

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 \LaTeX kernel. Used for the `\ltx@ifpackageloaded` command, which – unlike its `\@ifpackageloaded` counterpart – can be used outside the preamble.
- `ifxetex` – Used to detect the $X_{\text{E}}\LaTeX$ engine.
- `ifluatex` – Used to detect the $\text{Lua}\LaTeX$ engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the $X_{\text{E}}\LaTeX$ and $\text{Lua}\LaTeX$ engines.

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

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

dedicated to the respective style files. At the moment, all options are processed by the `style/mu/fithesis-base.sty` style file documented in Section 3.6.2.2.

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 \LaTeX document. When used, the *keyvals* are processed.

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

```
13 \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\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\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         ../#4/%
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 L^AT_EX `\author` macro also sets this key.

```

87 \def\thesis@parseAuthor#1{%
88   \def\thesis@author{#1}%
89   \def\thesis@author@head{\expandafter\expandafter\expandafter
90     \@gobble\thesis@head#1 \relax}%
91   \def\thesis@author@tail{\thesis@tail#1 \relax}}
92 \thesis@def{author}%
93 \thesis@def[author]{author@head}%
94 \thesis@def[author]{author@tail}%
95 \define@key{thesis}{author}{%
96   \thesis@parseAuthor{#1}}
97 \let\author\thesis@parseAuthor

```

`\thesis@id` 2.2.8 The id key

The `{\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>
Bachelor's thesis	bc
Master's thesis	mgr
Doctoral thesis	d
Rigorous thesis	r

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

```

\thesis@bachelors
\thesis@masters
\thesis@doctoral
101 \def\thesis@bachelors{bc}
102 \def\thesis@masters{mgr}
103 \def\thesis@doctoral{d}
104 \def\thesis@rigorous{r}
105 \let\thesis@type\thesis@bachelors
106 \define@key{thesis}{type}{%
107   \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.

```

108 \def\thesis@university{mu}
109 \define@key{thesis}{university}{%
110   \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`.

```

111 \def\thesis@faculty{fi}
112 \define@key{thesis}{faculty}{%
113   \def\thesis@faculty{#1}}

```

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

The `{\langle department=name\rangle}` pair sets the name of the department, at which the thesis is being written, to *name*. Unlike the university and faculty identifiers, the department *name* is only used for typesetting and it should therefore be specified in plain language with optional T_EX macros. The *name* is stored within the `\thesis@department` macro.

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

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

The `{\langle departmentEn=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.

```
117 \thesis@def{departmentEn}  
118 \define@key{thesis}{departmentEn}{%  
119   \def\thesis@departmentEn{#1}}
```

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

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

```
120 \thesis@def{programme}  
121 \define@key{thesis}{programme}{%  
122   \def\thesis@programme{#1}}
```

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

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

```
123 \thesis@def{programmeEn}  
124 \define@key{thesis}{programmeEn}{%  
125   \def\thesis@programmeEn{#1}}
```

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

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

```

126 \thesis@def{field}
127 \define@key{thesis}{field}{%
128   \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.

```

129 \thesis@def{fieldEn}
130 \define@key{thesis}{fieldEn}{%
131   \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 T_EX directory structure. The logo file is loaded from the `\thesis@logopath\thesis@universityLogo` path.

```

132 \def\thesis@universityLogo{fithesis-base}
133 \define@key{thesis}{universityLogo}{%
134   \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 T_EX directory structure. The logo file is loaded from the `\thesis@logopath\thesis@facultyLogo` path.

```

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

```

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

The `{\style=filename}` pair sets the filename of the style file to be used to *filename*. The *filename* is stored within the `\thesis@style` macro, whose implicit value is `\thesis@university/fithesis-\thesis@faculty`. When the *filename* is an empty token string, no style files will be loaded during the main routine (see Section 3.1).

```

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

```

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

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

```
141 \newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
142 \define@key{thesis}{styleInheritance}[true]{%
143   \begingroup
144   \def\@true{true}%
145   \def\@arg{#1}%
146   \ifx\@true\@arg
147     \endgroup\thesis@style@inheritancetrue
148   \else
149     \endgroup\thesis@style@inheritancefalse
150   \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 3.1).

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

```
157 \def\ifthesis@english{
158   \expandafter\def\expandafter\@english\expandafter{\string
159     \english}%
160   \expandafter\expandafter\expandafter\def\expandafter
161     \expandafter\expandafter\@locale\expandafter\expandafter
162     \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
163   \expandafter\csname\expandafter i\expandafter f\ifx\@locale
164     \@english
165     true%
166   \else
```

```

167     false%
168   \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 3.2) and can be tested using the `\ifthesis@locale@inheritance ...\else ...\fi` conditional. Inheritance is enabled for locale files by default.

```

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

<code>\thesis@parseDate</code>	
<code>\thesis@date</code>	
<code>\thesis@year</code>	• <code>\thesis@date</code> – The entire <i>date</i>
<code>\thesis@month</code>	• <code>\thesis@month</code> – The MM of <i>date</i>
<code>\thesis@day</code>	• <code>\thesis@year</code> – The YYYY of <i>date</i>
	• <code>\thesis@day</code> – The DD of <i>date</i>
<code>\thesis@season</code>	• <code>\thesis@season</code> – Expands to either: <ul style="list-style-type: none"> – spring if $2 < \text{MM} < 9$, – fall if $\text{MM} \leq 2$ or $\text{MM} \geq 9$.
<code>\thesis@seasonYear</code>	• <code>\thesis@seasonYear</code> – The year of the given semester: <ul style="list-style-type: none"> – YYYY – 1 if $\text{MM} \leq 2$. – YYYY if $\text{MM} > 2$
<code>\thesis@academicYear</code>	• <code>\thesis@academicYear</code> – The academic year of the given semester: <ul style="list-style-type: none"> – YYYY – 1/YYYY if $\text{MM} < 9$. – YYYY/YYYY + 1 if $\text{MM} \geq 9$

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.

```

179 \def\thesis@parseDate#1/#2/#3|{{
180 % Set the basic macros
181 \gdef\thesis@date{#1/#2/#3}%
182 \gdef\thesis@year{#1}%
183 \gdef\thesis@month{#2}%
184 \gdef\thesis@day{#3}%
185
186 % Set the season
187 \newcount\@month\expandafter\@month\thesis@month\relax
188 \ifnum\@month>8\gdef\thesis@season{fall}
189 \else\ifnum\@month<3\gdef\thesis@season{fall}
190 \else \gdef\thesis@season{spring}
191 \fi\fi
192
193 % Set the academic year
194 \newcount\@year\expandafter\@year\thesis@year\relax
195 \ifnum\@month>8%
196 \edef\@yearA{\the\@year}%
197 \advance\@year 1\edef\@yearB{\the\@year}%
198 \advance\@year-1
199 \else
200 \advance\@year-1\edef\@yearA{\the\@year}%
201 \advance\@year 1\edef\@yearB{\the\@year}%
202 \fi
203 \global\edef\thesis@academicYear{\@yearA/\@yearB}
204
205 % Set the season year
206 \ifnum\@month>2\else
207 \advance\@year-1
208 \fi
209 \global\edef\thesis@seasonYear{\the\@year}}
210
211 \edef\thesis@date{\the\year/\the\month/\the\day}%
212 \expandafter\thesis@parseDate\thesis@date|
213
214 \define@key{thesis}{date}{{}%
215 \edef\@date{#1}%
216 \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.

```

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

```

```
219 \def\thesis@place{#1}}
```

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

The `{\title=title}}` pair sets the title of the thesis to *title*. The *title* is stored within the `\thesis@title` macro. The standard L^AT_EX `\title` macro also sets this key.

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

`\maketitle` The standard L^AT_EX `\maketitle` macro is defined, but disabled.

```
224 \let\maketitle\relax
```

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

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

```
225 \def\thesis@TeXtitle{\thesis@title}
226 \define@key{thesis}{TeXtitle}{%
227   \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.

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

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

The `{\TeXtitleEn=title}}` pair sets the English T_EX 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`.

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

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

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

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

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

The `{\TeXkeywords=list}` pair sets the T_EX 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.

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

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

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

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

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

The `{\TeXkeywordsEn=list}` pair sets the English T_EX 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.

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

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

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

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


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

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

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

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

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

```
252 \thesis@def{advisor}
253 \define@key{thesis}{advisor}{\def\thesis@advisor{#1}}
```

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

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

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

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

The `{(assignment=list)}` 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.

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

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

The `{(autoLayout=bool)}` pair either enables, if *bool* is true or unspecified, or disables autolayout. Autolayout injects the `\thesis@preamble` and `\thesis@postamble` 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.

```
258 \newif\ifthesis@auto\thesis@autotrue
259 \define@key{thesis}{autoLayout}[true]{%
260   \def\@true{true}%
261   \def\@arg{#1}%
262   \ifx\@true\@arg
263     \thesis@autotrue
264   \else
```

```

265 \thesis@autofalse
266 \fi}

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

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

267 \def\thesis@preamble{%
268 {\thesis@selectLocale{\thesis@locale}%
269 \thesis@blocks@preamble\clearpage}
270 \thesis@blocks@mainMatter}
271
272 \def\thesis@postamble{%
273 \thesis@selectLocale{\thesis@locale}%
274 \thesis@blocks@postamble}}
275
276 \let\thesis@blocks@preamble\relax
277 \let\thesis@blocks@postamble\relax
278 \let\thesis@blocks@mainMatter\relax

```

2.3 The \thesislong macro

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

- abstract
- abstractEn
- thanks
- declaration

```

279 \long\def\thesislong#1#2{%
280 \csname KV@thesis@#1\endcsname{#2}}

```

3 Private API

3.1 Main routine

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

`\ifthesis@loaded` The `\ifthesis@loaded` semaphore ensures that the expansion is only performed

once.

```
281 \newif\ifthesis@loaded\thesis@loadedfalse
282 \AtEndPreamble{\thesis@load}
283 \def\thesis@load{%
284   \ifthesis@loaded\else
285     \thesis@loadedtrue
286     \makeatletter
```

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

```
287   \ifx\thesis@locale\empty\else
288     \edef\thesis@locale{\thesis@locale}
289     \thesis@requireLocale{\thesis@locale}
```

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.

```
290   \ifx\language\empty\else
291     \begingroup
292     \edef\@doclocale{\language}%
293     \ifx\@doclocale\thesis@locale
294       \endgroup
295       \AtBeginDocument{%
296         \thesis@selectLocale{\thesis@locale}}%
297     \else
298       \endgroup
299   \fi
300 \fi
301 \fi
```

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

```
302   \ifx\thesis@style\empty\else
303     \thesis@requireStyle{\thesis@style}
304   \fi
```

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

- Title is set to `\thesis@title`.
- Author is set to `\thesis@author`.
- Keywords is set to `\thesis@keywords`.
- Creator is set to 2016/02/19 v0.3.33 fithesis3 MU thesis class.

```
305   \thesis@require{hyperref}
306   \hypersetup{
```

```

307         unicode=true,
308         pdfencoding=auto,
309         pdftitle=\thesis@title,
310         pdfauthor=\thesis@author,
311         pdfkeywords=\thesis@keywords,
312         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.

```

313     \ifthesis@auto
314         \AtBeginDocument{\thesis@preamble}
315         \AtEndDocument{\thesis@postamble}
316     \fi
317     \makeatother
318 \fi}

```

3.2 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.

```

319 \def\thesis@exists#1#2{%
320     \IfFileExists{#1}{#2}{%
321         \ClassWarning{fithesis3}{File #1 doesn't exist}}

```

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

```

322 \def\thesis@input#1{%
323     \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.

```

324 \newcommand\thesis@require[2][{}]{%
325     \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.

```

326 \newcommand\thesis@requireIfExists[2][{}]{%
327     \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.

```

328 \def\thesis@requireStyle#1{%
329   \ifthesis@style@inheritance
330     \thesis@requireIfExists{\thesis@stylepath fithesis-base}%
331     \thesis@requireIfExists{\thesis@stylepath\thesis@university
332       /fithesis-base}
333   \fi
334   \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.

```

335 \def\thesis@requireLocale#1{%
336   % Ignore redundant requests
337   \expandafter\ifx\csname thesis@#1@required\endcsname\relax
338     \expandafter\def\csname thesis@#1@required\endcsname{}%
339     \ifpackageloaded{polyglossia}{\setotherlanguage{#1}}{}
340     \thesis@input{\thesis@localepath fithesis-#1.def}%
341     \ifthesis@locale@inheritance
342       \thesis@input{\thesis@localepath\thesis@university/%
343         fithesis-#1.def}%
344       \thesis@input{\thesis@localepath\thesis@university/%
345         \thesis@faculty/fithesis-#1.def}%
346     \fi
347   \fi}

```

3.3 String manipulation macros

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

```

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

```

```

\thesis@@ The \thesis@@{\name} macro expands to \thesis@locale@name, where locale cor-
responds to the name of the current locale. The name gets fully expanded and can
therefore contain active characters and command sequences.
349 \def\thesis@@#1{\thesis@{\thesis@locale @#1}}

\thesis@lower The \thesis@lower and \thesis@upper macros are used for upper- and lowercas-
\thesis@upper ing within locale files. To cast the \thesis@name macro to the lower- or uppercase,
\thesis@lower{name} or \thesis@upper{name} would be used, respectively. The
name gets fully expanded and can therefore contain active characters and command
sequences.
350 \def\thesis@lower#1{%
351   \let\ea\expandafter
352   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\lowercase\ea\ea\ea
353   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
354   \ea\ea\ea\ea\ea\ea\ea@gobble\ea\ea\ea\string\ea\curname\curname the%
355   sis@#1\endcsname\endcsname}}
356 \def\thesis@upper#1{%
357   \let\ea\expandafter
358   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\uppercase\ea\ea\ea
359   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
360   \ea\ea\ea\ea\ea\ea\ea@gobble\ea\ea\ea\string\ea\curname\curname the%
361   sis@#1\endcsname\endcsname}}

\thesis@@lower The \thesis@@lower and \thesis@@upper macros are used for upper- and low-
\thesis@@upper ercasing current locale strings within style files. To cast the \thesis@locale@name
macro to the lower- or uppercase, \thesis@@lower{name} or \thesis@@upper{name}
would be used, respectively. The name gets fully expanded and can therefore con-
tain active characters and command sequences.
362 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
363 \def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}}

\thesis@head The \thesis@head and \thesis@tail macros are used for retrieving the head or
\thesis@tail the tail of space-separated token sequences that end with \relax.
364 \def\thesis@head#1 #2{%
365   \ifx\relax#2%
366     \expandafter\@gobbletwo
367   \else
368     \ #1%
369   \fi
370   \thesis@head#2}%
371 \def\thesis@tail#1 #2{%
372   \ifx\relax#2%
373     #1%
374     \expandafter\@gobbletwo
375   \fi
376   \thesis@tail#2}%

```

3.4 General purpose macros

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

```
377 \AtEndDocument{\write\@auxout{\noexpand\gdef\noexpand\thesis@pages{\thepage}}}
378 \ifx\thesis@pages\undefined\def\thesis@pages{??}\fi
```

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

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

If not loaded by the user, the `csquotes` package gets loaded at the end of the preamble.

```
379 \AtEndPreamble{\thesis@require{csquotes}}
380 \def\thesis@selectLocale#1{%
381   \edef\thesis@locale{#1}%
382   \csq@setstyle{\thesis@@{csquotesStyle}}%
383   \ltx@ifpackageloaded{polyglossia}{%
384     \selectlanguage{\thesis@locale}
385   }{%
386     \language\csname l@\thesis@locale\endcsname
387   }}
```

`\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.

```
388 \def\thesis@patch#1#2{%
389   \def\thesis@patch@versions{#1}%
390   \def\thesis@patch@action{#2}%
391   \def\thesis@patch@next##1,{%
392     \def\thesis@patch@arg{##1}%
393     \def\thesis@patch@relax{\relax}%
394     \ifx\thesis@patch@arg\thesis@version@number
395       \def\thesis@patch@next###1\relax,{}%
396       \expandafter\thesis@patch@action
397       \expandafter\thesis@patch@next
398     \else\ifx\thesis@patch@arg\thesis@patch@relax\else
399       \expandafter\expandafter\expandafter\thesis@patch@next
400     \fi\fi}%
401   \expandafter\expandafter\expandafter\thesis@patch@next
402   \expandafter\thesis@patch@versions\expandafter,\relax,}
```

3.5 Locale files

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

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

3.5.1 Interface

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

- `\thesis@locale@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 acknowledgement section
- `\thesis@locale@declarationTitle` – The title of the declaration section
- `\thesis@locale@idTitle` – The title of the thesis author's identifier field
- `\thesis@locale@spring` – The name of the spring semester
- `\thesis@locale@fall` – The name of the fall semester
- `\thesis@locale@semester` – The full name of the current semester
- `\thesis@locale@typeName` – The name of the thesis type

where *locale* is the name of the locale.

3.5.2 English locale files

3.5.2.1 The locale/fithesis-english.def file

This is the base file of the English locale.

```
403 \ProvidesFile{fithesis/locale/fithesis-english.def}[2016/01/13]
```

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

```
404
405 % Placeholders
406 \gdef\thesis@english@universityName{University name}
407 \gdef\thesis@english@facultyName{Faculty name}
408 \gdef\thesis@english@assignment{Replace this page with a copy
409   of the official signed thesis assignment.}
410 \gdef\thesis@english@declaration{Declaration text ...}
411
412 % Csquotes style
413 \gdef\thesis@english@csquotesStyle{english}
414
415 % Time strings
416 \gdef\thesis@english@spring{Spring}
417 \gdef\thesis@english@fall{Fall}
418 \gdef\thesis@english@semester{%
419   \thesis@{english@\thesis@season} \thesis@seasonYear}
420
421 % Miscellaneous
422 \gdef\thesis@english@fieldTitle{Field of study}
423 \gdef\thesis@english@advisorTitle{Advisor}
424 \gdef\thesis@english@authorTitle{Author}
425 \gdef\thesis@english@abstractTitle{Abstract}
426 \gdef\thesis@english@keywordsTitle{Keywords}
427 \gdef\thesis@english@thanksTitle{Acknowledgement}
428 \gdef\thesis@english@declarationTitle{Declaration}
429 \gdef\thesis@english@idTitle{ID}
430 \gdef\thesis@english@typeName{%
431   \ifx\thesis@type\thesis@bachelors
432     Bachelor's Thesis%
433   \else\ifx\thesis@type\thesis@masters
434     Master's Thesis%
435   \else\ifx\thesis@type\thesis@doctoral
436     Doctoral Thesis%
437   \else\ifx\thesis@type\thesis@rigorous
438     Rigorous Thesis%
439   \else
440     <<Unknown thesis type (\thesis@type)>>%
441   \fi\fi\fi\fi}
```

3.5.2.2 The locale/mu/fithesis-english.def file

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

declaration and idTitle strings.

```
442 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2015/11/30]
443 \gdef\thesis@english@universityName{Masaryk University}
444 \gdef\thesis@english@declaration{%
445   Hereby I declare that this paper is my original authorial work,
446   which I have worked out on my own. All sources, references, and
447   literature used or excerpted during elaboration of this work are
448   properly cited and listed in complete reference to the due source.}
449
450 % Miscellaneous
451 \gdef\thesis@english@idTitle{UČO}
```

3.5.2.3 The locale/mu/law/fithesis-english.def file

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

```
452 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
453 \gdef\thesis@english@facultyName{Faculty of Law}
454 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
455   Masaryk University}
```

3.5.2.4 The locale/mu/fsps/fithesis-english.def file

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

```
456 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
457
458 % Placeholders
459 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
460
461 % Miscellaneous
462 \gdef\thesis@english@fieldTitle{Specialization}
```

3.5.2.5 The locale/mu/fss/fithesis-english.def file

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

```
463 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]
464
465 % Placeholders
466 \gdef\thesis@english@facultyName{Faculty of Social Studies}
467 \gdef\thesis@english@assignment{Replace this page with a copy
468   of the official signed thesis assignment or the copy of the
469   Statement of an Author or both, depending on the requirements of
```

470 the respective department.}

3.5.2.6 The locale/mu/econ/fithesis-english.def file

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

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

3.5.2.7 The locale/mu/med/fithesis-english.def file

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

```
474 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]
475
476 % Miscellaneous
477 \gdef\thesis@english@abstractTitle{Annotation}
478
479 % Placeholders
480 \gdef\thesis@english@facultyName{Faculty of Medicine}
481
482 % Bibliographic entry
483 \gdef\thesis@english@bib@title{Bibliographic record}
484 \gdef\thesis@english@bib@pages{p}
```

3.5.2.8 The locale/mu/fi/fithesis-english.def file

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

```
485 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
486
487 % Placeholders
488 \gdef\thesis@english@facultyName{Faculty of Informatics}
489 \gdef\thesis@english@assignment{Replace this page with a copy
490 of the official signed thesis assignment and the copy of the
491 Statement of an Author.}
492
493 % Others
494 \gdef\thesis@english@advisorSignature{Signature of Thesis
```

```
495 \thesis@english@advisorTitle}
```

3.5.2.9 The locale/mu/phil/fithesis-english.def file

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

```
496 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2015/06/26]
497 \gdef\thesis@english@facultyName{Faculty of Arts}
```

3.5.2.10 The locale/mu/ped/fithesis-english.def file

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

```
498 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2015/06/26]
499
500 % Placeholders
501 \gdef\thesis@english@facultyName{Faculty of Education}
502
503 % Bibliographic entry
504 \gdef\thesis@english@bib@title{Bibliographic record}
505 \gdef\thesis@english@bib@pages{p}
```

3.5.2.11 The locale/mu/sci/fithesis-english.def file

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

```
506 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]
507
508 % Placeholders
509 \gdef\thesis@english@facultyName{Faculty of Science}
510
511 % Miscellaneous
512 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
513
514 % Bibliographic entry
515 \gdef\thesis@english@bib@title{Bibliographic entry}
516 \global\let\thesis@english@bib@author\thesis@english@authorTitle
517 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
518 \gdef\thesis@english@bib@programme{Degree Programme}
519 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
520 \gdef\thesis@english@bib@advisor{Supervisor}
521 \gdef\thesis@english@bib@academicYear{Academic Year}
522 \gdef\thesis@english@bib@pages{Number of Pages}
```

523 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle

3.5.3 Czech locale files

3.5.3.1 The locale/fithesis-czech.def file

This is the base file of the Czech locale.

524 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2016/01/13]

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.

525
526 % Pomocná makra
527 \gdef\thesis@czech@gender@koncovka{%
528 \ifthesis@woman a\fi}
529
530 % Csquotes styl
531 \gdef\thesis@czech@csquotesStyle{german}
532
533 % Zástupné texty
534 \gdef\thesis@czech@universityName{Název univerzity}
535 \gdef\thesis@czech@facultyName{Název fakulty}
536 \gdef\thesis@czech@assignment{Místo tohoto listu vložte kopii
537 oficiálního podepsaného zadání práce.}
538 \gdef\thesis@czech@declaration{Text prohlášení ...}
539
540 % Časové údaje
541 \gdef\thesis@czech@spring{jaro}
542 \gdef\thesis@czech@fall{podzim}
543 \gdef\thesis@czech@semester{%
544 \thesis@{czech@\thesis@season} \thesis@seasonYear}
545
546 % Různé
547 \gdef\thesis@czech@fieldTitle{Obor}
548 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
549 \gdef\thesis@czech@authorTitle{Autor}
550 \gdef\thesis@czech@abstractTitle{Shrnutí}
551 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
552 \gdef\thesis@czech@thanksTitle{Poděkování}
553 \gdef\thesis@czech@declarationTitle{Prohlášení}
554 \gdef\thesis@czech@idTitle{ID}
555 \gdef\thesis@czech@typeName{%
556 \ifx\thesis@type\thesis@bachelors
557 Bakalářská práce%

```

558 \else\ifx\thesis@type\thesis@masters
559     Diplomová práce%
560 \else\ifx\thesis@type\thesis@doctoral
561     Disertační práce%
562 \else\ifx\thesis@type\thesis@rigorous
563     Rigorózní práce%
564 \else
565     <<Neznámý typ práce (\thesis@type)>>%
566 \fi\fi\fi\fi}
567 \gdef\thesis@czech@typeName@akuzativ{%
568 \ifx\thesis@type\thesis@bachelors
569     Bakalářskou práci%
570 \else\ifx\thesis@type\thesis@masters
571     Diplomovou práci%
572 \else\ifx\thesis@type\thesis@doctoral
573     Disertační práci%
574 \else\ifx\thesis@type\thesis@rigorous
575     Rigorózní práci%
576 \else
577     <<Neznámý typ práce (\thesis@type)>>%
578 \fi\fi\fi\fi}

```

3.5.3.2 The locale/mu/fithesis-czech.def file

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

```

579 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/11/17]
580
581 % Zástupné texty
582 \gdef\thesis@czech@universityName{Masarykova univerzita}
583 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
584 \thesis@lower{czech@typeName@akuzativ} zpracoval%
585 \thesis@czech@gender@koncovka\ samostatně a
586 použil\thesis@czech@gender@koncovka\ jen prameny
587 uvedené~v seznamu literatury.}
588
589 % Různé
590 \gdef\thesis@czech@idTitle{UČO}

```

3.5.3.3 The locale/mu/law/fithesis-czech.def file

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

```

591 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
592

```

```

593 % Různé
594 \gdef\thesis@czech@abstractTitle{Abstrakt}
595
596 % Zástupné texty
597 \gdef\thesis@czech@facultyName{Právnická fakulta}
598 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
599 univerzity}

```

3.5.3.4 The locale/mu/fsps/fithesis-czech.def file

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

```

600 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
601
602 % Zástupné texty
603 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
604
605 % Různé
606 \gdef\thesis@czech@fieldTitle{Specializace}

```

3.5.3.5 The locale/mu/fss/fithesis-czech.def file

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

```

607 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
608
609 % Zástupné texty
610 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
611 \gdef\thesis@czech@assignment{Místo tohoto listu
612 vložte kopie oficiálního podepsaného zadání práce nebo
613 prohlášení autora školního díla nebo obojí~v závislosti na
614 požadavcích příslušné katedry.}
615

```

3.5.3.6 The locale/mu/econ/fithesis-czech.def file

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

```

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

```

3.5.3.7 The locale/mu/med/fithesis-czech.def file

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

redefines the abstractTitle string in accordance with the common usage at the faculty. The file also defines the bib@title and bib@pages strings required by the \thesis@blocks@bibEntry block defined within the style/mu/fithesis-med.sty style file.

```

618 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2015/06/26]
619
620 % Různé
621 \gdef\thesis@czec@abstractTitle{Anotace}
622
623 % Zástupné texty
624 \gdef\thesis@czec@facultyName{Lékařská fakulta}
625
626 % Bibliografický záznam
627 \gdef\thesis@czec@bib@title{Bibliografický záznam}
628 \gdef\thesis@czec@bib@pages{str}

```

3.5.3.8 The locale/mu/fi/fithesis-czech.def file

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

```

629 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
630
631 % Zástupné texty
632 \gdef\thesis@czec@facultyName{Fakulta informatiky}
633 \gdef\thesis@czec@assignment{Místo tohoto listu
634 vložit kopie oficiálního podepsaného zadání práce a
635 prohlášení autora školního díla.}
636 \gdef\thesis@czec@declaration{%
637 Prohlašuji, že tato \thesis@lower{czec@typeName} je mým
638 původním autorským dílem, které jsem vypracoval%
639 \thesis@czec@gender@koncovka\ samostatně. Všechny zdroje,
640 prameny a literaturu, které jsem při vypracování
641 používal\thesis@czec@gender@koncovka\ nebo z nich
642 čerpal\thesis@czec@gender@koncovka, v práci řádně cituji
643 s uvedením úplného odkazu na příslušný zdroj.}
644
645 % Ostatní
646 \gdef\thesis@czec@advisorSignature{Podpis vedoucího}

```

3.5.3.9 The locale/mu/phil/fithesis-czech.def file

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


```

647 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/01/07]
648
649 % Zástupné texty
650 \gdef\thesis@czech@facultyName{Filozofická fakulta}
651 \gdef\thesis@czech@declaration{%
652   Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
653   vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
654   uvedených literatur.}
655
656 % Ostatní
657 \gdef\thesis@czech@typeName{%
658   \ifx\thesis@type\thesis@bachelors
659     Bakalářská diplomová práce%
660   \else\ifx\thesis@type\thesis@masters
661     Magisterská diplomová práce%
662   \else\ifx\thesis@type\thesis@doctoral
663     Disertační práce%
664   \else
665     <<Neznámý typ práce (\thesis@type)>>%
666   \fi\fi\fi}
667 \gdef\thesis@czech@typeName@akuzativ{%
668   \ifx\thesis@type\thesis@bachelors
669     Diplomovou práci%
670   \else\ifx\thesis@type\thesis@masters
671     Diplomovou práci%
672   \else\ifx\thesis@type\thesis@doctoral
673     Disertační práci%
674   \else
675     <<Neznámý typ práce (\thesis@type)>>%
676   \fi\fi\fi}

```

3.5.3.10 The locale/mu/ped/fithesis-czech.def file

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

```

677 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2015/06/26]
678
679 % Zástupné texty
680 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
681
682 % Bibliografický záznam
683 \gdef\thesis@czech@bib@title{Bibliografický záznam}
684 \gdef\thesis@czech@bib@pages{str}

```

3.5.3.11 The locale/mu/sci/fithesis-czech.def file

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

```
685 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2016/01/12]
686
687 % Zástupné texty
688 \gdef\thesis@czec@facultyName{Přirodovědecká fakulta}
689
690 % Ostatní
691 \gdef\thesis@czec@abstractTitle{Abstrakt}
692 \gdef\thesis@czec@declaration{%
693   Prohlašuji, že jsem svoji \thesis@lower{czec@typeName@%
694   akuzativ} vypracoval\thesis@czec@gender@koncovka\ samo%
695   statně s~využitím informačních zdrojů, které jsou v~práci
696   citovány.}
697 \gdef\thesis@czec@authorSignature{Podpis autora}
698
699 % Časové údaje
700 \gdef\thesis@czec@formattedDate{%
701   \thesis@day.
702   \newcount\@month\expandafter\@month\thesis@month\relax
703   \ifnum\@month=1%
704     ledna
705   \else\ifnum\@month=2%
706     února
707   \else\ifnum\@month=3%
708     března
709   \else\ifnum\@month=4%
710     dubna
711   \else\ifnum\@month=5%
712     května
713   \else\ifnum\@month=6%
714     června
715   \else\ifnum\@month=7%
716     července
717   \else\ifnum\@month=8%
718     srpna
719   \else\ifnum\@month=9%
720     září
721   \else\ifnum\@month=10%
722     října
723   \else\ifnum\@month=11%
724     listopadu
725   \else\ifnum\@month=12%
```

```

726     prosince
727 \else
728     <<neznámý měsíc (\the\@month)>>
729 \fi\fi\fi\fi\fi\fi
730 \fi\fi\fi\fi\fi\fi
731 \thesis@year}}
732
733 % Bibliografický záznam
734 \gdef\thesis@czech@bib@title{Bibliografický záznam}
735 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
736 \gdef\thesis@czech@bib@thesisTitle{Název práce}
737 \gdef\thesis@czech@bib@programme{Studijní program}
738 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
739 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
740 \gdef\thesis@czech@bib@academicYear{Akademický rok}
741 \gdef\thesis@czech@bib@pages{Počet stran}
742 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle

```

3.5.4 Slovak locale files

3.5.4.1 The locale/fithesis-slovak.def file

This is the base file of the Slovak locale.

```
743 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2016/01/13]
```

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.

```

744
745 % Pomocná makrá
746 \gdef\thesis@slovak@gender@koncovka{%
747     \ifthesis@woman a\fi}
748
749 % Csquotes štýl
750 \gdef\thesis@slovak@csquotesStyle{german}
751
752 % Zástupné texty
753 \gdef\thesis@slovak@universityName{Názov univerzity}
754 \gdef\thesis@slovak@facultyName{Názov fakulty}
755 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
756     oficiálneho podpísaného zadania práce.}
757 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
758
759 % Časové údaje
760 \gdef\thesis@slovak@spring{jar}

```

```

761 \gdef\thesis@slovak@fall{jeseň}
762 \gdef\thesis@slovak@semester{%
763   \thesis@{slovak@\thesis@season} \thesis@seasonYear}
764
765 % Rôzne
766 \gdef\thesis@slovak@fieldTitle{Odbor}
767 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
768 \gdef\thesis@slovak@authorTitle{Autor}
769 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
770 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
771 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
772 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
773 \gdef\thesis@slovak@idTitle{ID}
774 \gdef\thesis@slovak@typeName{%
775   \ifx\thesis@type\thesis@bachelors
776     Bakalárska práca%
777   \else\ifx\thesis@type\thesis@masters
778     Diplomová práca%
779   \else\ifx\thesis@type\thesis@doctoral
780     Dizertačná práca%
781   \else\ifx\thesis@type\thesis@rigorous
782     Rigorózna práca%
783   \else
784     <<Neznámy typ práce (\thesis@type)>>%
785     \fi\fi\fi\fi}
786 \gdef\thesis@slovak@typeName@akuzativ{%
787   \ifx\thesis@type\thesis@bachelors
788     Bakalársku prácu%
789   \else\ifx\thesis@type\thesis@masters
790     Diplomovú prácu%
791   \else\ifx\thesis@type\thesis@doctoral
792     Dizertačnú prácu%
793   \else\ifx\thesis@type\thesis@rigorous
794     Rigoróznú prácu%
795   \else
796     <<Neznámy typ práce (\thesis@type)>>%
797     \fi\fi\fi\fi}

```

3.5.4.2 The locale/mu/fithesis-slovak.def file

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

```

798 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/11/17]
799
800 % Zástupné texty
801 \gdef\thesis@slovak@universityName{Masarykova univerzita}
802 \gdef\thesis@slovak@declaration{%
803   Prehlasujem, že som predloženú \thesis@lower{%
804     slovak@typeName@akuzativ} vypracoval%

```

```

805 \thesis@slovak@gender@koncovka\ samostatne len s~použitím
806 uvedenej literatúry a prameňov.}
807
808 % Rôzne
809 \gdef\thesis@slovak@idTitle{UČO}

```

3.5.4.3 The locale/mu/law/fithesis-slovak.def file

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

```

810 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
811
812 % Rôzne
813 \gdef\thesis@slovak@abstractTitle{Abstrakt}
814
815 % Zástupné texty
816 \gdef\thesis@slovak@facultyName{Právnická fakulta}
817 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
818 univerzity}

```

3.5.4.4 The locale/mu/fsps/fithesis-slovak.def file

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

```

819 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
820
821 % Zástupné texty
822 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
823
824 % Rôzne
825 \gdef\thesis@slovak@fieldTitle{Špecializácie}

```

3.5.4.5 The locale/mu/fss/fithesis-slovak.def file

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

```

826 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
827
828 % Zástupné texty
829 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
830 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
831 oficiálneho podpísaného zadania práce alebo prehlásenie autora
832 školského diela alebo obidve~v závislosti na požiadavkách}

```

833 príslušnej katedry.}

3.5.4.6 The locale/mu/econ/fithesis-slovak.def file

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

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

3.5.4.7 The locale/mu/med/fithesis-slovak.def file

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

```
836 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]
837
838 % Rôzne
839 \gdef\thesis@slovak@abstractTitle{Anotácie}
840
841 % Zástupné texty
842 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
843
844 % Bibliografický zoznam
845 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
846 \gdef\thesis@slovak@bib@pages{str}
```

3.5.4.8 The locale/mu/fi/fithesis-slovak.def file

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

```
847 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
848
849 % Zástupné texty
850 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
851 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
852 oficiálneho podpísaného zadania práce a prehlásenie autora
853 školského diela.}
854 \gdef\thesis@slovak@declaration{%
855 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
856 pôvodným autorským dielom, ktoré som vypracoval%
857 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
```

```

858 pramene a literatúru, ktoré som pri vypracovaní
859 používal\thesis@slovak@gender@koncovka\ alebo z~nich
860 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
861 s~uvedením úplného odkazu na príslušný zdroj.}
862
863 % Rôzne
864 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}

```

3.5.4.9 The locale/mu/phil/fithesis-slovak.def file

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

```

865 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/01/07]
866
867 % Zástupné texty
868 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
869 \gdef\thesis@slovak@declaration{%
870   Prehlasujem, že som predloženú \thesis@lower{%
871     slovak@typeName@akuzativ} vypracoval%
872     \thesis@slovak@gender@koncovka\ samostatne na
873     základe vlastných zistení a len s~použitím
874     uvedenej literatúry a prameňov.}
875
876 % Rôzne
877 \gdef\thesis@slovak@typeName{%
878   \ifx\thesis@type\thesis@bachelors
879     Bakalárska diplomová práca%
880   \else\ifx\thesis@type\thesis@masters
881     Magisterská diplomová práca%
882   \else\ifx\thesis@type\thesis@doctoral
883     Dizertačná práca%
884   \else
885     <<Neznámy typ práce (\thesis@type)>>%
886   \fi\fi\fi}
887 \gdef\thesis@slovak@typeName@akuzativ{%
888   \ifx\thesis@type\thesis@bachelors
889     Diplomovú prácu%
890   \else\ifx\thesis@type\thesis@masters
891     Diplomovú prácu%
892   \else\ifx\thesis@type\thesis@doctoral
893     Dizertačnú prácu%
894   \else
895     <<Neznámy typ práce (\thesis@type)>>%
896   \fi\fi\fi}

```

3.5.4.10 The locale/mu/ped/fithesis-slovak.def file

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

```
897 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]
898
899 % Zástupné texty
900 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
901
902 % Bibliografický zoznam
903 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
904 \gdef\thesis@slovak@bib@pages{str}
```

3.5.4.11 The locale/mu/sci/fithesis-slovak.def file

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

```
905 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
906
907 % Zástupné texty
908 \gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}
```

3.6 Style files

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

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

3.6.1 Interface

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

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

panded at the beginning of the document right after `\thesis@blocks@preamble`. This macro sets the style of the main matter of the thesis.

3.6.2 Base style files

3.6.2.1 The `style/fithesis-base.sty` file

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

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

3.6.2.2 The `style/mu/fithesis-base.sty` file

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

```
911 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2016/01/07]
912 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

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

```
913 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
914 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
915 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
```

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

`\ifthesis@twoside@`

```
916 \newif\ifthesis@twoside@
917 \DeclareOption{oneside}{%
918   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
919 \DeclareOption{twoside}{%
920   \thesis@twoside@true \@twosidetrue \@mparswitchtrue}
```

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

```
921 \DeclareOption{onecolumn}{\@twocolumnfalse}
922 \DeclareOption{twocolumn}{\@twocolumntrue}
```

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

```
923 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
924 \DeclareOption{final}{\setlength\overfullrule{0pt}}
```

`\ifthesis@palatino@`

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

```
925 \newif\ifthesis@palatino@
926 \DeclareOption{palatino}{\thesis@palatino@true}
927 \DeclareOption{nopalatino}{\thesis@palatino@false}
```

`\ifthesis@color@`

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

```
928 \newif\ifthesis@color@
929 \DeclareOption{monochrome}{\thesis@color@false}
930 \DeclareOption{color}{\thesis@color@true}
```

`\ifthesis@microtype@`

- `microtype`, `nomicrotype` – The microtypographic extension of modern \TeX engines – such as $\text{pdf}\TeX$, $\text{X}\text{\LaTeX}$, or $\text{Lua}\TeX$ – is or isn’t going to be enabled, respectively. The `\ifthesis@microtype@` conditional is set to either true or false, respectively.

```
931 \newif\ifthesis@microtype@
932 \DeclareOption{microtype}{\thesis@microtype@true}
933 \DeclareOption{nomicrotype}{\thesis@microtype@false}
```

`\ifthesis@newtable@`

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

```
934 \newif\ifthesis@newtable@
935 \DeclareOption{table}{\thesis@newtable@true}
936 \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@tables	<ul style="list-style-type: none"> • lot, nolot – \listoftables either is or isn't going to be included in the \thesis@blocks@tables block, respectively.
937	\DeclareOption{nolot}{\def\thesis@blocks@lot{}}
938	\DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
\thesis@blocks@tables	<ul style="list-style-type: none"> • lof, nolof – \listoffigures is or isn't going to be included in the \thesis@blocks@tables block, respectively.
939	\DeclareOption{nolof}{\def\thesis@blocks@lof{}}
940	\DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
\thesis@blocks@cover	<ul style="list-style-type: none"> • 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.
\ifthesis@cover@	
941	\newif\ifthesis@cover@
942	\DeclareOption{nocover}{\thesis@cover@false}
943	\DeclareOption{cover}{\thesis@cover@true}
	<ul style="list-style-type: none"> • digital, printed – These macrooptions set the options that are appropriate for either the printed or for the digital version of the document, respectively.
944	\DeclareOption{digital}{\ExecuteOptions{color,cover}}
945	\DeclareOption{printed}{\ExecuteOptions{monochrome,nocover}}

These are the default options:

```

946 \ExecuteOptions{%
947   printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
948 \ProcessOptions*
```

The file uses English locale strings within the macros.

```

949 \thesis@requireLocale{english}
```

The file loads the following packages:

- xcolor – Adds support for color manipulation.
- ifxetex – Used to detect the Xe_{La}TeX engine.
- ifluatex – Used to detect the Lua_{La}TeX 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.

```

950 \thesis@require{xcolor}
951 \thesis@require{graphicx}
952 \thesis@require{pdfpages}
953 \thesis@require{keyval}
954 \thesis@require{ifxetex}
955 \thesis@require{ifluatex}

```

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

```

956 \ifthesis@microtype@
957   \thesis@require[final,babel]{microtype}
958 \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_YTeX or the LuaTeX engine is being used.

```

959 {\let\x\expandafter
960 \x\global\x\let\x\ifthesis@xeluatex\csname if%
961   \ifxetex true\else
962     \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
963     \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
964     \fi
965   \fi\endcsname}

```

The following packages get only loaded, when the document is being typeset using the X_YTeX or LuaTeX engine:

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

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

```

966 \ifthesis@xeluatex
967   \ifthesis@palatino@
968     \thesis@require{fontspec}
969     \thesis@require{unicode-math}
970     \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
971     \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
972       {texgyrepagella-math.otf}
973   \fi

```

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

- `cmap` – Places an explicit ToUnicode map in the resulting PDF file, allowing for the extraction of the text from the document.
- `mathpazo` – Changes the default math font family to `mathpazo`.
- `tgpagella` – Changes the default roman font family to TeX Gyre Pagella.

- `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.

```

974 \else
975   \ifthesis@palatino@
976     \RequirePackage[resetfonts]{cmap}
977     \thesis@require{lmodern}
978     \thesis@require{mathpazo}
979     \thesis@require{tgpagella}
980     \RequirePackage[T1]{fontenc}
981   \fi
982 \fi

```

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

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

```

983 \let\thesis@newtable@old\tabular
984 \let\endthesis@newtable@old\endtabular
985 \ifthesis@newtable@
986   % Load the packages.
987   \thesis@require{tabularx}
988   \thesis@require{tabu}
989   \thesis@require{booktabs}
990   % Adjust the measurements.
991   \setlength{\aboverulesep}{0pt}
992   \setlength{\belowrulesep}{0pt}
993   \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.

```

994 \ifthesis@color@
995   % The redefinition of ‘tabular’

```

```

996 \renewenvironment{tabular}%
997   {\rowcolors{1}{thesis@color@tableOdd}%
998    {thesis@color@tableEven}%
999    \thesis@newtable@old}%
1000  {\endthesis@newtable@old}
1001 % The redefinition of 'tabularx'
1002 \let\thesis@newtable@oldx\tabularx
1003 \let\endthesis@newtable@oldx\endtabularx
1004 \renewenvironment{tabularx}%
1005   {\rowcolors{1}{thesis@color@tableOdd}%
1006    {thesis@color@tableEven}%
1007    \thesis@newtable@oldx}%
1008  {\endthesis@newtable@oldx}
1009 % The redefinition of 'tabu'
1010 \let\thesis@newtable@oldtabu\tabu
1011 \let\endthesis@newtable@oldtabu\endtabu
1012 \renewenvironment{tabu}%
1013   {\rowcolors{1}{thesis@color@tableOdd}%
1014    {thesis@color@tableEven}%
1015    \thesis@newtable@oldtabu}%
1016  {\endthesis@newtable@oldtabu}
1017 \fi
1018 \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.

```

1019 \thesis@require{hyperref}
1020 \hypersetup{pdfborderstyle={/S/U/W 1}} % Less obtrusive borders

```

Clubs and widows are set to be infinitely bad.

```

1021 \widowpenalty 10000
1022 \clubpenalty 10000

```

`\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.

```

1023 \def\thesis@color@setup#1{%
1024   \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.

```

1025 \define@key{thesis@color}{links}{%
1026   \definecolor{thesis@color@links}#1
1027   \hypersetup{linkbordercolor=thesis@color@links}}
1028 \define@key{thesis@color}{tableOdd}{%
1029   \definecolor{thesis@color@tableOdd}#1}
1030 \define@key{thesis@color}{tableEven}{%
1031   \definecolor{thesis@color@tableEven}#1}
1032 \define@key{thesis@color}{tableEmph}{%
1033   \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.

```

1034 \def\thesis@blocks@coverMatter{%
1035   \pagenumbering{gobble}}

```

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

```

1036 \def\thesis@blocks@frontMatter{%
1037   \thesis@blocks@clear
1038   \pagestyle{plain}
1039   \parindent 1.5em
1040   \setcounter{page}{1}
1041   \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.

```

1042 \def\thesis@blocks@clear{%
1043   \ifthesis@twoside@
1044     \clearpage
1045     \thispagestyle{empty}%
1046     \cleardoublepage
1047   \else
1048     \newpage
1049   \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.

```

1050 \def\thesis@blocks@clearRight{%
1051   \ifthesis@twoside@
1052     \clearpage
1053     \ifodd\value{page}%
1054       \thispagestyle{empty}%
1055       \hbox{}%
1056     \newpage
1057   \fi
1058 \else
1059   \newpage
1060 \fi}

thesis@blocks@facultyLogo@monochrome The \thesis@blocks@facultyLogo@monochrome[\langle options \rangle] macro typesets the
\thesis@logopath\thesis@facultyLogo logo with the given options passed to
\includegraphics.
1061 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
1062   [width=40mm]{\%
1063     \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1064     \includegraphics[#1]{\@path}}

thesis@blocks@facultyLogo@color The \thesis@blocks@facultyLogo@color[\langle options \rangle] macro typesets either the
\thesis@logopath\thesis@facultyLogo logo, if the \ifthesis@color@ condi-
tional is false, or the \thesis@logopath\thesis@facultyLogo-color logo oth-
erwise with the given options passed to \includegraphics.
1065 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1066   [width=40mm]{\%
1067     \edef\@path{\thesis@logopath\thesis@facultyLogo
1068       \ifthesis@color@-color\fi}%
1069     \includegraphics[#1]{\@path}}

blocks@universityLogo@monochrome The \thesis@blocks@universityLogo@monochrome[\langle options \rangle] macro typesets the
\thesis@logopath\thesis@universityLogo logo with the given options passed to
\includegraphics.
1070 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1071   [width=40mm]{\%
1072     \edef\@path{\thesis@logopath\thesis@universityLogo}%
1073     \includegraphics[#1]{\@path}}

thesis@blocks@universityLogo@color The \thesis@blocks@universityLogo@color[\langle options \rangle] macro typesets either the
\thesis@logopath\thesis@universityLogo logo, if the \ifthesis@color@ con-
ditional is false, or the \thesis@logopath\thesis@universityLogo-color logo
otherwise with the given options passed to \includegraphics.
1074 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1075   [width=40mm]{\%
1076     \edef\@path{\thesis@logopath\thesis@universityLogo
1077       \ifthesis@color@-color\fi}%
1078     \includegraphics[#1]{\@path}}

```


<code>\thesis@blocks@cover</code>	The <code>\thesis@blocks@cover</code> macro typesets the thesis cover. It is composed of three macros:
<code>\thesis@blocks@cover@header</code>	• <code>\thesis@blocks@cover@header</code> – The header of the cover page
<code>\thesis@blocks@cover@content</code>	• <code>\thesis@blocks@cover@content</code> – The content of the cover page
<code>\thesis@blocks@cover@footer</code>	• <code>\thesis@blocks@cover@footer</code> – The footer of the cover page

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

```

1079 \def\thesis@blocks@cover{%
1080   \ifthesis@cover@
1081     \thesis@blocks@clear
1082     \begin{alwaysingle}%
1083       \thispagestyle{empty}%
1084       \begin{center}%
1085         \thesis@blocks@cover@header
1086         \thesis@blocks@facultyLogo@monochrome\[\[0.4in]%
1087         \let\footnotesize\small
1088         \let\footnoterule\relax{}%
1089         \thesis@blocks@cover@content
1090         \par\vfill
1091         \thesis@blocks@cover@footer
1092       \end{center}%
1093     \end{alwaysingle}%
1094   \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.

```

1095 \newif\ifthesis@blocks@cover@university@

```

```

1096 \thesis@blocks@cover@university@true
1097 \newif\ifthesis@blocks@cover@faculty@
1098 \thesis@blocks@cover@faculty@true
1099 \newif\ifthesis@blocks@cover@department@
1100 \thesis@blocks@cover@department@false
1101 \newif\ifthesis@blocks@cover@field@
1102 \thesis@blocks@cover@field@false
1103
1104 \def\thesis@blocks@cover@header{%
1105   {\sc\ifthesis@blocks@cover@university@
1106     \thesis@titlePage@LARGE\thesis@{universityName}}\%
1107   \fi\ifthesis@blocks@cover@faculty@
1108     \thesis@titlePage@Large\thesis@{facultyName}}\%
1109   \fi\ifthesis@blocks@cover@department@
1110     \thesis@titlePage@large\thesis@department}\%
1111   \fi}
1112 \ifthesis@blocks@cover@field@
1113   {\thesis@titlePage@large\vskip 1em%
1114     {\bf\thesis@{fieldTitle}:} \thesis@field}%
1115   \fi\vskip 2em}
1116 \def\thesis@blocks@cover@content{%
1117   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1118   \vskip 0.8in%
1119   {\thesis@titlePage@large\sc\thesis@{typeName}}\%[[0.3in]%
1120   {\thesis@titlePage@Large\bf\thesis@author}}
1121 \def\thesis@blocks@cover@footer{%
1122   {\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.

```

1123 \def\thesis@blocks@titlePage{%
1124   \thesis@blocks@clear
1125   \begin{alwaysingle}%
1126     \thispagestyle{empty}%
1127     \begin{center}%
1128       \thesis@blocks@titlePage@header
1129       \thesis@blocks@facultyLogo@color\%[[0.4in]%
1130       \let\footnotesize\small
1131       \let\footnoterule\relax}%
1132     \thesis@blocks@titlePage@content
1133     \par\vfill

```

```

1134      \thesis@blocks@titlePage@footer
1135      \end{center}%
1136      \end{alwaysingle}}

```

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.

```

1137 \newif\ifthesis@blocks@titlePage@university@
1138 \thesis@blocks@titlePage@university@true
1139 \newif\ifthesis@blocks@titlePage@faculty@
1140 \thesis@blocks@titlePage@faculty@true
1141 \newif\ifthesis@blocks@titlePage@department@
1142 \thesis@blocks@titlePage@department@false
1143 \newif\ifthesis@blocks@titlePage@field@
1144 \thesis@blocks@titlePage@field@false
1145
1146 \def\thesis@blocks@titlePage@header{%
1147   {\sc\ifthesis@blocks@titlePage@university@
1148     \thesis@titlePage@LARGE\thesis@{universityName}\\%
1149     \fi\ifthesis@blocks@titlePage@faculty@
1150       \thesis@titlePage@Large\thesis@{facultyName}\\%
1151       \fi\ifthesis@blocks@titlePage@department@
1152         \thesis@titlePage@large\thesis@department\\%
1153         \fi}
1154   \ifthesis@blocks@titlePage@field@
1155     {\thesis@titlePage@large\vskip 1em%
1156       {\bf\thesis@{fieldTitle}:} \thesis@field}%
1157   \fi\vskip 2em}
1158 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1159 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

```

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

```

1160 \def\thesis@blocks@tables{%
1161   \thesis@blocks@clear
1162   \tableofcontents
1163   \thesis@blocks@lot
1164   \thesis@blocks@lof}

```

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

```

1165 \def\thesis@blocks@declaration{%
1166   \thesis@blocks@clear
1167   \begin{alwaysingle}%
1168     \chapter*{\thesis@{declarationTitle}}%
1169     \thesis@declaration
1170     \vskip 2cm%
1171     \hfill\thesis@author
1172   \end{alwaysingle}}

```

`\thesis@blocks@thanks` The `\thesis@blocks@thanks` macro typesets the acknowledgement, if the `\thesis@thanks` macro is defined. Otherwise, the macro produces no output.

```

1173 \def\thesis@blocks@thanks{%
1174   \ifx\thesis@thanks\undefined\else
1175     \thesis@blocks@clear
1176     \begin{alwaysingle}%
1177       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1178       \thesis@thanks
1179     \end{alwaysingle}%
1180   \fi}

```

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

```

1181 \def\thesis@blocks@abstract{%
1182   \begin{alwaysingle}%
1183     % Start the new chapter without clearing the right page
1184     {\def\cleardoublepage{}
1185     \chapter*{\thesis@{abstractTitle}}}%
1186     \noindent\thesis@abstract
1187     \par\vfil\null
1188   \end{alwaysingle}}

```

`\thesis@blocks@abstractEn` The `\thesis@blocks@abstractEn` macro typesets the abstract in English. If the current locale is English, the macro produces no output.

```

1189 \def\thesis@blocks@abstractEn{%
1190   \ifthesis@english\else
1191     {\thesis@selectLocale{english}%
1192     \begin{alwaysingle}%
1193       % Start the new chapter without clearing the right page
1194       {\def\cleardoublepage{}
1195       \chapter*{\thesis@english@abstractTitle}%
1196       \thesis@abstractEn}%

```

```

1197     \par\vfil\null
1198     \end{alwaysingle}}%
1199 \fi}

```

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

```

1200 \def\thesis@blocks@keywords{%
1201   \begin{alwaysingle}%
1202   % Start the new chapter without clearing the right page
1203   {\def\cleardoublepage{}%
1204    \chapter*{\thesis@{keywordsTitle}}%
1205    \noindent\thesis@TeXkeywords}%
1206   \par\vfil\null
1207   \end{alwaysingle}}

```

`\thesis@blocks@keywordsEn` The `\thesis@blocks@keywordsEn` macro typesets the keywords in English. If the current locale is English, the macro produces no output.

```

1208 \def\thesis@blocks@keywordsEn{%
1209   \ifthesis@english\else
1210     {\thesis@selectLocale{english}%
1211      \begin{alwaysingle}%
1212      % Start the new chapter without clearing the right page
1213      {\def\cleardoublepage{}%
1214       \chapter*{\thesis@english@keywordsTitle}%
1215       \thesis@TeXkeywordsEn}%
1216      \par\vfil\null
1217      \end{alwaysingle}}%
1218   \fi}

```

`\thesis@blocks@assignment` The `\thesis@blocks@assignment` macro either:

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

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

```

1219 \newif\ifthesis@blocks@assignment@
1220 \thesis@blocks@assignment@true
1221 \def\thesis@blocks@assignment{%
1222   \ifthesis@blocks@assignment@
1223     \ifx\thesis@assignmentFiles\undefined
1224       % Typeset a placeholder page.

```

```

1225 \thesis@blocks@clear
1226 \begin{alwaysssingle}%
1227 \thispagestyle{empty}%
1228 \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1229 \noindent\textit{\thesis@{assignment}}%
1230 \end{alwaysssingle}%
1231 \else
1232 {\edef\@pdfList{\thesis@assignmentFiles}%
1233 \ifx\@pdfList\empty\else
1234 \let\ea\expandafter
1235 % Inject the specified PDF documents.
1236 \def\@inject##1,{\thesis@blocks@clear
1237 \def\@args{##1}\def\@relax{\relax}%
1238 \ifx\@args\@relax\else
1239 % Trim leading spaces.
1240 \edef\@trimmed{\romannumeral-'\.##1}%
1241 \includepdf[pages=-]\@trimmed
1242 \ea\@inject\fi}%
1243 \ea\@inject\@pdfList,\relax,%
1244 \fi}%
1245 \fi
1246 \fi}

```

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

```

1247 \def\thesis@blocks@mainMatter{%
1248 \thesis@blocks@clear
1249 \setcounter{page}{1}
1250 \pagenumbering{arabic}
1251 \pagestyle{thesisheadings}
1252 \parindent 1.5em\relax}

```

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

```

1253 % Table of contents will contain sectioning commands up to
1254 % \subsubsection
1255 \setcounter{tocdepth}{3}
1256
1257 % Load the 'fithesis-1*.clo' size option
1258 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1259
1260 % Define the running heading style
1261 \def\ps@thesisheadings{%
1262 \def\chaptermark##1{%
1263 \markright{%
1264 \ifnum\c@secnumdepth >\m@ne

```

```

1265         \thechapter.\ %
1266         \fi ##1}}
1267 \let\@oddfoot\@empty
1268 \let\@oddhead\@empty
1269 \def\@oddhead{%
1270     \vbox{%
1271         \hbox to \textwidth{%
1272             \hfil{\sc\rightmark}}}%
1273     \vskip 4pt\hrule}}
1274 \if@twoside
1275     \def\@evenhead{%
1276         \vbox{%
1277             \hbox to \textwidth{%
1278                 {\sc\rightmark}%
1279                 \hfil}
1280             \vskip 4pt\hrule}}
1281 \else
1282     \let\@evenhead\@oddhead
1283 \fi
1284 \def\@oddfoot{\hfil\PageFont\thepage}
1285 \if@twoside
1286     \def\@evenfoot{\PageFont\thepage\hfil}%
1287 \else
1288     \let\@evenfoot\@oddfoot
1289 \fi
1290 \let\@mkboth\markboth}
1291
1292 % Redefine the style of the chapter headings
1293 \renewcommand*\chapter{%
1294     \thesis@blocks@clear
1295     \thispagestyle{plain}%
1296     \global\@topnum\z@
1297     \@afterindentfalse
1298     \secdef\@chapter\@schapter}
1299
1300 % Redefine the style of part headings
1301 \renewcommand*\part{%
1302     \thesis@blocks@clear
1303     \if@twocolumn
1304         \onecolumn
1305         \@tempswattrue
1306     \else
1307         \@tempswafalse
1308     \fi
1309     \hbox{}\vfil
1310     \secdef\@part\@spart}
1311
1312 \newif\if@restonecol
1313 \def\alwaysingle{%
1314     \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}

```

```

1315 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1316
1317 \renewcommand*\l@part[2]{%
1318   \ifnum \c@tocdepth >-2\relax
1319     \addpenalty{-\@highpenalty}%
1320     \addvspace{0.5em \@plus\p@}%
1321     \begingroup
1322       \setlength\@tempdima{3em}%
1323       \parindent \z@ \rightskip \@pnumwidth
1324       \parfillskip -\@pnumwidth
1325       {\leavevmode
1326         \normalfont \bfseries #1\hfil \hbext@\@pnumwidth{\hss #2}}\par
1327       \nobreak
1328       \global\@nobreaktrue
1329       \everypar{\global\@nobreakfalse\everypar{}}%
1330     \endgroup
1331     \addvspace{0.2em \@plus\p@}%
1332   \fi}
1333
1334 \renewcommand*\l@chapter[2]{%
1335   \ifnum \c@tocdepth >\m@ne
1336     \addpenalty{-\@highpenalty}%
1337     \vskip 1.0em \@plus\p@
1338     \setlength\@tempdima{1.5em}%
1339     \begingroup
1340       \parindent \z@ \rightskip \@pnumwidth
1341       \parfillskip -\@pnumwidth
1342       \leavevmode \bfseries
1343       \advance\leftskip\@tempdima
1344       \hskip -\leftskip
1345       #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1346       \penalty\@highpenalty
1347     \endgroup
1348   \fi}
1349
1350 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1351 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1352 \renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
1353 \renewcommand*\l@subsubsection{\@dottedtocline{4}{7.0em}{3.8em}}

```

3.6.2.3 The style/mu/fithesis-10.clo file

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

```

1354 <*opt>
1355 <*10pt>
1356 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2016/01/07]
1357
1358 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont}
1359 \abovedisplayskip 10\p@ plus2\p@ minus5\p@

```



```

1360 \belowdisplayskip \abovedisplayskip
1361 \abovedisplayshortskip \z@ plus3\p@
1362 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1363 \let\@listi\@listI}
1364
1365 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont
1366 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1367 \belowdisplayskip \abovedisplayskip
1368 \abovedisplayshortskip \z@ plus2\p@
1369 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1370 \def\@listi{\leftmargin\leftmargini
1371 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1372 \itemsep \parsep}}
1373
1374 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont
1375 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1376 \belowdisplayskip \abovedisplayskip
1377 \abovedisplayshortskip \z@ plus\p@
1378 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1379 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1380 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1381 \itemsep \parsep}}
1382
1383 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1384 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1385 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1386 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1387 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1388 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1389 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1390
1391 </10pt>

```

3.6.2.4 The style/mu/fithesis-11.clo file

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

```

1392 (*11pt)
1393 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2016/01/07]
1394
1395 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont
1396 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1397 \belowdisplayskip \abovedisplayskip
1398 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1399 % \abovedisplayshortskip \z@ plus3\p@
1400 \let\@listi\@listI}
1401
1402 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont
1403 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1404 \belowdisplayskip \abovedisplayskip

```

```

1405 \abovedisplayshortskip \z@ plus3\p@
1406 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1407 \def\@listi{\leftmargin\leftmargini
1408 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1409 \itemsep \parsep}}
1410
1411 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont
1412 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1413 \belowdisplayskip \abovedisplayskip
1414 \abovedisplayshortskip \z@ plus\p@
1415 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1416 \def\@listi{\leftmargin\leftmargini
1417 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1418 \itemsep \parsep}}
1419
1420 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
1421 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1422 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1423 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1424 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1425 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1426 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1427
1428 (/11pt)

```

3.6.2.5 The style/mu/fithesis-12.clo file

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

<code>\thesis@titlePage@normalsize</code>	• <code>\thesis@titlePage@normalsize</code> – Equivalent to <code>\normalsize</code>
<code>\thesis@titlePage@small</code>	• <code>\thesis@titlePage@small</code> – Equivalent to <code>\small</code>
<code>\thesis@titlePage@footnotesize</code>	• <code>\thesis@titlePage@footnotesize</code> – Equivalent to <code>\footnotesize</code>
<code>\thesis@titlePage@scriptsize</code>	• <code>\thesis@titlePage@scriptsize</code> – Equivalent to <code>\scriptsize</code>
<code>\thesis@titlePage@tiny</code>	• <code>\thesis@titlePage@tiny</code> – Equivalent to <code>\tiny</code>
<code>\thesis@titlePage@large</code>	• <code>\thesis@titlePage@large</code> – Equivalent to <code>\large</code>
<code>\thesis@titlePage@Large</code>	• <code>\thesis@titlePage@Large</code> – Equivalent to <code>\Large</code>
<code>\thesis@titlePage@LARGE</code>	• <code>\thesis@titlePage@LARGE</code> – Equivalent to <code>\LARGE</code>
<code>\thesis@titlePage@huge</code>	• <code>\thesis@titlePage@huge</code> – Equivalent to <code>\huge</code>
<code>\thesis@titlePage@Huge</code>	• <code>\thesis@titlePage@Huge</code> – Equivalent to <code>\Huge</code>

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

```

1429 (*12pt)
1430 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2016/01/07]
1431 (/12pt)
1432
1433 \def\thesis@titlePage@normalsize{\fontsize\@xiipt{14.5}%
1434 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1435 \belowdisplayskip \abovedisplayskip
1436 \abovedisplayshortskip \z@ plus3\p@
1437 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1438 \let\@listi\@listI}
1439
1440 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont
1441 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1442 \belowdisplayskip \abovedisplayskip
1443 \abovedisplayshortskip \z@ plus3\p@
1444 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1445 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1446 \parsep 4.5\p@ plus2\p@ minus\p@
1447 \itemsep \parsep
1448 \topsep 9\p@ plus3\p@ minus5\p@}}
1449
1450 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont
1451 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1452 \belowdisplayskip \abovedisplayskip
1453 \abovedisplayshortskip \z@ plus3\p@
1454 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1455 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1456 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1457 \itemsep \parsep}}
1458
1459 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1460 \def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
1461 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1462 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
1463 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1464 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1465 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1466
1467 (*12pt)
1468 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1469 \renewcommand{\small}{\thesis@titlePage@small}
1470 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1471 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1472 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1473 \renewcommand{\large}{\thesis@titlePage@large}
1474 \renewcommand{\Large}{\thesis@titlePage@Large}
1475 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}

```

```

1476 \renewcommand{\huge}{\thesis@titlePage@huge}
1477 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1478 </12pt>
1479 \let\@normalsize\normalsize
1480 \normalsize
1481
1482 \if@twoside
1483   \oddsidemargin 0.75in
1484   \evensidemargin 0.4in
1485   \marginparwidth 0pt
1486 \else
1487   \oddsidemargin 0.75in
1488   \evensidemargin 0.75in
1489   \marginparwidth 0pt
1490 \fi
1491 \marginparsep 10pt
1492
1493 \topmargin 0.4in
1494
1495 \headheight 20pt
1496 \headsep 10pt
1497 \topskip 10pt
1498 \footskip 30pt
1499
1500 <*10pt>
1501 \textheight = 43\baselineskip
1502 \advance\textheight by \topskip
1503 \textwidth 5.0truein
1504 \columnsep 10pt
1505 \columnseprule 0pt
1506
1507 \footnotesep 6.65pt
1508 \skip\footins 9pt plus 4pt minus 2pt
1509 \floatsep 12pt plus 2pt minus 2pt
1510 \textfloatsep 20pt plus 2pt minus 4pt
1511 \intextsep 12pt plus 2pt minus 2pt
1512 \dblfloatsep 12pt plus 2pt minus 2pt
1513 \dbltextfloatsep 20pt plus 2pt minus 4pt
1514
1515 \@fptop 0pt plus 1fil
1516 \@fpsep 8pt plus 2fil
1517 \@fpbot 0pt plus 1fil
1518 \@dblftop 0pt plus 1fil
1519 \@dblfpsep 8pt plus 2fil
1520 \@dblfpbot 0pt plus 1fil
1521 \marginparpush 5pt
1522
1523 \parskip 0pt plus 1pt
1524 \partopsep 2pt plus 1pt minus 1pt
1525

```

```

1526 (/10pt)
1527 %
1528 (*11pt)
1529 \textheight = 39\baselineskip
1530 \advance\textheight by \topskip
1531 \textwidth 5.0truein
1532 \columnsep 10pt
1533 \columnseprule 0pt
1534
1535 \footnotesep 7.7pt
1536 \skip\footins 10pt plus 4pt minus 2pt
1537 \floatsep 12pt plus 2pt minus 2pt
1538 \textfloatsep 20pt plus 2pt minus 4pt
1539 \intextsep 12pt plus 2pt minus 2pt
1540 \dblfloatsep 12pt plus 2pt minus 2pt
1541 \dbltextfloatsep 20pt plus 2pt minus 4pt
1542
1543 \@fptop 0pt plus 1fil
1544 \@fpsep 8pt plus 2fil
1545 \@fpbot 0pt plus 1fil
1546 \@dblftop 0pt plus 1fil
1547 \@dblfpsep 8pt plus 2fil
1548 \@dblfpbot 0pt plus 1fil
1549 \marginparpush 5pt
1550
1551 \parskip 0pt plus 0pt
1552 \partopsep 3pt plus 1pt minus 2pt
1553
1554 (/11pt)
1555 %
1556 (*12pt)
1557 \textheight = 37\baselineskip
1558 \advance\textheight by \topskip
1559 \textwidth 5.0truein
1560 \columnsep 10pt
1561 \columnseprule 0pt
1562
1563 \footnotesep 8.4pt
1564 \skip\footins 10.8pt plus 4pt minus 2pt
1565 \floatsep 14pt plus 2pt minus 4pt
1566 \textfloatsep 20pt plus 2pt minus 4pt
1567 \intextsep 14pt plus 4pt minus 4pt
1568 \dblfloatsep 14pt plus 2pt minus 4pt
1569 \dbltextfloatsep 20pt plus 2pt minus 4pt
1570
1571 \@fptop 0pt plus 1fil
1572 \@fpsep 10pt plus 2fil
1573 \@fpbot 0pt plus 1fil
1574 \@dblftop 0pt plus 1fil
1575 \@dblfpsep 10pt plus 2fil

```

```

1576 \@dblfpbot 0pt plus 1fil
1577 \marginparpush 7pt
1578
1579 \parskip 0pt plus 0pt
1580 \partopsep 3pt plus 2pt minus 2pt
1581
1582 (/12pt)
1583 \@lowpenalty 51
1584 \@medpenalty 151
1585 \@highpenalty 301
1586 \@beginparpenalty -\@lowpenalty
1587 \@endparpenalty -\@lowpenalty
1588 \@itempenalty -\@lowpenalty
1589
1590 \def\@makechapterhead#1{%
1591   \setlength\parindent{\z@}%
1592   \setlength\parskip {\z@}%
1593   \ifnum
1594     \c@secnumdepth >\m@ne
1595     \par\nobreak
1596     \vskip 10\p@
1597   \fi
1598   \Large \ChapFont \thechapter{} \space #1\par
1599   \nobreak
1600   \vskip 20\p@}}
1601
1602 \def\@makeschapterhead#1{%
1603   \setlength\parindent{\z@}%
1604   \setlength\parskip {\z@}%
1605   \Large \ChapFont #1\par
1606   \nobreak
1607   \vskip 20\p@}}
1608
1609 \def\chapter{%
1610   \clearpage
1611   \thispagestyle{plain}
1612   \global\@topnum\z@
1613   \@afterindentfalse
1614   \secdef\@chapter\@schapter}
1615
1616 \def\@chapter[#1]#2{%
1617   \ifnum \c@secnumdepth
1618     >\m@ne
1619     \refstepcounter{chapter}%
1620     \typeout{\@chapapp\space\thechapter.}%
1621     \addcontentsline{toc}{chapter}{\protect
1622       \numberline{\thechapter}\bfseries #1}
1623   \else
1624     \addcontentsline{toc}{chapter}{\bfseries #1}
1625   \fi

```

```

1626 \chaptermark{#1}%
1627 \addtocontents{lof}%
1628 {\protect\addvspace{4\p@}}
1629 \addtocontents{lot}%
1630 {\protect\addvspace{4\p@}}
1631 \if@twocolumn
1632 \@topnewpage[\@makechapterhead{#2}]%
1633 \else
1634 \@makechapterhead{#2}%
1635 \afterheading
1636 \fi
1637 }
1638
1639 \def\section{\@startsection{section}{1}{\z@}{%
1640 -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
1641 \reset@font\large\bfseries}}
1642 \def\subsection{\@startsection{subsection}{2}{\z@}{%
1643 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1644 \reset@font\normalsize\bfseries}}
1645 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
1646 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1647 \reset@font\normalsize}}
1648 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
1649 3.25ex plus1ex minus.2ex}{-1em}{%
1650 \reset@font\normalsize\bfseries}}
1651 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
1652 3.25ex plus1ex minus.2ex}{-1em}{%
1653 \reset@font\normalsize\bfseries}}
1654
1655 \setcounter{secnumdepth}{2}
1656
1657 \leftmargini 2.5em
1658 \leftmarginii 2.2em % > \labelsep + width of '(m)'
1659 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
1660 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
1661 \leftmarginv 1em
1662 \leftmarginvi 1em
1663
1664 \leftmargin\leftmargini
1665 \labelsep .5em
1666 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1667
1668 (*10pt)
1669 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
1670 \topsep 8\p@ plus2\p@ minus4\p@
1671 \itemsep 4\p@ plus2\p@ minus\p@}
1672
1673 \let\@listi\@listI
1674 \@listi
1675

```

```

1676 \def\@listii{\leftmargin\leftmarginii
1677 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1678 \topsep 4\p@ plus2\p@ minus\p@
1679 \parsep 2\p@ plus\p@ minus\p@
1680 \itemsep \parsep}
1681
1682 \def\@listiii{\leftmargin\leftmarginiii
1683 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1684 \topsep 2\p@ plus\p@ minus\p@
1685 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1686 \itemsep \topsep}
1687
1688 \def\@listiv{\leftmargin\leftmarginiv
1689 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1690
1691 \def\@listv{\leftmargin\leftmarginv
1692 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1693
1694 \def\@listvi{\leftmargin\leftmarginvi
1695 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1696 </10pt>
1697 %
1698 <*11pt>
1699 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1700 \topsep 9\p@ plus3\p@ minus5\p@
1701 \itemsep 4.5\p@ plus2\p@ minus\p@}
1702
1703 \let\@listi\@listI
1704 \@listi
1705
1706 \def\@listii{\leftmargin\leftmarginii
1707 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1708 \topsep 4.5\p@ plus2\p@ minus\p@
1709 \parsep 2\p@ plus\p@ minus\p@
1710 \itemsep \parsep}
1711
1712 \def\@listiii{\leftmargin\leftmarginiii
1713 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1714 \topsep 2\p@ plus\p@ minus\p@
1715 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1716 \itemsep \topsep}
1717
1718 \def\@listiv{\leftmargin\leftmarginiv
1719 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1720
1721 \def\@listv{\leftmargin\leftmarginv
1722 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1723
1724 \def\@listvi{\leftmargin\leftmarginvi
1725 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}

```



```

1726 </11pt>
1727 %
1728 <*12pt>
1729 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
1730 \topsep 10\p@ plus4\p@ minus6\p@
1731 \itemsep 5\p@ plus2.5\p@ minus\p@}
1732
1733 \let\@listi\@listI
1734 \@listi
1735
1736 \def\@listii{\leftmargin\leftmarginii
1737 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1738 \topsep 5\p@ plus2.5\p@ minus\p@
1739 \parsep 2.5\p@ plus\p@ minus\p@
1740 \itemsep \parsep}
1741
1742 \def\@listiii{\leftmargin\leftmarginiii
1743 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1744 \topsep 2.5\p@ plus\p@ minus\p@
1745 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1746 \itemsep \topsep}
1747
1748 \def\@listiv{\leftmargin\leftmarginiv
1749 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1750
1751 \def\@listv{\leftmargin\leftmarginv
1752 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1753
1754 \def\@listvi{\leftmargin\leftmarginvi
1755 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1756 </12pt>
1757 </opt>

```

3.6.3 The style files of the Faculty of Informatics

3.6.3.1 The style/mu/fithesis-fi.sty file

This is the style file for the theses written at the Faculty of Informatics at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty¹.

```

1758 \NeedsTeXFormat{LaTeX2e}
1759 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2016/01/07]

```

The file defines the color scheme of the respective faculty.

```

1760 \thesis@color@setup{
1761   links={HTML}{FFD451},
1762   tableEmph={HTML}{FFD451},
1763   tableOdd={HTML}{FFF9E5},
1764   tableEven={HTML}{FFECB3}}

```

¹See http://www.fi.muni.cz/docs/BP_DP_na_FI.pdf

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

```
1765 \ifx\thesis@type\thesis@bachelors\else
1766 \ifx\thesis@type\thesis@masters\else
1767 \thesis@blocks@assignment@false
1768 \fi\fi
```

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

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

```
1769 \def\thesis@blocks@titlePage@content{%
1770   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1771   {\thesis@titlePage@large\sc\thesis@{typeName}}\[\[0.3in]]
1772   {\thesis@titlePage@Large\bf\thesis@author}
1773   % If this is a rigorous thesis, typeset the name of the
1774   % thesis advisor.
1775   \ifx\thesis@type\thesis@rigorous
1776     {\thesis@titlePage@large\[\[0.3in]]
1777      {\bf\thesis@{advisorTitle}:} \thesis@advisor}
1778   \fi}%
1779 \def\thesis@blocks@titlePage@footer{%
1780   {\thesis@titlePage@large\thesis@place, \thesis@{semester}
1781   % If this is a rigorous thesis, create space for the advisor's
1782   % signature
1783   \ifx\thesis@type\thesis@rigorous
1784     \let\@A\relax\newlength{\@A}
1785     \settowidth{\@A}{\thesis@{advisorSignature}}
1786     \setlength{\@A}{\@A+1cm}
1787     \hfill\raisebox{-0.5em}{\parbox{\@A}{
1788       \centering
1789       \rule{\@A}{1pt}}\
1790       \thesis@{advisorSignature}
1791     }}
1792   \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.

```
1793 \def\thesis@blocks@declaration{%
1794   \thesis@blocks@clear
1795   \begin{alwaysingle}%
1796     \chapter*{\thesis@{declarationTitle}}%
1797     \thesis@declaration
1798     \vskip 2cm%
1799     \hfill\thesis@author
1800     \par\vfill\noindent
```

```

1801 \textbf{\thesis@{advisorTitle}:} \thesis@advisor
1802 \par\vfil
1803 \end{alwaysssingle}}

```

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

```

1804 \def\thesis@blocks@preamble{%
1805 \thesis@blocks@coverMatter
1806 \thesis@blocks@cover
1807 \thesis@blocks@titlePage
1808 \thesis@blocks@frontMatter
1809 \thesis@blocks@assignment
1810 \thesis@blocks@declaration
1811 \thesis@blocks@thanks
1812 \thesis@blocks@clearRight
1813 \thesis@blocks@abstract
1814 \thesis@blocks@keywords
1815 \thesis@blocks@tables}

```

3.6.4 The style files of the Faculty of Science

3.6.4.1 The `style/mu/fithesis-sci.sty` file

This is the style file for the theses written at the Faculty of Science at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty².

```

1816 \NeedsTeXFormat{LaTeX2e}
1817 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2016/01/12]

```

The file defines the color scheme of the respective faculty.

```

1818 \thesis@color@setup{
1819 links={HTML}{20E366},
1820 tableEmph={HTML}{8EDEAA},
1821 tableOdd={HTML}{EDF7F1},
1822 tableEven={HTML}{CCEDD8}}

```

The file uses Czech locale strings within the macros.

```

1823 \thesis@requireLocale{czech}

```

The file loads the following packages:

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

```

1824 \thesis@require{tikz}
1825 \thesis@require{changepage}

```

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

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

```
1826 \ifx\thesis@type\thesis@bachelors\else
1827 \ifx\thesis@type\thesis@masters\else
1828   \thesis@blocks@assignment@false
1829 \fi\fi
```

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

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

```
1830 \def\thesis@blocks@bibEntry{%
1831   \begin{alwaysingle}%
1832   {% Start the new chapter without clearing the right page
1833     {\def\cleardoublepage}%
1834     \chapter*{\thesis@czech@bib@title}}%
1835   % Calculate the width of the columns
1836   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1837     \bf\thesis@czech@bib@author:}%
1838   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1839     \bf\thesis@czech@bib@thesisTitle:}%
1840   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1841     \bf\thesis@czech@bib@programme:}%
1842   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1843     \bf\thesis@czech@bib@field:}%
1844   % Unless this is a rigorous thesis, we will be typesetting the
1845   % name of the thesis advisor.
1846   \let\@E\relax\newlength{\@E}
1847   \ifx\thesis@type\thesis@rigorous
1848     \setlength{\@E}{0pt}%
1849   \else
1850     \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}%
1851   \fi
```

```

1852 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\%
1853 \bf\thesis@czech@bib@academicYear:}}
1854 \let\@G\relax\newlength{\@G}\settowidth{\@G}{\%
1855 \bf\thesis@czech@bib@pages:}}
1856 \let\@H\relax\newlength{\@H}\settowidth{\@H}{\%
1857 \bf\thesis@czech@bib@keywords:}}
1858 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1859 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{\%
1860 max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1861 \let\@right\relax\newlength{\@right}\setlength{\@right}{\%
1862 \textwidth-\@left-\@skip}
1863 % Typeset the table
1864 \renewcommand{\arraystretch}{2}
1865 \noindent\begin{thesis@newtable@old}%
1866 {\@{p}{\@left}{\@skip}{\@right}{@{}}
1867 \textbf{\thesis@czech@bib@author:} &
1868 \noindent\parbox[t]{\@right}{
1869 \thesis@author\\
1870 \thesis@czech@facultyName,
1871 \thesis@czech@universityName\\
1872 \thesis@department
1873 }\\
1874 \textbf{\thesis@czech@bib@thesisTitle:}
1875 & \thesis@title \\
1876 \textbf{\thesis@czech@bib@programme:}
1877 & \thesis@programme \\
1878 \textbf{\thesis@czech@bib@field:}
1879 & \thesis@field \\
1880 % Unless this is a rigorous thesis, typeset the name of the
1881 % thesis advisor.
1882 \ifx\thesis@type\thesis@rigorous\else
1883 \textbf{\thesis@czech@bib@advisor:}
1884 & \thesis@advisor \\
1885 \fi
1886 \textbf{\thesis@czech@bib@academicYear:}
1887 & \thesis@academicYear \\
1888 \textbf{\thesis@czech@bib@pages:}
1889 & \thesis@pages \\
1890 \textbf{\thesis@czech@bib@keywords:}
1891 & \thesis@TeXkeywords \\
1892 \end{thesis@newtable@old}}
1893 \end{alwaysingle}}

```

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

- `\thesis@english@bib@title` • `\thesis@english@bib@title` – The title of the entire block
- `\thesis@english@bib@author` • `\thesis@english@bib@author` – The label of the author name entry

<code>\thesis@english@bib@title</code>	• <code>\thesis@english@bib@title</code> – The label of the title name entry
<code>\thesis@english@bib@programme</code>	• <code>\thesis@english@bib@programme</code> – The label of the programme name entry
<code>\thesis@english@bib@field</code>	• <code>\thesis@english@bib@field</code> – The label of the field of study name entry
<code>\thesis@english@bib@advisor</code>	• <code>\thesis@english@bib@advisor</code> – The label of the advisor name entry
<code>\thesis@english@bib@academicYear</code>	• <code>\thesis@english@bib@academicYear</code> – The label of the academic year entry
<code>\thesis@english@bib@pages</code>	• <code>\thesis@english@bib@pages</code> – The label of the number of pages entry
<code>\thesis@english@bib@keywords</code>	• <code>\thesis@english@bib@keywords</code> – The label of the keywords entry

```

1894 \def\thesis@blocks@bibEntryEn{%
1895   {\thesis@selectLocale{english}
1896    \begin{alwaysingle}
1897     % Start the new chapter without clearing the right page
1898     {\def\cleardoublepage{}}%
1899     \chapter*{\thesis@english@bib@title}}%
1900     {% Calculate the width of the columns
1901     \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1902       \bf\thesis@english@bib@author:}}
1903     \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1904       \bf\thesis@english@bib@thesisTitle:}}
1905     \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1906       \bf\thesis@english@bib@programme:}}
1907     \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1908       \bf\thesis@english@bib@field:}}
1909     % Unless this is a rigorous thesis, we will be typesetting
1910     % the name of the thesis advisor.
1911     \let\@E\relax\newlength{\@E}
1912     \ifx\thesis@type\thesis@rigorous
1913       \setlength{\@E}{0pt}%
1914     \else
1915       \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1916     \fi
1917     \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1918       \bf\thesis@english@bib@academicYear:}}
1919     \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1920       \bf\thesis@english@bib@pages:}}
1921     \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1922       \bf\thesis@english@bib@keywords:}}
1923     \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1924     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1925       max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1926     \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1927       \textwidth-\@left-\@skip}
1928     % Typeset the table
1929     \renewcommand{\arraystretch}{2}
1930     \noindent\begin{thesis@newtable@old}%

```

```

1931   {\p{\left}{\hskip\@skip}p{\@right}{}}
1932   \textbf{\thesis@english@bib@author:} &
1933   \noindent\parbox[t]{\@right}{
1934     \thesis@author\\
1935     \thesis@english@facultyName,
1936     \thesis@english@universityName\\
1937     \thesis@departmentEn
1938   }\\
1939   \textbf{\thesis@english@bib@thesisTitle:}
1940   & \thesis@titleEn \\
1941   \textbf{\thesis@english@bib@programme:}
1942   & \thesis@programmeEn \\
1943   \textbf{\thesis@english@bib@field:}
1944   & \thesis@fieldEn \\
1945   % Unless this is a rigorous thesis, typeset the name of the
1946   % thesis advisor.
1947   \ifx\thesis@type\thesis@rigorous\else
1948     \textbf{\thesis@english@bib@advisor:}
1949     & \thesis@advisor \\
1950   \fi
1951   \textbf{\thesis@english@bib@academicYear:}
1952   & \thesis@academicYear \\
1953   \textbf{\thesis@english@bib@pages:}
1954   & \thesis@pages \\
1955   \textbf{\thesis@english@bib@keywords:}
1956   & \thesis@TeXkeywordsEn \\
1957   \end{thesis@newtable@old}}
1958 \end{alwaysssingle}
1959 }}

```

`\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.

```

1960 \def\thesis@blocks@frontMatter{%
1961   \pagestyle{empty}
1962   \parindent 1.5em
1963   \setcounter{page}{1}
1964   \pagenumbering{roman}}

```

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

```

1965 \def\thesis@blocks@cover{%
1966   \ifthesis@cover@
1967     \thesis@blocks@clear
1968     \begin{alwaysssingle}
1969       \thispagestyle{empty}
1970       \begin{center}
1971         {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1972           \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1973           \thesis@titlePage@large\thesis@department}

```

```

1974     \vfill
1975     {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1976     \vfill
1977     {\thesis@titlePage@large\thesis@place
1978      \ \thesis@year\hfill\thesis@author}
1979     \end{center}
1980   \end{alwaysssingle}
1981   \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.

```

1982 \def\thesis@blocks@titlePage{%
1983   \thesis@blocks@clear
1984   \begin{alwaysssingle}
1985     \thispagestyle{empty}
1986     % The top of the page
1987     \begin{adjustwidth}{-12mm}{ }
1988       \begin{minipage}{30mm}
1989         \thesis@blocks@universityLogo@color[width=30mm]
1990       \end{minipage}\begin{minipage}{89mm}
1991         \begin{center}
1992           {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1993            \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1994            \thesis@titlePage@normalsize\thesis@department}
1995           \rule{\textwidth}{2pt}\vspace*{2mm}
1996         \end{center}
1997       \end{minipage}\begin{minipage}{30mm}
1998         \thesis@blocks@facultyLogo@color[width=30mm]
1999       \end{minipage}
2000     \end{adjustwidth}
2001     % The middle of the page
2002     \vfill
2003     \parbox\textwidth{% Prevent vfills from squashing the leading
2004       \bf\thesis@titlePage@Huge\thesis@TeXtitle}
2005     {\thesis@titlePage@Huge\\[0.8em]}
2006     {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
2007     {\bf\thesis@titlePage@LARGE\thesis@author\\}
2008     \vfill\noindent
2009     % The bottom of the page
2010     {\bf\thesis@titlePage@normalsize
2011      % Unless this is a rigorous thesis, typeset the name of the
2012      % thesis advisor.
2013      \ifx\thesis@type\thesis@rigorous\else
2014        \thesis@czech@advisorTitle: \thesis@advisor\hfill
2015      \fi
2016      \thesis@place\ \thesis@year}
2017   \end{alwaysssingle}}

```

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

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

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

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

```

2018 \def\thesis@blocks@declaration{%
2019   \thesis@blocks@clear
2020   \begin{alwaysssingle}%
2021     \chapter*{\thesis@{declarationTitle}}%
2022     \thesis@declaration
2023     \vskip 2cm%
2024     {\let\@A\relax\newlength{\@A}
2025      \settowidth{\@A}{\thesis@{authorSignature}}
2026      \setlength{\@A}{\@A+1cm}
2027      \noindent\thesis@place, \thesis@czech@formattedDate\hfill
2028      \begin{minipage}[t]{\@A}%
2029        \centering\rule{\@A}{1pt}\\
2030        \thesis@{authorSignature}\par
2031      \end{minipage}}
2032   \end{alwaysssingle}}

```

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

```

2033 \def\thesis@blocks@preamble{%
2034   \thesis@selectLocale{czech}%
2035   \thesis@blocks@coverMatter
2036   \thesis@blocks@cover
2037   \thesis@blocks@frontMatter
2038   \thesis@blocks@titlePage
2039   \thesis@blocks@clearRight
2040   \thesis@blocks@bibEntry
2041   \thesis@blocks@bibEntryEn
2042   \thesis@blocks@abstract
2043   \thesis@blocks@abstractEn
2044   \thesis@blocks@assignment
2045   \thesis@blocks@thanks
2046   \thesis@blocks@declaration
2047   \thesis@blocks@tables}}

```

3.6.5 The style files of the Faculty of Arts

3.6.5.1 The style/mu/fithesis-phil.sty file

This is the style file for the theses written at the Faculty of Arts at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty³.

```
2048 \NeedsTeXFormat{LaTeX2e}
2049 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2050 \thesis@color@setup{
2051   links={HTML}{6FCEF2},
2052   tableEmph={HTML}{78CEF0},
2053   tableOdd={HTML}{EBF6FA},
2054   tableEven={HTML}{D0EBF5}}
```

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

```
2055 \thesis@blocks@titlePage@department@true
2056 \thesis@blocks@titlePage@field@true
```

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

```
2057 \def\thesis@blocks@preamble{%
2058   \thesis@blocks@coverMatter
2059   \thesis@blocks@cover
2060   \thesis@blocks@titlePage
2061   \thesis@blocks@frontMatter
2062   \thesis@blocks@declaration
2063   \thesis@blocks@thanks
2064   \thesis@blocks@tables}
```

3.6.6 The style files of the Faculty of Education

3.6.6.1 The style/mu/fithesis-ped.sty file

This is the style file for the theses written at the Faculty of Education at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty⁴.

```
2065 \NeedsTeXFormat{LaTeX2e}
2066 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2067 \thesis@color@setup{
2068   links={HTML}{FFA02F},
2069   tableEmph={HTML}{FFBB6B},
2070   tableOdd={HTML}{FFF1E0},
2071   tableEven={HTML}{FFDEB7}}
```

³See http://is.muni.cz/auth/do/1421/4581421/Vzor_bakalarske_prace.pdf

⁴See http://is.muni.cz/do/ped/VPAN/pokdek/Pokyn_dekana_c._1-2010__2_.pdf

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

```

2072 \thesis@blocks@titlePage@department@true
2073 \def\thesis@blocks@titlePage@content{%
2074     {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2075     {\thesis@titlePage@large\sc\thesis@@{typeName}\[0.3in]}
2076     {\thesis@titlePage@Large\bf\thesis@author}
2077     % Typeset the name of the thesis advisor.
2078     {\thesis@titlePage@large\[0.3in]
2079     {\bf\thesis@@{advisorTitle}:} \thesis@advisor}}

```

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

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

```

2080 \def\thesis@blocks@bibEntry{%
2081     \chapter*{\thesis@@{bib@title}}
2082     \noindent\thesis@upper{author@tail}, \thesis@author@head.
2083     \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
2084     \thesis@@{facultyName}, \thesis@department, \thesis@year.
2085     \thesis@pages\ \thesis@@{bib@pages}.
2086     \thesis@@{advisorTitle}: \thesis@advisor}

```

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

```

2087 \def\thesis@blocks@preamble{%
2088     \thesis@blocks@coverMatter
2089     \thesis@blocks@cover
2090     \thesis@blocks@titlePage
2091     \thesis@blocks@frontMatter
2092     \thesis@blocks@bibEntry
2093     \thesis@blocks@clearRight
2094     \thesis@blocks@abstract
2095     \thesis@blocks@abstractEn
2096     \thesis@blocks@keywords
2097     \thesis@blocks@keywordsEn
2098     \thesis@blocks@declaration
2099     \thesis@blocks@thanks
2100     \thesis@blocks@tables}

```

3.6.7 The style files of the Faculty of Social Studies

3.6.7.1 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 rigour⁵, this style is a mere skeleton, which is unlikely to satisfy the exact requirements of any department and will require modification by the user.

```
2101 \NeedsTeXFormat{LaTeX2e}
2102 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2103 \thesis@color@setup{
2104   links={HTML}{58EDD7},
2105   tableEmph={HTML}{69D6C6},
2106   tableOdd={HTML}{E3F1EE},
2107   tableEven={HTML}{C5E3DF}}
```

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

```
2108 \def\thesis@blocks@frontMatter{%
2109   \pagestyle{plain}
2110   \parindent 1.5em
2111   \setcounter{page}{1}
2112   \pagenumbering{roman}}
```

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

```
2113 \def\thesis@blocks@preamble{%
2114   \thesis@blocks@coverMatter
2115   \thesis@blocks@cover
2116   \thesis@blocks@titlePage
2117   \thesis@blocks@frontMatter
2118   \thesis@blocks@clearRight
2119   \thesis@blocks@abstract
2120   \thesis@blocks@abstractEn
2121   \thesis@blocks@keywords
2122   \thesis@blocks@keywordsEn
2123   \thesis@blocks@assignment
2124   \thesis@blocks@declaration
2125   \thesis@blocks@thanks
2126   \thesis@blocks@tables}
```

3.6.8 The style files of the Faculty of Law

3.6.8.1 The `style/mu/fithesis-law.sty` file

This is the style file for the theses written at the Faculty of Law at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements

⁵See <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>

published at the website of the faculty⁶.

```
2127 \NeedsTeXFormat{LaTeX2e}
2128 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2129 \thesis@color@setup{
2130   links={HTML}{CF86EB},
2131   tableEmph={HTML}{D39BE8},
2132   tableOdd={HTML}{F2EBF5},
2133   tableEven={HTML}{E5CCED}}
```

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

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

```
2134 \def\thesis@blocks@cover@header{%
2135   {\sc\thesis@titlePage@Large\thesis@@{facultyLongName}}\%
2136   \thesis@titlePage@large\thesis@department\\vskip 2em}}
2137 \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.

```
2138 \def\thesis@blocks@frontMatter{%
2139   \thesis@blocks@clear
2140   \pagestyle{plain}
2141   \parindent 1.5em
2142   \setcounter{page}{1}
2143   \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.

```
2144 \def\thesis@blocks@mainMatter{%
2145   \thesis@blocks@clear
2146   \pagestyle{thesisheadings}
2147   \parindent 1.5em\relax}
```

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

```
2148 \def\thesis@blocks@preamble{%
2149   \thesis@blocks@coverMatter
2150   \thesis@blocks@cover
2151   \thesis@blocks@titlePage
2152   \thesis@blocks@frontMatter
```

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

```

2153 \thesis@blocks@declaration
2154 \thesis@blocks@clearRight
2155 \thesis@blocks@abstract
2156 \thesis@blocks@abstractEn
2157 \thesis@blocks@keywords
2158 \thesis@blocks@keywordsEn
2159 \thesis@blocks@thanks
2160 \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.

```

2161 \def\thesis@blocks@postamble{%
2162 \thesis@blocks@assignment}

```

3.6.9 The style files of the Faculty of Economics and Administration

3.6.9.1 The `style/mu/fithesis-econ.sty` file

This is the style file for the theses written at the Faculty of Economics and Administration at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty⁷.

```

2163 \NeedsTeXFormat{LaTeX2e}
2164 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2016/02/18]

```

The file defines the color scheme of the respective faculty.

```

2165 \thesis@color@setup{
2166 links={HTML}{F27995},
2167 tableEmph={HTML}{E8B88B},
2168 tableOdd={HTML}{F5ECEB},
2169 tableEven={HTML}{EBD8D5}}

```

The file loads the following packages:

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

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

```

2170 \thesis@require{tikz}
2171 \thesis@require{geometry}
2172 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

```

2173 \def\thesis@blocks@cover{%
2174 \ifthesis@cover@
2175 \thesis@blocks@clear

```

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

```

2176 \begin{alwaysingle}
2177   \thispagestyle{empty}
2178   \begin{center}
2179     {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\%
2180     \thesis@titlePage@Large\thesis@{facultyName}}\}
2181     \vfill
2182     {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2183     \vfill
2184     {\thesis@titlePage@large\thesis@place
2185      \thesis@year\hfill\thesis@author}
2186   \end{center}
2187 \end{alwaysingle}
2188 \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.

```

2189 \thesis@blocks@titlePage@field@true
2190 \def\thesis@blocks@titlePage@content{%
2191   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2192   \ifthesis@english\else
2193     {[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2194   \fi {[0.3in]\thesis@titlePage@Large\sc\thesis@{typeName}}\}
2195 \def\thesis@blocks@titlePage@footer{%
2196   {\thesis@titlePage@large
2197     {% Calculate the width of the thesis author and advisor boxes
2198       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2199         \bf\thesis@{advisorTitle}:}}
2200       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2201       \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2202         \bf\thesis@{authorTitle}:}}
2203       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2204       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2205         max(\@A,\@B)}
2206       \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2207         max(\@C,\@D)}
2208       % Typeset the thesis author and advisor boxes
2209       \vskip 2in\begin{minipage}[t]{\@left}
2210         {\bf\thesis@{advisorTitle}:}\thesis@advisor
2211       \end{minipage}\hfill\begin{minipage}[t]{\@right}
2212         {\bf\thesis@{authorTitle}:}\thesis@author
2213       \end{minipage}}\}[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.

```

2214 \def\thesis@blocks@frontMatter{%
2215   \thesis@blocks@clear
2216   % In case of double-sided typesetting, change the geometry
2217   \ifthesis@twoside@
2218     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2219       right=15mm, includeheadfoot}
2220   \fi\pagestyle{empty}
2221   \parindent 1.5em
2222   \setcounter{page}{1}
2223   \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.

```

2224 \def\thesis@blocks@mainMatter{%
2225   \thesis@blocks@clear
2226   % In case of double-sided typesetting, change the geometry
2227   \ifthesis@twoside@
2228     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2229       right=15mm, includeheadfoot}
2230   \fi\pagestyle{thesisheadings}
2231   \parindent 1.5em\relax}

```

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

```

2232 \def\thesis@blocks@toc{%
2233   \thesis@blocks@clear
2234   \tableofcontents}

```

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

```

2235 \def\thesis@blocks@tables{%
2236   \thesis@blocks@clear
2237   \thesis@blocks@lot
2238   \thesis@blocks@lof}

```

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

```

2239 \ifx\thesis@blocks@lot\empty\else
2240   \def\thesis@blocks@lot{%
2241     \thesis@blocks@clear
2242     \phantomsection
2243     \addcontentsline{toc}{chapter}{\listtablename}%
2244     \listoftables}
2245 \fi
2246
2247 \ifx\thesis@blocks@lof\empty\else
2248   \def\thesis@blocks@lof{%
2249     \thesis@blocks@clear

```



```

2250 \phantomsection
2251 \addcontentsline{toc}{chapter}{\listfigurename}%
2252 \listoffigures}
2253 \fi

```

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

```

2254 \def\thesis@blocks@preamble{%
2255   \thesis@blocks@coverMatter
2256   \thesis@blocks@cover
2257   \thesis@blocks@frontMatter
2258   \thesis@blocks@titlePage
2259   \thesis@blocks@assignment
2260   \thesis@blocks@clearRight
2261   \thesis@blocks@abstract
2262   \thesis@blocks@abstractEn
2263   \thesis@blocks@keywords
2264   \thesis@blocks@keywordsEn
2265   \thesis@blocks@declaration
2266   \thesis@blocks@thanks
2267   \thesis@blocks@toc}

```

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

```

2268 \def\thesis@blocks@postamble{%
2269   \thesis@blocks@tables}

```

3.6.10 The style files of the Faculty of Medicine

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

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 Orthoptics⁸.

```

2270 \NeedsTeXFormat{LaTeX2e}
2271 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2016/02/18]

```

The file defines the color scheme of the respective faculty.

```

2272 \thesis@color@setup{
2273   links={HTML}{F58E76},
2274   tableEmph={HTML}{FF9D85},
2275   tableOdd={HTML}{FFF5F6},
2276   tableEven={HTML}{FFDEDF}}

```

The file loads the following packages:

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

⁸See http://is.muni.cz/do/med/zpravyprac/Optomietrie/NALEZITOSTI_ZAVERECNE_PRACE.doc

- `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.

```
2277 \thesis@require{tikz}
2278 \thesis@require{geometry}
2279 \thesis@require{setspace}
2280 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2281 \def\thesis@blocks@cover{%
2282   \ifthesis@cover@
2283     \thesis@blocks@clear
2284     \begin{alwaysingle}
2285       \thispagestyle{empty}
2286       \begin{center}
2287         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\\%
2288         \thesis@titlePage@Large\thesis@@{facultyName}\\}
2289         \vfill
2290         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2291         \vfill
2292         {\thesis@titlePage@large\thesis@place
2293          \ \thesis@year\hfill\thesis@author}
2294       \end{center}
2295     \end{alwaysingle}
2296   \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.

```
2297 \def\thesis@blocks@titlePage@content{%
2298   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
2299   {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}}
2300 \def\thesis@blocks@titlePage@footer{%
2301   {\thesis@titlePage@large
2302     {% Calculate the width of the thesis author and advisor boxes
2303       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2304         \bf\thesis@@{advisorTitle}:}}
2305       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2306       \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2307         \bf\thesis@@{authorTitle}:}}
2308       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2309       \let\@E\relax\newlength{\@E}\settowidth{\@E}{%
2310         \bf\thesis@@{fieldTitle}:}}
2311       \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
2312       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2313         max(\@A,\@B)}
```

```

2314 \let\@right\relax\newlength{\@right}\pgfmithsetlength{\@right}{%
2315     max(\@C,\@D,\@E,\@F)}
2316 % Typeset the thesis author and advisor boxes
2317 \vskip 2in\begin{minipage}[t]{\@left}
2318     {\bf\thesis@{advisorTitle}:}\\\thesis@advisor
2319 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2320     {\bf\thesis@{authorTitle}:}\\\thesis@author
2321     \\\[1em]{\bf\thesis@{fieldTitle}:}\\\thesis@field
2322 \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.

```

2323 \def\thesis@blocks@frontMatter{%
2324     \thesis@blocks@clear
2325     % In case of double-sided typesetting, change the geometry
2326     \ifthesis@twoside@
2327         \newgeometry{top=25mm,bottom=20mm,left=35mm,
2328             right=15mm, includeheadfoot}
2329     \fi\pagestyle{empty}
2330     \parindent 1.5em
2331     \setcounter{page}{1}
2332     \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.

```

2333 \def\thesis@blocks@mainMatter{%
2334     \thesis@blocks@clear
2335     % In case of double-sided typesetting, change the geometry
2336     \ifthesis@twoside@
2337         \newgeometry{top=25mm,bottom=20mm,left=35mm,
2338             right=15mm, includeheadfoot}
2339     \fi\setcounter{page}{1}
2340     \pagenumbering{arabic}
2341     \pagestyle{thesisheadings}
2342     \parindent 1.5em
2343     \onehalfspacing}

```

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

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

```

2344 \def\thesis@blocks@bibEntry{%
2345     \chapter*{\thesis@{bib@title}}

```

```

2346 \noindent\thesis@upper{author@tail}, \thesis@author@head.
2347 \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2348 \thesis@{facultyName}, \thesis@department, \thesis@year.
2349 \thesis@pages\ \thesis@{bib@pages}.
2350 \thesis@{advisorTitle}: \thesis@advisor}

```

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

```

2351 \def\thesis@blocks@preamble{%
2352   \thesis@blocks@coverMatter
2353   \thesis@blocks@cover
2354   \thesis@blocks@frontMatter
2355   \thesis@blocks@titlePage
2356   \onehalfspacing
2357   \thesis@blocks@clearRight
2358   \thesis@blocks@abstract
2359   \thesis@blocks@abstractEn
2360   \thesis@blocks@keywords
2361   \thesis@blocks@keywordsEn
2362   \thesis@blocks@bibEntry
2363   \thesis@blocks@declaration
2364   \thesis@blocks@thanks
2365   \thesis@blocks@tables}

```

3.6.11 The style files of the Faculty of Sports Studies

3.6.11.1 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 faculty⁹.

```

2366 \NeedsTeXFormat{LaTeX2e}
2367 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2368 \thesis@color@setup{
2369   links={HTML}{93BCF5},
2370   tableEmph={HTML}{A8BDE3},
2371   tableOdd={HTML}{EBEFF5},
2372   tableEven={HTML}{D1DAEB}}

```

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

```

2373 \thesis@blocks@titlePage@field@true

```

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

```

2374 \def\thesis@blocks@preamble{%
2375   \thesis@blocks@coverMatter
2376   \thesis@blocks@cover

```

⁹See http://www.fsps.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc

2377 \thesis@blocks@titlePage
 2378 \thesis@blocks@frontMatter
 2379 \thesis@blocks@declaration
 2380 \thesis@blocks@thanks
 2381 \thesis@blocks@tables}

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Change History

v0.0	General: bachelor project of Daniel Marek under supervision of Petr Sojka	209	v0.2.04	General: fix SK declaration [Peter Cerensky, JP]	209
v0.0a	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing	209	v0.2.05	General: add English abstract [JP] .	209
v0.1	General: new release, documentation editing (CZ only, sorry) [PS]	209	v0.2.06	General: fix : behind Advisor [JP] .	209
v0.1a	General: minor documentation changes (CZ only, sorry) [PS] .	209	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] .	209
v0.1b	General: change of default size (11pt→12pt) [JP]	209	v0.2.08	General: add change of University name [JP]	209
v0.1c	General: default values of \facultyname and \@thesissubtitle set for backward compatibility) [PS]	209	v0.2.09	General: add EN version of University name [JP]	209
v0.1d	General: removed def schapter from fit1*.clo [JP]	209	v0.2.10	General: fix EN name of Acknowledgement [JP]	209
v0.1e	General: add Brno to MU title [JP] .	209	v0.2.11	General: fix missing fi-logo.mf [JP,PS]	209
v0.1f	General: add documentation for hyperref [JP]	209	v0.2.12	General: Licence change to the LPPL [JP]	209
v0.1g	General: change of default size (12pt→11pt) [JP]	209	v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. http://github.com/liskin/fithesis .	209
v0.2.00	General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP]	209	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 typographic elements [VN] .	209
v0.2.01	General: add subsubsection to toc [JP]	209	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,	
v0.2.02	General: fix encoding bug [JP] . . .	209			
v0.2.03	General: fix title spacing [PS, JP] . .	209			

	added PDF metadata stamping support [VN]	209			
v0.3.02	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN]	209			
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]	209			
v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN]	209			
v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodelineIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15)	209			
v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless				
					of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN]
					209
			v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN]	209
			v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)	
				Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17)	209
			v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN]	209
			v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packaged 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]	209
			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 <code>\thesis@english@facultyName</code> string. Documentation refinements. [VN]	209
v0.3.12	General: The subsections and sub-subsections now use the correct <code>tocdepth</code> . [VN]	209
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous <code>\thesis@blocks@clear</code> block withing the definition of <code>\thesis@blocks@frontMatter</code> in the <code>fss</code> style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the <code>med</code> and <code>ped</code> style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the <code>\thesis@blocks@bibEntry</code> and the <code>\thesis@blocks@bibEntryEn</code> blocks within the <code>sci</code> style file. The <code>\thesis@blocks@assignment</code> 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 <code>\ifthesis@blocks@assignment</code> conditional can be set either by the subsequently loaded style files or by the user. So far, only the <code>fi</code> and <code>sci</code> style files set the conditional. [VN]	209
v0.3.14	General: Updated the documentation. [VN]	209
v0.3.15	General: Renamed <code>\thesis@requireStyle</code> to <code>\thesis@requireWithOptions</code> and moved the style loader from the <code>\thesis@load</code> routine to a new <code>\thesis@requireStyle</code> macro to make the semantics of <code>\thesis@requireLocale</code> and <code>\thesis@requireStyle</code> more similar. Changed the <code>basepath</code> , <code>logopath</code> , <code>localepath</code> and <code>stylepath</code> keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] . . .	209
v0.3.16	General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN]	209
v0.3.17	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] . . .	209
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 README 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	

<p><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 <code>logo/</code> directory structure. [VN] 209</p>	<p>v0.3.23</p> <p>General: Fixed a typo in the Slovak locale. [VN] 209</p>
<p>v0.3.19</p> <p>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] 209</p>	<p>v0.3.24</p> <p>General: Added the <code>\thesis@backend</code> tunable. The hyphenation pattern switching now uses <code>polyglossia</code> instead of crude <code>\language</code> switching whenever possible. Added the opt-out microtype class option, which loads the microtypographic extension. The <code>\thesis@locale@summer</code> and <code>@winter</code> locale macros were renamed to <code>@spring</code> and <code>@fall</code>. The <code>\thesis@parseDate</code> now uses more realistic month ranges to set <code>\thesis@season</code> and <code>\thesis@academicYear</code>. Removed the extraneous indent in the <code>\thesis@blocks@declaration</code> macro definition within the <code>style/mu/fithesis-fi.sty</code> style file. <code>\paragraphs</code> are not included in the table of contents by default. The table class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the <code>style/mu/fithesis-econ.sty</code> style file. [VN] 209</p>
<p>v0.3.20</p> <p>General: Removed an extraneous <code>\hypersetup</code> option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] 209</p>	<p>v0.3.25</p> <p>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] 209</p>
<p>v0.3.21</p> <p>General: Fixed an invalid font name. [VN] 209</p>	<p>v0.3.26</p> <p>General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code>. [VN] . . . 209</p>
<p>v0.3.22</p> <p>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] 209</p>	<p>v0.3.27:1</p> <p>General: Fixed a typo in the guide. Added a compatibility layer for <code>\title</code>, <code>\author</code>, and</p>

\maketitle. Minor changes of the documentation. [VN] . . .	209	\thesis@require command now also takes an optional argument and the \thesis@require-WithOption command has become \thesis@require-IfExists. [VN]	209
v0.3.27:2		v0.3.28:2	
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 \language name differs from \thesis@locale). Instead, \thesis@preamble and @postamble now locally switch the locale and expand \thesis@blocks@preamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files. [VN]	209	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]	209
v0.3.27:3		v0.3.29:1	
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. [VN]	209	General: The initial pages of the styles of the Masaryk University in Brno are no longer pagelinked, so that hyperref links work correctly. [VN] . . .	209
v0.3.27:4		v0.3.29:2	
General: \thesis@english@declaration now uses the correct idiom (by one's own → on one's own). [VN]	209	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]	209
v0.3.27:5		v0.3.29:3	
General: The PDF bookmarks are no longer garbled, when the LuaTeX engine is used. [VN] .	209	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] . . .	209
v0.3.28:1		v0.3.30	
General: The draft option has no longer an effect on the microtype package. The		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]	209
		v0.3.31:1	
		General: The redefinitions of \appendix from the style/mu/	

<p>/fithesis-1*.clo files, which broke hyperref links to appendices, were removed. [VN] .. 209</p>	<p>@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] 209</p>
<p>v0.3.31:2 General: All trailing %s were removed. Some of the inherited fithesis2 code in the 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] 209</p>	<p>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. 209</p>
<p>v0.3.31:3 General: The style/mu/fithesis-sci.sty style file redefines \thesis@blocks@</p>	<p>v0.3.33 General: Added \thesis@patch. .. 209</p>