{plain}%
2831   \thesis@blocks@tables}}
2832 \def\thesis@blocks@postamble{%

```

```
2833 \thesis@blocks@bibliography}
```

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

#### 3.5.5.1 The style/mu/fithesis-phil.sty file

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

```
2834 \NeedsTeXFormat{LaTeX2e}
2835 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2016/04/18]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
2836 \thesis@color@setup{
2837   links={HTML}{6FCEFF},
2838   tableEmph={HTML}{78CEFF},
2839   tableOdd={HTML}{EBF6FA},
2840   tableEven={HTML}{D0EBF5}}
```

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

```
2841 \thesis@bibliography@setup{
2842   style=iso-numeric,
2843   sorting=nty}
2844 \thesis@bibliography@load
```

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

```
2845 \thesis@blocks@titlePage@department@true
2846 \thesis@blocks@titlePage@field@true
```

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

- kisk – The Division of Information and Library Studies <sup>5</sup> (KISK)

```
2847 \def\thesis@departments{kisk}
```

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

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

```
2848 \ifx\thesis@department\thesis@departments{kisk}
2849   \def\thesis@department@name{\thesis@{\departmentName}}
2850   \def\thesis@departmentEn@name{\thesis@english@\departmentName}
2851 \fi
```

---

<sup>4</sup>See [http://is.muni.cz/auth/do/1421/4581421/Vzor\\_bakalarske\\_prace.pdf](http://is.muni.cz/auth/do/1421/4581421/Vzor_bakalarske_prace.pdf)

<sup>5</sup>See <http://kisk.phil.muni.cz/cs/povinnosti>.

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

```
2852 \ifx\thesis@department\thesis@departments@kisk
2853   \def\thesis@blocks@titlePage@content{%
2854     {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2855     {\thesis@titlePage@large\sc\thesis@{\typeName}\|[0.3in]}
2856     {\thesis@titlePage@Large\bf\thesis@author}
2857     % If this is a KISK thesis, typeset the name of the thesis
2858     % advisor.
2859     \ifx\thesis@department\thesis@departments@kisk
2860       {\thesis@titlePage@large\|[0.3in]
2861         {\bf\thesis@{\advisorTitle}:} \thesis@advisor}
2862     \fi}
2863 \fi
```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the \thesis@blocks@preamble and \thesis@blocks@postamble macros.

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

```
2864 \def\thesis@blocks@preamble{%
2865   \thesis@blocks@coverMatter
2866   \thesis@blocks@cover
2867   \thesis@blocks@titlePage
2868   \thesis@blocks@frontMatter}
```

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

```
2869   \ifx\thesis@department\thesis@departments@kisk
2870     \thesis@blocks@bibEntry
2871     \thesis@blocks@abstract
2872     \thesis@blocks@abstractEn
2873     \thesis@blocks@keywords
2874     \thesis@blocks@keywordsEn
2875   \fi
2876   \thesis@blocks@declaration
2877   \thesis@blocks@thanks
```

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

```
2878   \ifx\thesis@department\thesis@departments@kisk
2879     \thesis@blocks@toc
2880   \else
2881     \thesis@blocks@tables
2882   \fi}
2883 \def\thesis@blocks@postamble{%
2884   \ifx\thesis@department\thesis@departments@kisk
```

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

```
2885 \thesis@blocks@lot
2886 \thesis@blocks@lof
2887 \fi
2888 \thesis@blocks@bibliography}
```

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

#### 3.5.6.1 The `style/mu/fithesis-ped.sty` file

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

```
2889 \NeedsTeXFormat{LaTeX2e}
2890 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2016/04/18]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
2891 \thesis@color@setup{
2892   links={HTML}{FFA02F},
2893   tableEmph={HTML}{FFBB6B},
2894   tableOdd={HTML}{FFF1E0},
2895   tableEven={HTML}{FFDEB7}}
```

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

```
2896 \thesis@bibliography@setup{
2897   style=iso-numeric,
2898   sorting=nty}
2899 \thesis@bibliography@load
```

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

```
2900 \thesis@blocks@titlePage@department@true
2901 \def\thesis@blocks@titlePage@content{%
2902   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2903   {\thesis@titlePage@large\sc\thesis@{@{typeName}\|[0.3in]}}
2904   {\thesis@titlePage@Large\bf\thesis@author}
2905   % Typeset the name of the thesis advisor.
2906   {\thesis@titlePage@large\[0.3in]
2907     {\bf\thesis@{@{advisorTitle}:}\thesis@advisor}}}
```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

---

<sup>6</sup>See <https://is.muni.cz/auth/do/ped/VPAN/46952359/53057289>

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

```
2908 \def\thesis@blocks@preamble{%
2909   \thesis@blocks@coverMatter
2910   \thesis@blocks@cover
2911   \thesis@blocks@titlePage
2912   \thesis@blocks@frontMatter
2913   \thesis@blocks@bibEntry
2914   \thesis@blocks@abstract
2915   \thesis@blocks@abstractEn
2916   \thesis@blocks@keywords
2917   \thesis@blocks@keywordsEn
2918   \thesis@blocks@declaration
2919   \thesis@blocks@thanks
2920   \thesis@blocks@tables}
2921 \def\thesis@blocks@postamble{%
2922   \thesis@blocks@bibliography}
```

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

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

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. Because of the inexistence of faculty-wide formal requirements and recommendations with each department defining their own with varying degrees of rigour<sup>7</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.

```
2923 \NeedsTeXFormat{LaTeX2e}
2924 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2016/04/18]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
2925 \thesis@color@setup{
2926   links={HTML}{58EDD7},
2927   tableEmph={HTML}{69D6C6},
2928   tableOdd={HTML}{E3F1EE},
2929   tableEven={HTML}{C5E3DF}}
```

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

```
2930 \thesis@bibliography@setup{
2931   style=iso-authoryear,
```

---

<sup>7</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>

```

2932   sorting=nty}
2933 \thesis@bibliography@load

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

2934 \def\thesis@blocks@frontMatter{%
2935   \pagestyle{plain}
2936   \parindent 1.5em
2937   \setcounter{page}{1}
2938   \pagenumbering{roman}}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the \thesis@blocks@preamble and \thesis@blocks@postamble macros.

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

```

2939 \def\thesis@blocks@preamble{%
2940   \thesis@blocks@coverMatter
2941   \thesis@blocks@cover
2942   \thesis@blocks@titlePage
2943   \thesis@blocks@frontMatter
2944   \thesis@blocks@clearRight
2945   \thesis@blocks@abstract
2946   \thesis@blocks@abstractEn
2947   \thesis@blocks@keywords
2948   \thesis@blocks@keywordsEn
2949   \thesis@blocks@assignment
2950   \thesis@blocks@declaration
2951   \thesis@blocks@thanks
2952   \thesis@blocks@tables}
2953 \def\thesis@blocks@postamble{%
2954   \thesis@blocks@bibliography}

```

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

#### 3.5.8.1 The style/mu/fithesis-law.sty file

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

```

2955 \NeedsTeXFormat{LaTeX2e}
2956 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2017/05/21]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

---

<sup>8</sup>See <http://is.muni.cz/do/law/ud/predp/smer/S-07-2012.pdf>

```

2957 \thesis@color@setup{
2958   links={HTML}{CF86EB},
2959   tableEmph={HTML}{D39BE8},
2960   tableOdd={HTML}{F2EBF5},
2961   tableEven={HTML}{E5CCED}}

```

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

```

2962 \thesis@bibliography@setup{%
2963   style=iso-authoryear,
2964   sorting=nyt}
2965 \thesis@bibliography@load

```

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

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

```

2966 \def\thesis@blocks@cover@header{%
2967   {\sc\thesis@titlePage@Large\thesis@@{facultyLongName}\\\%
2968     \thesis@titlePage@large\thesis@department@name\\vskip 2em}}
2969 \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.

```

2970 \def\thesis@blocks@frontMatter{%
2971   \thesis@blocks@clear
2972   \pagestyle{plain}
2973   \parindent 1.5em
2974   \setcounter{page}{1}
2975   \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.

```

2976 \def\thesis@blocks@mainMatter{%
2977   \thesis@blocks@clear
2978   \pagestyle{thesisheadings}
2979   \parindent 1.5em\relax}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```
2980 \def\thesis@blocks@preamble{%
```

```

2981 \thesis@blocks@coverMatter
2982   \thesis@blocks@cover
2983   \thesis@blocks@titlePage
2984 \thesis@blocks@frontMatter
2985   \thesis@blocks@declaration
2986   \thesis@blocks@clearRight
2987     \thesis@blocks@abstract
2988     \thesis@blocks@abstractEn
2989     \thesis@blocks@keywords
2990     \thesis@blocks@keywordsEn
2991   \thesis@blocks@thanks
2992   \thesis@blocks@tables}

```

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

```

2993 \def\thesis@blocks@postamble{%
2994   \thesis@blocks@bibliography
2995   \thesis@blocks@assignment}

```

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

#### 3.5.9.1 The `style/mu/fithesis-econ.sty` file

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

```

2996 \NeedsTeXFormat{LaTeX2e}
2997 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2018/02/11]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2998 \thesis@color@setup{
2999   links={HTML}{F27995},
3000   tableEmph={HTML}{E8B88B},
3001   tableOdd={HTML}{F5ECEB},
3002   tableEven={HTML}{EBD8D5}}

```

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

```

3003 \thesis@bibliography@setup{
3004   style=iso-authoryear,
3005   sorting=nty}
3006 \thesis@bibliography@load

```

The file loads the following packages:

- `tikz` – Used for dimension arithmetic.

---

<sup>9</sup>See [https://is.muni.cz/auth/do/econ/predpisy/smernice/prehled/67159928/SmerniceDekana2017-c.2-o\\_zaverecnych\\_pracich\\_2017.pdf](https://is.muni.cz/auth/do/econ/predpisy/smernice/prehled/67159928/SmerniceDekana2017-c.2-o_zaverecnych_pracich_2017.pdf)

- `geometry` – Allows for modifications of the type area dimensions.
- `array` – Enables `<{decl.}` and `>{decl.}` declarations in table preambles.

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.

```
3007 \thesis@require{tikz}
3008 \thesis@require{geometry}
3009 \thesis@require{array}
3010 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
Enable the inclusion of the scanned assignment inside the digital version of the
document.
3011 \thesis@blocks@assignment@hideIfDigital@false
```

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

```
3012 \def\thesis@blocks@cover{%
3013   \ifthesis@cover@
3014     \thesis@blocks@clear
3015     \begin{alwayssingle}
3016       \thispagestyle{empty}
3017       \begin{center}
3018         \sc\thesis@titlePage@LARGE\thesis@@{universityName} \\
3019           \thesis@titlePage@Large\thesis@@{facultyName} \\
3020         \vfill
3021         \bf\thesis@titlePage@Huge\thesis@@{typeName}}
3022         \vfill
3023         \thesis@titlePage@large\thesis@place
3024           \thesis@year\hfill\thesis@author}
3025       \end{center}
3026     \end{alwayssingle}
3027   \fi}
```

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

```
3028 \thesis@blocks@titlePage@field@true
3029 \def\thesis@blocks@titlePage@content{%
3030   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
3031   \ifthesis@english\else
3032     {\v[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
3033   \fi {\v[0.3in]\thesis@titlePage@large\sc\thesis@@{typeName}}}
3034 \def\thesis@blocks@titlePage@footer{%
3035   {\thesis@titlePage@large
3036     \% Calculate the width of the thesis author and advisor boxes
3037     \let\A\relax\newlength{\A}\settowidth{\A}{%
```

```

3038     \bf\thesis@@{advisorTitle}:}}
3039     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
3040     \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
3041       \bf\thesis@@{authorTitle}:}}
3042     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
3043     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
3044       max(\@A,\@B)}
3045     \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
3046       max(\@C,\@D)}}

3047 % Typeset the thesis author and advisor boxes
3048 \begin{minipage}[t]{\@left}
3049   {\bf\thesis@@{advisorTitle}:}\hfill\thesis@advisor
3050 \end{minipage}\hfill\begin{minipage}[t]{\@right}
3051   {\bf\thesis@@{authorTitle}:}\hfill\thesis@author
3052 \end{minipage}\hfill[4em]\thesis@place, \thesis@year}}
```

\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.

```

3053 \def\thesis@blocks@frontMatter{%
3054   \thesis@blocks@clear
3055   % In case of double-sided typesetting, change the geometry
3056   \ifthesis@twoside@
3057     \newgeometry{top=25mm,bottom=20mm,left=35mm,
3058       right=15mm, includeheadfoot}
3059   \fi\pagestyle{empty}
3060   \parindent 1.5em
3061   \setcounter{page}{1}
3062   \pagenumbering{arabic}}}
```

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

```

3063 \def\thesis@blocks@mainMatter{%
3064   \thesis@blocks@clear
3065   % In case of double-sided typesetting, change the geometry
3066   \ifthesis@twoside@
3067     \newgeometry{top=25mm,bottom=20mm,left=35mm,
3068       right=15mm, includeheadfoot}
3069   \fi\pagestyle{thesisheadings}
3070   \parindent 1.5em\relax}
```

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

```

3071 \def\thesis@blocks@tables{%
3072   \thesis@blocks@lot
3073   \thesis@blocks@lof}
```

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

```

3074 \ifx\thesis@blocks@lot\relax\else
3075   \def\thesis@blocks@lot{%
3076     \thesis@blocks@clear
3077     \phantomsection
3078     \addcontentsline{toc}{chapter}{\listtablename}%
3079     \listoftables}
3080 \fi
3081
3082 \ifx\thesis@blocks@llof\relax\else
3083   \def\thesis@blocks@llof{%
3084     \thesis@blocks@clear
3085     \phantomsection
3086     \addcontentsline{toc}{chapter}{\listfigurename}%
3087     \listoffigures}
3088 \fi

```

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

```

3089 \def\thesis@blocks@declaration{%
3090   \begin{alwayssingle}%
3091     \thesis@blocks@clear
3092     \leavevmode\vfill
3093     % Start the new chapter without clearing any page.
3094     {\let\thesis@blocks@clear\relax
3095      \chapter*{\thesis@{@{declarationTitle}}}}%
3096     \thesis@declaration
3097     \vskip 2cm%
3098     {\let\@A\relax\newlength{\@A}
3099       \settowidth{\@A}{\thesis@{@{authorSignature}}}
3100       \setlength{\@A}{\@A+1cm}
3101       \noindent\thesis@place, \thesis@{@{formattedDate}}\hfill
3102       \begin{minipage}[t]{\@A}%
3103         \centering\rule{\@A}{1pt}\
3104         \thesis@{@{authorSignature}}\par
3105       \end{minipage}}
3106   \end{alwayssingle}}

```

`\thesis@blocks@abstract` The `\thesis@blocks@abstract` macro typesets the abstract. This definition typesets the abstract on the same page.

```

3107 \def\thesis@blocks@abstract{%
3108   \begin{alwayssingle}%
3109     \vskip 40\p@
3110     {\let\thesis@blocks@clear\relax
3111       \chapter*{\thesis@{@{abstractTitle}}}}%

```

	<pre> 3112     \noindent\thesis@abstract 3113 \end{alwayssingle}}</pre>
\thesis@blocks@abstractEn	The \thesis@blocks@abstractEn macro typesets the abstract in English. If the current locale is English, the macro produces no output. This macro typesets the abstract on the same page.
	<pre> 3114 \def\thesis@blocks@abstractEn{% 3115   \ifthesis@english\else 3116     {\thesis@selectLocale{english}% 3117      \begin{alwayssingle}% 3118        \vskip 20\p@ 3119        {\let\thesis@blocks@clear\relax 3120         \chapter*{\thesis@english@abstractTitle}}% 3121        \noindent\thesis@abstractEn 3122      \end{alwayssingle}}% 3123 \fi}</pre>
\thesis@blocks@keywords	The \thesis@blocks@keywords macro typesets the keywords. This definition typesets the keywords on the same page.
	<pre> 3124 \def\thesis@blocks@keywords{% 3125   \begin{alwayssingle}% 3126     \vskip 40\p@ 3127     {\let\thesis@blocks@clear\relax 3128      \chapter*{\thesis@{keywordsTitle}}% 3129      \noindent\thesis@TeXkeywords}% 3130   \end{alwayssingle}}</pre>
\thesis@blocks@keywordsEn	The \thesis@blocks@keywordsEn macro typesets the keywords in English. If the current locale is English, the macro produces no output.
	<pre> 3131 \def\thesis@blocks@keywordsEn{% 3132   \ifthesis@english\else 3133     {\thesis@selectLocale{english}% 3134      \begin{alwayssingle}% 3135        \vskip 20\p@ 3136        {\let\thesis@blocks@clear\relax% 3137         \chapter*{\thesis@english@keywordsTitle}}% 3138        \noindent\thesis@TeXkeywordsEn 3139      \end{alwayssingle}}% 3140 \fi}</pre>
\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: <ul style="list-style-type: none"> <li>• \thesis@locale@bib@author – The label of the author name entry</li> <li>• \thesis@locale@bib@title – The label of the title name entry</li> <li>• \thesis@locale@bib@titleEn – The label of the English title name entry (\thesis@english@bib@titleEn does not need to be defined)</li> </ul>

- `\thesis@locale@bib@department` – The label of the department name entry
- `\thesis@locale@bib@advisor` – The label of the advisor name entry
- `\thesis@locale@bib@year` – The label of the year entry

```

3141 \def\thesis@blocks@bibEntry{%
3142   \thesis@blocks@clear
3143   \noindent\begin{\thesis@newtable@old}{@{}>{\bfseries}l1@{}}
3144   \thesis@@{bib@author}: & \thesis@author \\ 
3145   \thesis@@{bib@thesisTitle}: & \thesis@title \\ 
3146 \ifthesis@english\else
3147   \thesis@@{bib@thesisTitleEn}: & \thesis@titleEn \\ 
3148 \fi
3149   \thesis@@{bib@department}: & \thesis@department \\ 
3150   \thesis@@{bib@advisor}: & \thesis@advisor \\ 
3151   \thesis@@{bib@year}: & \thesis@year \\ 
3152 \end{\thesis@newtable@old}}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```

3153 \def\thesis@blocks@preamble{%
3154   \thesis@blocks@coverMatter
3155   \thesis@blocks@cover
3156   \thesis@blocks@frontMatter
3157   \thesis@blocks@titlePage
3158   \thesis@blocks@assignment
3159   \thesis@blocks@bibEntry
3160   \thesis@blocks@abstract
3161   \thesis@blocks@abstractEn
3162   \thesis@blocks@keywords
3163   \thesis@blocks@keywordsEn
3164   \thesis@blocks@declaration
3165   \thesis@blocks@thanks
3166   \thesis@blocks@toc}

```

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

```

3167 \def\thesis@blocks@postamble{%
3168   \thesis@blocks@bibliography
3169   \thesis@blocks@tables}

```

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

#### 3.5.10.1 The `style/mu/fithesis-med.sty` file

This is the style file for the theses written at the Faculty of Medicine at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the Department of Optometry and Orthoptics<sup>10</sup>.

```
3170 \NeedsTeXFormat{LaTeX2e}
3171 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2018/02/11]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
3172 \thesis@color@setup{
3173   links={HTML}{F58E76},
3174   tableEmph={HTML}{FF9D85},
3175   tableOdd={HTML}{FFF5F6},
3176   tableEven={HTML}{FFDEDF}}
```

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

```
3177 \thesis@bibliography@setup{%
3178   style=iso-authoryear,
3179   sorting=ynt}
3180 \thesis@bibliography@load
```

The file loads the following packages:

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

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

```
3181 \thesis@require{tikz}
3182 \thesis@require{geometry}
3183 \thesis@require{setspace}
3184 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
3185 \def\thesis@blocks@cover{%
3186   \ifthesis@cover@
3187     \thesis@blocks@clear
3188     \begin{alwayssingle}
3189       \thispagestyle{empty}
3190       \begin{center}
3191         \sc\thesis@titlePage@LARGE\thesis@@{universityName}\%
```

---

<sup>10</sup>See [http://is.muni.cz/do/med/zpravypred/Optometrie/NALEZITOSTI\\_ZAVERECNE\\_PRACE.doc](http://is.muni.cz/do/med/zpravypred/Optometrie/NALEZITOSTI_ZAVERECNE_PRACE.doc)

```

3192     \thesis@titlePage@Large\thesis@@{facultyName}\\}
3193     \vfill
3194     {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
3195     \vfill
3196     {\thesis@titlePage@large\thesis@place
3197         \ \thesis@year\hfill\thesis@author}
3198     \end{center}
3199     \end{alwayssingle}
3200 \fi}

```

The style file redefines the title page content not to include the author's name and the title page footer to include both the author's and advisor's name, the field of study and the semester and place of the thesis defense in accordance with the requirements of the department.

```

3201 \def\thesis@blocks@titlePage@content{%
3202   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\[0.3in]}%
3203   {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}}
3204 \def\thesis@blocks@titlePage@footer{%
3205   {\thesis@titlePage@large
3206     % Calculate the width of the thesis author and advisor boxes
3207     \let{@A}\relax\newlength{@A}\settowidth{@A}{{%
3208       \bf\thesis@@{advisorTitle}:}}
3209     \let{@B}\relax\newlength{@B}\settowidth{@B}{\thesis@advisor}
3210     \let{@C}\relax\newlength{@C}\settowidth{@C}{{%
3211       \bf\thesis@@{authorTitle}:}}
3212     \let{@D}\relax\newlength{@D}\settowidth{@D}{\thesis@author}
3213     \let{@E}\relax\newlength{@E}\settowidth{@E}{{%
3214       \bf\thesis@@{fieldTitle}:}}
3215     \let{@F}\relax\newlength{@F}\settowidth{@F}{\thesis@field@name}
3216     \let{@left}\relax\newlength{@left}\pgfmathsetlength{@left}{%
3217       max(@A, @B)}
3218     \let{@right}\relax\newlength{@right}\pgfmathsetlength{@right}{%
3219       max(@C, @D, @E, @F)}
3220   % Typeset the thesis author and advisor boxes
3221   \begin{minipage}[t]{@left}
3222     {\bf\thesis@@{advisorTitle}:}\hfill\thesis@advisor
3223   \end{minipage}\hfill\begin{minipage}[t]{@right}
3224     {\bf\thesis@@{authorTitle}:}\hfill\thesis@author
3225     \\[1em]{\bf\thesis@@{fieldTitle}:}\hfill\thesis@field@name
3226   \end{minipage}\\[4em]\thesis@place, \thesis@@{semester}}}

```

#### \thesis@blocks@frontMatter

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

```

3227 \def\thesis@blocks@frontMatter{%
3228   \thesis@blocks@clear
3229   % In case of double-sided typesetting, change the geometry

```

```

3230 \ifthesis@twoside@
3231   \newgeometry{top=25mm,bottom=20mm,left=35mm,
3232     right=15mm, includeheadfoot}
3233 \fi\pagestyle{empty}
3234 \parindent 1.5em
3235 \setcounter{page}{1}
3236 \pagenumbering{roman}}

```

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

```

3237 \def\thesis@blocks@mainMatter{%
3238   \thesis@blocks@clear
3239   % In case of double-sided typesetting, change the geometry
3240   \ifthesis@twoside@
3241     \newgeometry{top=25mm,bottom=20mm,left=35mm,
3242       right=15mm, includeheadfoot}
3243   \fi\setcounter{page}{1}
3244   \pagenumbering{arabic}
3245   \pagestyle{thesisheadings}
3246   \parindent 1.5em
3247   \onehalfspacing}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the \thesis@blocks@preamble and \thesis@blocks@postamble macros.

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

```

3248 \def\thesis@blocks@preamble{%
3249   \thesis@blocks@coverMatter
3250   \thesis@blocks@cover
3251   \thesis@blocks@frontMatter
3252   \thesis@blocks@titlePage
3253   \onehalfspacing
3254   \thesis@blocks@clearRight
3255   \thesis@blocks@abstract
3256   \thesis@blocks@abstractEn
3257   \thesis@blocks@keywords
3258   \thesis@blocks@keywordsEn
3259   \thesis@blocks@bibEntry
3260   \thesis@blocks@declaration
3261   \thesis@blocks@thanks
3262   \thesis@blocks@tables}
3263 \def\thesis@blocks@postamble{%
3264   \thesis@blocks@bibliography}

```

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

#### 3.5.11.1 The `style/mu/fithesis-fsps.sty` file

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>11</sup>.

```
3265 \NeedsTeXFormat{LaTeX2e}
3266 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2018/02/11]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
3267 \thesis@color@setup{
3268   links={HTML}{93BCF5},
3269   tableEmph={HTML}{A8BDE3},
3270   tableOdd={HTML}{EBEFF5},
3271   tableEven={HTML}{D1DAEB}}
```

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

```
3272 \thesis@bibliography@setup{
3273   style=iso-authoryear,
3274   sorting=nty}
3275 \thesis@bibliography@load
```

The file loads the following packages:

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

In addition to this, the type area width is set to 14 cm in accordance with the formal requirements of the faculty.

```
3276 \thesis@require{tikz}
3277 \thesis@require{geometry}
3278 \thesis@require{setspace}
3279 \geometry{top=30mm,bottom=30mm,left=40mm,right=30mm,includeheadfoot}
```

The paragraph indentation is 1.25 cm as per the requirements of the faculty.

```
3280 \setlength{\parindent}{1.25cm}
```

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 year and place of the thesis defense in accordance with the formal requirements of the faculty.

```
3281 \def\thesis@blocks@titlePage@footer{%
3282   {\thesis@titlePage@large
```

---

<sup>11</sup>See [https://is.muni.cz/auth/do/fsps/studijni/info-stud/SZZ/pokyny\\_ZP\\_13-5-2013.pdf](https://is.muni.cz/auth/do/fsps/studijni/info-stud/SZZ/pokyny_ZP_13-5-2013.pdf)

```

3283  {%
3284    \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
3285      \bf\thesis@{\advisorTitle}:}%
3286    \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@{\advisor}}%
3287    \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
3288      \bf\thesis@{\authorTitle}:}%
3289    \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@{\author}}%
3290    \let\@E\relax\newlength{\@E}\settowidth{\@E}{\thesis@{\field}}%
3291    \let\@F\relax\newlength{\@F}\pgfmathsetlength{\@F}{max(\@D,\@E)}%
3292    \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
3293      max(\@A,\@B)}%
3294    \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
3295      max(\@C,\@F)}%
3296  }%
3297  % Typeset the thesis author and advisor boxes
3298  \begin{minipage}[t]{\@left}%
3299    {\bf\thesis@{\advisorTitle}:}\hfill\begin{minipage}[t]{\@right}%
3300      {\bf\thesis@{\authorTitle}:}\hfill\thesis@{\author}\hfill\thesis@{\field}%
3301    \end{minipage}\hskip[4em]\thesis@{\place}, \thesis@{\year}]%

```

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

```

3302 \def\thesis@blocks@frontMatter{%
3303   \thesis@blocks@clear
3304   \pagestyle{plain}
3305   \parindent 1.5em
3306   \setcounter{page}{1}
3307   \pagenumbering{roman}
3308   \onehalfspacing}

```

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

```

3309 \def\thesis@blocks@mainMatter{%
3310   \thesis@blocks@clear
3311   \setcounter{page}{1}
3312   \pagenumbering{arabic}
3313   \pagestyle{thesisheadings}
3314   \parindent 1.5em
3315   \onehalfspacing}

```

\thesis@blocks@bibliography The \thesis@blocks@bibliography macro typesets the bibliography. The leading is adjusted in accordance with the requirements of the faculty.

```

3316 \def\thesis@blocks@bibliography{%
3317   \ifthesis@bibliography@loaded@
3318     \ifthesis@bibliography@included@\else
3319       \singlespacing
3320     \thesis@blocks@clear

```

```

3321      {\emergencystretch=3em%
3322      \printbibliography[heading=bibintoc]}%
3323      \fi
3324  \fi}

```

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

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

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

```

3325 \def\thesis@blocks@declaration{%
3326   \thesis@blocks@clear
3327   \begin{alwayssingle}%
3328     \chapter*{\thesis@{@{declarationTitle}}%
3329     \thesis@declaration
3330     \vskip 2cm%
3331     \let\@A\relax\newlength{\@A}
3332     \settowidth{\@A}{\thesis@{@{authorSignature}}}
3333     \setlength{\@A}{\@A+1cm}
3334     \noindent\thesis@place, \thesis@{@{formattedDate}}\hfill
3335     \begin{minipage}[t]{\@A}%
3336       \centering\rule{\@A}{1pt}\
3337       \thesis@{@{authorSignature}}\par
3338     \end{minipage}
3339   \end{alwayssingle}}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the \thesis@blocks@preamble and \thesis@blocks@postamble macros.

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

```

3340 \def\thesis@blocks@preamble{%
3341   \thesis@blocks@coverMatter
3342   \thesis@blocks@cover
3343   \thesis@blocks@titlePage
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General: change of default size (11pt→12pt) [JP] . . . . .	1	
v0.1c		
General: default values of \facultyname and @thesissubtitle set for backward compatibility) [PS] . . . . .	1	
v0.1d		
General: removed def schapter from fit1*.clo [JP] . . . . .	1	
v0.1e		
General: add Brno to MU title [JP] . . . . .	1	
v0.1f		
General: add documentation for hyperref [JP] . . . . .	1	
v0.1g		
General: change of default size (12pt→11pt) [JP] . . . . .	1	
v0.2.00		
General: add sk lang [JP], Peter Cerensky] set default cls class to rapport3 [JP] . . . . .	1	
v0.2.01		
General: add subsubsection to toc [JP] . . . . .	1	
v0.2.02		
General: fix encoding bug [JP] . . . . .	1	
v0.2.03		
General: fix title spacing [PS, JP] . . . . .	1	
v0.2.04		
General: fix SK declaration [Peter Cerensky, JP] . . . . .	1	
v0.2.05		
General: add English abstract [JP] . . . . .	1	
v0.2.06		
General: fix : behind Advisor [JP] . . . . .	1	
v0.2.07		
General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP] \MainMatter should be placed after \tablesofcontents [PS] . . . . .	1	
v0.2.08		
General: add change of University name [JP] . . . . .	1	
v0.2.09		
General: add EN version of		

	University name [JP] . . . . .	1	the documentation. (backport of v0.2.15@r13) [VN] . . . . .	1
v0.2.10	General: fix EN name of Acknowledgement [JP] . . . . .	1	v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodeIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16)
	General: fix missing fi-logo.mf [JP,PS] . . . . .	1		[VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) . . . . .
v0.2.11	General: Licence change to the LPPL [JP] . . . . .	1	v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option.
v0.2.12	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. <a href="http://github.com/liskin/fithesis">http://github.com/liskin/fithesis</a> . . . . .	1		Dropped the support for typesetting theses outside MU. [VN] . . . . .
v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. <a href="http://github.com/liskin/fithesis">http://github.com/liskin/fithesis</a> . . . . .	1	v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN] . . . . .
v0.3.00	General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typo elements [VN] . . . . .	1	v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)
v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN] . . . . .	1		Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17) . . . . .
v0.3.02	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN] . . . . .	1	v0.3.09	General: A complete refactoring of the class. The class was
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] . . . . .	1		
v0.3.04	General: Import the url package to allow for the use of \url within			

	decomposed into a base class, locale files and style files. [VN] . 1	guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the \ifthesis@blocks@assignment conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN] . . . . . 1
v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packages listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN] . . . . . 1	
v0.3.11	General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths. Accounted for French spacing in the guide. Fixed the thesis@english@facultyName string. Documentation refinements. [VN] . . . . . 1	
v0.3.12	General: The subsections and subsubsections now use the correct tocdepth. [VN] . . . . . 1	
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous \thesis@blocks@clear block within the definition of \thesis@blocks@frontMatter in the fss style file. Added comments, fixed clubs and widows and removed text overflows within the user	
v0.3.14	General: Updated the documentation. [VN] . . . . . 1	
v0.3.15	General: Renamed \thesis@requireStyle to \thesis@requireWithOptions and moved the style loader from the \thesis@load routine to a new \thesis@requireStyle macro to make the semantics of \thesis@requireLocale and \thesis@requireStyle more similar. Changed the basepath, logopath, localepath and stylepath keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] . . . . . 1	
v0.3.16	General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker,	

	but more robust semantics now.	
v0.3.17	[VN] .....	1
	General: Changed a forgotten <code>\thesis@@lower{...}</code> invocation in the definition of <code>\thesis@czech@declaration</code> for the Faculty of Arts into <code>\thesis@@lower{czech@...}</code> , so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] ..	1
v0.3.18	General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output <code>fithesis3.ctan.zip</code> archive. Updated the license notice. Added a <code>README</code> file. Canonicalized a url within the user guides. Renamed the root directory from <code>fithesis3/</code> to <code>fithesis/</code> . Refactored the makefiles. Added developer example files. Renamed <code>docstrip.cfg</code> to <code>LICENSE.tex</code> to better describe its role. The <code>fithesis.dtx</code> file now generates a <code>VERSION.tex</code> file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN] ..	1
v0.3.19	General: Updated the license. Added the <code>fithesis-</code> prefix to locale files. Proof-read and updated the documentation. Encapsulated the <code>localeInheritance</code> and <code>styleInheritance</code> setters. Added the	
	<code>\thesis@selectLocale{...}</code> , which acts as a replacement for <code>\def\thesis@locale{...}</code> , which also switches hyphenation patterns. The macro definitions inside locale files are now global to account for the fact that it now makes sense to include locale files on-site (and therefore possibly inside a group) using the <code>\thesis@selectLocale</code> . The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN] ..	1
v0.3.20	General: Removed an extraneous <code>\hypersetup</code> option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] ..	1
v0.3.21	General: Fixed an invalid font name. [VN] ..	1
v0.3.22	General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN] ..	1
v0.3.23	General: Fixed a typo in the Slovak locale. [VN] ..	1
v0.3.24	General: Added the <code>\thesis@backend tunable</code> . The hyphenation pattern switching now uses <code>polyglossia</code> instead of crude <code>\language</code> switching whenever possible. Added the opt-out <code>microtype</code> class option, which loads the <code>microtypographic</code> extension. The <code>\thesis@locale@summer</code> and	

	@winter locale macros were renamed to @spring and @fall. The \thesis@parseDate now uses more realistic month ranges to set \thesis@season and \thesis@academicYear. Removed the extraneous indent in the \thesis@blocks@declaration macro definition within the style/mu/fithesis-fi.sty style file. \paragraphs are not included in the table of contents by default. The table class option now supports the tabu environment. The list of tables and the list of figures now have an entry in the table of contents for the style/mu/fithesis-econ.sty style file. [VN] . . . . .	1	the locale and expand \thesis@blocks@preamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files.
v0.3.25	General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] . . . . .	1	[VN] . . . . .
v0.3.26	General: Updated the example documents and the user guide. Fixed a typo in the description of \thesis@season. [VN] . . . . .	1	General: As a preparation for the future inclusion of bibliography support, the csquotes package is loaded, @csquotesStyle is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style.
v0.3.27:1	General: Fixed a typo in the guide. Added a compatibility layer for \title, \author, and \maketitle. Minor changes of the documentation. [VN] . . . . .	1	[VN] . . . . .
v0.3.27:2	General: \thesis@selectLocale is no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@locale). Instead, \thesis@preamble and @postamble now locally switch		General: The PDF bookmarks are no longer garbled, when the LuaTeX engine is used. [VN] . . . . .
v0.3.28:1			General: The draft option has no longer an effect on the microtype package. The \thesis@require command now also takes an optional argument and the \thesis@requireWithOption command has become \thesis@requireIfExists.
v0.3.28:2			[VN] . . . . .
			General: If the thesis locale and the document locale is the same (the default behaviour), the

\thesis@selectLocale macro is applied globally at the beginning of the document. As a result, the csquotes style is automatically set for the entire document. [VN] . . . . .	1	style/mu/fithesis-1*.clo and style/mu/fithesis-base.sty files was refactored and reformatted. Alternative templates for the Faculty of Science at the Masaryk University in Brno are now mentioned in the respective user guide. [VN] . . . . .	1
v0.3.29:1  General: The initial pages of the styles of the Masaryk University in Brno are no longer page-numbered, so that hyperref links work correctly. [VN] . . . . .	1	v0.3.31:3  General: The style/mu/fithesis-sci.sty style file redefines \thesis@blocks@declaration to include a formatted date and an author's signature field. The locale file style/mu/sci/czech.def contains a new string \thesis@czech@formattedDate. [VN] . . . . .	1
v0.3.29:2  General: The printed and digital class options, which set all the options appropriate for either the printed or the digital versions of a document, are now available for the style files of the Masaryk University in Brno. [VN] . . . . .	1	v0.3.31:3  General: The style/mu/fithesis-sci.sty style file redefines \thesis@blocks@declaration to include a formatted date and an author's signature field. The locale file style/mu/sci/czech.def contains a new string \thesis@czech@formattedDate. [VN] . . . . .	1
v0.3.29:3  General: The table class option for the style files of the Masaryk University in Brno now loads all the required packages and changes the table measurements even when the color option is not specified. [VN] . . . . .	1	v0.3.32  General: Fixed a regression from v0.3.27:2 – The margins in \thesis@blocks@mainMatter were corrected in the style files of the Faculty of Economics and Administration and the Faculty of Medicine at the Masaryk University in Brno. [VN] . . . . .	1
v0.3.30  General: The \thesis@seasonYear macro has been added, which, unlike \thesis@year takes into account the fact that January and February of the year $n$ still belong to the fall semester of the year $n - 1$ . [VN] . . . . .	1	v0.3.33  General: Added \thesis@patch. [VN] . . . . .	1
v0.3.31:1  General: The redefinitions of \appendix from the style/mu/fithesis-1*.clo files, which broke hyperref links to appendices, were removed. [VN] . . . . .	1	v0.3.34  General: Added visual tests of output PDFs. The test/ directory is now also uses the university/faculty path scheme employed by the rest of the package. [VN] . . . . .	1
v0.3.31:2  General: All trailing %s were removed. Some of the inherited fithesis2 code in the		v0.3.35:1  General: Added support for the Division of Information and Library Studies of the Faculty of Arts at the Masaryk University in Brno. This support is enabled by specifying \thesis@department to be kisk. [VN] . . . . .	1

v0.3.35:2	General: Added support for seminar papers on the fithesis3 class level. The style files for the faculties of the Masaryk University in Brno do not provide any special handling of this thesis type yet. [VN] . . . . . 1	Masaryk University in Brno. [VN] . . . . . 1
v0.3.35:3	General: Fixed \l@locale being possibly undefined in a LuaLaTeX run. [VN] . . . . . 1	v0.3.39:2 General: The assignment key no longer affects the page numbers and takes into account the digital and printed class options in the style files of the Masaryk University in Brno. [VN] . . . . . 1
v0.3.36	General: The \thesis@load macro has been lifted to the public API as \thesisload. [VN] . . . . . 1	v0.3.40 General: Fixed \thesis@pages not working properly when the autoLayout key is set to false. Added a section on the markdown package to the example documents of the Masaryk University in Brno.
v0.3.37	General: The \tableofcontents in the style files of the Masaryk University in Brno now correctly handles all tocdepth values. The expansion of \part also no longer results in a hyperref-related error in the style files of the Masaryk University in Brno. [VN] . . . . . 1	Added the \ifthesis@blocks@assignment@hideIfDigital@ conditional to the style/mu/fithesis-base.sty style file. [VN] . . . . . 1
v0.3.38:1	General: The bib key was added on the fithesis3 class level and is supported by the style files of the Masaryk University in Brno. [VN] . . . . . 1	v0.3.41 General: Removed the arbitrary limitation of \thesissetup, which prevented it from accepting multi-paragraph values. The \thesislong macro is therefore no longer necessary, but kept around for backwards compatibility. [VN] . . . . . 1
v0.3.38:2	General: Fixed \thesis@pages not taking \thesis@postamble into account. Fixed the chapter number being printed regardless of secnumdepth by the style files of the Masaryk University in Brno. Fixed \thesis@blocks@assignment being typeset in Czech only by the style file of the Faculty of Science at the Masaryk University in Brno. [VN] . . . . . 1	v0.3.42 General: Documented that all color settings are done in the RGB colorspace, which makes the color option suitable mostly for the digital versions of fithesis documents rather than for printing. Added the thesis proposal thesis type. [VN] . . . . . 1
v0.3.39:1	General: The \thesis@blocks@bibliography now uses an emergency stretch of 3 em in the style files of the	v0.3.43 General: Added a mention about the thesis proposal thesis type to the user guide for the Faculty of Informatics at the Masaryk University, Brno and fixed a bad citation in the user guides for the Masaryk University, Brno. Added an extra english

option for babel in the examples for the Masaryk University, Brno.	\thesis@blocks@abstractCs:
\thesis@blocks@thanks no longer gobbles leading spaces of \thesis@thanks. A fix in the Slovak locale by kiraacorsac at GitHub. [VN] .....	Defined the \thesis@blocks@abstractCs macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Páleník. [VN] .....
v0.3.44	87
General: Added an additional hyphenation hint to the example document. [VN] .....	\thesis@blocks@bibEntry:
Fixed the color in the logo of FI MU. [VN] .....	Bibliographical entries in style/mu/fithesis-sci.sty now face each other when the main locale is either Czech or English. [VN] .....
Fixed wrong / missing non-breaking spaces in Czech / Slovak localization. [VN] .....	84
The captions in the examples for MU are now above tables. [VN] .....	\thesis@blocks@bibEntryCs:
The style file for FSpS, MU now complies with updated requirements. [VN] .....	Bibliographical entries in style/mu/fithesis-sci.sty now face each other when the main locale is either Czech or English. [VN] .....
The style file for FSpS, MU now includes place, date, and signature field next to the declaration. [VN] .....	89
The style file for FSpS, MU now uses 1.5 spacing outside bibliography. [VN] .....	Defined the \thesis@blocks@bibEntryCs macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Páleník. [VN] .....
The style file for FSpS, MU now uses a 14 cm wide type area. [VN] .....	88
The style file for FSpS, MU now uses different declaration text. [VN] .....	\thesis@blocks@thanks: Redefined the \thesis@blocks@thanks and \thesis@blocks@declaration macros in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Páleník. [VN] .....
The style file for FSpS, MU now uses different title page layout. [VN] .....	92
v0.3.45	\thesis@pages@preamble: Defined the \thesis@pages@preamble and \thesis@pages@postamble macros. The patch was submitted by Juraj Páleník. [VN] .....
\ifthesis@czech: Defined the \ifthesis@czech macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Páleník. [VN] .....	18
Defined the abstractonsinglepage option in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Páleník. [VN] .....	\thesisload: Updated the \ifthesis@english macro, so that it no longer dynamically reacts to changes of the locale. Instead, it is now based on the main locale during the expansion of \thesisload. . .
83	22
\thesissetup: Added the extra key to \thesissetup and defined the helper \thesis@def@extra macro.	

	[VN] .....	19	in locale/mu/econ/*.def.
	General: Added Slovak localization for the style/mu/fithesis-sci.sty style file. The localization was submitted by Juraj Páleník. [VN] .....	51	[VN] .....
v0.3.46	\thesis@blocks@abstract: Redefined \thesis@blocks@abstract, \thesis@blocks@abstractEn, \thesis@blocks@keywords, and \thesis@blocks@keywordsEn in style/mu/fithesis-econ.sty in accordance with the example documents. The patch was submitted by Jana Ratajská. [VN] .....	103	33, 39, 48
	\thesis@blocks@abstractEn: Simplified the definition of \thesis@blocks@abstractEn in style/mu/fithesis-base.sty. [VN] .....	65	Lifted the authorSignature and formattedDate strings to the global locale file interface. [VN] .....
	\thesis@blocks@bibEntry: Defined \thesis@blocks@bibEntry in style/mu/fithesis-econ.sty in accordance with the example documents. The patch was submitted by Jana Ratajská. [VN] .....	105	28
	\thesis@blocks@declaration: Redefined \thesis@blocks@declaration in style/mu/fithesis-econ.sty in accordance with the example documents. The patch was submitted by Jana Ratajská. [VN] .....	103	Lifted the bib@author, bib@thesisTitle, and bib@advisor strings from locale/mu/sci/*.def to locale/mu/*.def, so that they can be shared with locale/mu/econ/*.def. [VN] .....
	\thesis@blocks@keywordsEn: Simplified the definition of \thesis@blocks@keywordsEn in style/mu/fithesis-base.sty. [VN] .....	66	31, 38, 46
	General: Defined strings required by \thesis@blocks@bibEntry from style/mu/fithesis-econ.sty		The documentation now points to the 2/2017 dean's directive for the Faculty of Economics and Administration, Masaryk University, Brno. [VN] .....
v0.3.47		100	100
			Updated the \abstractTitle string in locale/mu/econ/*.def in accordance with the 2/2017 dean's directive. The patch was submitted by Jana Ratajská. [VN] .....
			33, 39, 48
			Updated the declaration string in locale/mu/econ/*.def in accordance with the 2/2017 dean's directive. [VN] .....
			40, 48
	General: Added an \ifthesis@blocks@assignment@hideIfDigital@ test to the definition of the assignment string for the Masaryk University in Brno. [VN] .....		31, 37, 46
			Enabled the inclusion of the scanned assignment inside the digital version of the document in style/mu/fithesis-econ.sty in accordance with the formal requirements of the faculty. The patch was submitted by Jana Ratajská. [VN] .....
			101
			Moved the \ifthesis@digital tests from locale/*.def to locale/mu/*.def, since \ifthesis@digital is

undefined in fithesis3.cls. [VN] .....	<a href="#">29</a> , <a href="#">31</a> , <a href="#">35</a> , <a href="#">37</a> , <a href="#">43</a> , <a href="#">46</a>	
Updated the declaration string in locale/mu/econ/*.def in accordance with the 2/2017 dean's directive. [VN] .....	<a href="#">40</a> , <a href="#">48</a>	
v0.3.48		
General: Changed \thesis@english@thanksTitle to plural. [VN] .....	<a href="#">30</a>	
v0.3.49		
General: \emph uses the italic type face rather than the slanted type face. [VN] .....	<a href="#">52</a>	
		v0.3.50
		\thesisload: Make writes immediate, so that they do not get lost when they occur at an empty page. [VN] .....
		<a href="#">23</a>