

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_{\LaTeX} engine.
- `ifluatex` – Used to detect the $\text{Lua}\TeX$ engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the X_{\LaTeX} and $\text{Lua}\TeX$ 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

`\thesis@parseAuthor` 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:

\thesis@parseDate		
\thesis@date		
\thesis@year	• \thesis@date – The entire <i>date</i>	• \thesis@month – The MM of <i>date</i>
\thesis@month	• \thesis@year – The YYYY of <i>date</i>	• \thesis@day – The DD of <i>date</i>
\thesis@day		
\thesis@season	• \thesis@season – Expands to either:	
	– spring if $2 < \text{MM} < 9$,	
	– fall if $\text{MM} \leq 2$ or $\text{MM} \geq 9$.	
\thesis@seasonYear	• \thesis@seasonYear – The year of the given semester:	
	– YYYY – 1 if $\text{MM} \leq 2$.	
	– YYYY if $\text{MM} > 2$	
\thesis@academicYear	• \thesis@academicYear – The academic year of the given semester:	
	– 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 \TeX keywords of the thesis to the comma-delimited *list*. The *list* is used, when typesetting the keywords, whereas `\thesis@keywords` is a plain text, which gets included in the PDF header of the resulting document. The *list* is stored within the `\thesis@TeXkeywords` macro.

```
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 \TeX keywords of the thesis to the comma-delimited *list*. The *list* is used, when typesetting the keywords, whereas `\thesis@keywordsEn` is a plain text, which gets included in the PDF header of the resulting document. The *list* is stored within the `\thesis@TeXkeywordsEn` macro.

```
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 2016/02/18 v0.3.32 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\ea
354   \ea\ea\ea\ea\ea\ea\ea@gobble\ea\ea\ea\string\ea\csname\csname 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\ea
360   \ea\ea\ea\ea\ea\ea\ea@gobble\ea\ea\ea\string\ea\csname\csname 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 \TeX 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   }}
```

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 `dtxtut`, `docstrip`, `doc` and `ltxdoc` manuals.

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

3.5.1 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.

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

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

```
389
390 % Placeholders
391 \gdef\thesis@english@universityName{University name}
392 \gdef\thesis@english@facultyName{Faculty name}
393 \gdef\thesis@english@assignment{Replace this page with a copy
394   of the official signed thesis assignment.}
395 \gdef\thesis@english@declaration{Declaration text ...}
396
397 % Csquotes style
398 \gdef\thesis@english@csquotesStyle{english}
```



```

399
400 % Time strings
401 \gdef\thesis@english@spring{Spring}
402 \gdef\thesis@english@fall{Fall}
403 \gdef\thesis@english@semester{%
404   \thesis@{english@\thesis@season} \thesis@seasonYear}
405
406 % Miscellaneous
407 \gdef\thesis@english@fieldTitle{Field of study}
408 \gdef\thesis@english@advisorTitle{Advisor}
409 \gdef\thesis@english@authorTitle{Author}
410 \gdef\thesis@english@abstractTitle{Abstract}
411 \gdef\thesis@english@keywordsTitle{Keywords}
412 \gdef\thesis@english@thanksTitle{Acknowledgement}
413 \gdef\thesis@english@declarationTitle{Declaration}
414 \gdef\thesis@english@idTitle{ID}
415 \gdef\thesis@english@typeName{%
416   \ifx\thesis@type\thesis@bachelors
417     Bachelor's Thesis%
418   \else\ifx\thesis@type\thesis@masters
419     Master's Thesis%
420   \else\ifx\thesis@type\thesis@doctoral
421     Doctoral Thesis%
422   \else\ifx\thesis@type\thesis@rigorous
423     Rigorous Thesis%
424   \else
425     <<Unknown thesis type (\thesis@type)>>%
426   \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.

```

427 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2015/11/30]
428 \gdef\thesis@english@universityName{Masaryk University}
429 \gdef\thesis@english@declaration{%
430   Hereby I declare that this paper is my original authorial work,
431   which I have worked out on my own. All sources, references, and
432   literature used or excerpted during elaboration of this work are
433   properly cited and listed in complete reference to the due source.}
434
435 % Miscellaneous
436 \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.

```
437 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
438 \gdef\thesis@english@facultyName{Faculty of Law}
439 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
440 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.

```
441 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
442
443 % Placeholders
444 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
445
446 % Miscellaneous
447 \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.

```
448 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]
449
450 % Placeholders
451 \gdef\thesis@english@facultyName{Faculty of Social Studies}
452 \gdef\thesis@english@assignment{Replace this page with a copy
453 of the official signed thesis assignment or the copy of the
454 Statement of an Author or both, depending on the requirements of
455 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.

```
456 \ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2015/06/26]
457 \gdef\thesis@english@facultyName{Faculty of Economics
458 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.

```
459 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]
460
461 % Miscellaneous
462 \gdef\thesis@english@abstractTitle{Annotation}
463
464 % Placeholders
465 \gdef\thesis@english@facultyName{Faculty of Medicine}
466
467 % Bibliographic entry
468 \gdef\thesis@english@bib@title{Bibliographic record}
469 \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.

```
470 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
471
472 % Placeholders
473 \gdef\thesis@english@facultyName{Faculty of Informatics}
474 \gdef\thesis@english@assignment{Replace this page with a copy
475   of the official signed thesis assignment and the copy of the
476   Statement of an Author.}
477
478 % Others
479 \gdef\thesis@english@advisorSignature{Signature of Thesis
480   \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.

```
481 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2015/06/26]
482 \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.

```

483 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2015/06/26]
484
485 % Placeholders
486 \gdef\thesis@english@facultyName{Faculty of Education}
487
488 % Bibliographic entry
489 \gdef\thesis@english@bib@title{Bibliographic record}
490 \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.

```

491 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]
492
493 % Placeholders
494 \gdef\thesis@english@facultyName{Faculty of Science}
495
496 % Miscellaneous
497 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
498
499 % Bibliographic entry
500 \gdef\thesis@english@bib@title{Bibliographic entry}
501 \global\let\thesis@english@bib@author\thesis@english@authorTitle
502 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
503 \gdef\thesis@english@bib@programme{Degree Programme}
504 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
505 \gdef\thesis@english@bib@advisor{Supervisor}
506 \gdef\thesis@english@bib@academicYear{Academic Year}
507 \gdef\thesis@english@bib@pages{Number of Pages}
508 \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.

```

509 \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.

```

510
511 % Pomocná makra
512 \gdef\thesis@czech@gender@koncovka{%
513   \ifthesis@woman a\fi}
514
515 % Csquotes styl
516 \gdef\thesis@czech@csquotesStyle{german}
517
518 % Zástupné texty
519 \gdef\thesis@czech@universityName{Název univerzity}
520 \gdef\thesis@czech@facultyName{Název fakulty}
521 \gdef\thesis@czech@assignment{Místo tohoto listu vložte kopii
522   oficiálního podepsaného zadání práce.}
523 \gdef\thesis@czech@declaration{Text prohlášení ...}
524
525 % Časové údaje
526 \gdef\thesis@czech@spring{jaro}
527 \gdef\thesis@czech@fall{podzim}
528 \gdef\thesis@czech@semester{%
529   \thesis@{czech@\thesis@season} \thesis@seasonYear}
530
531 % Různé
532 \gdef\thesis@czech@fieldTitle{Obor}
533 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
534 \gdef\thesis@czech@authorTitle{Autor}
535 \gdef\thesis@czech@abstractTitle{Shrnutí}
536 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
537 \gdef\thesis@czech@thanksTitle{Poděkování}
538 \gdef\thesis@czech@declarationTitle{Prohlášení}
539 \gdef\thesis@czech@idTitle{ID}
540 \gdef\thesis@czech@typeName{%
541   \ifx\thesis@type\thesis@bachelors
542     Bakalářská práce%
543   \else\ifx\thesis@type\thesis@masters
544     Diplomová práce%
545   \else\ifx\thesis@type\thesis@doctoral
546     Disertační práce%
547   \else\ifx\thesis@type\thesis@rigorous
548     Rigorózní práce%
549   \else
550     <<Neznámý typ práce (\thesis@type)>>%
551   \fi\fi\fi\fi}
552 \gdef\thesis@czech@typeName@akuzativ{%
553   \ifx\thesis@type\thesis@bachelors
554     Bakalářskou práci%
555   \else\ifx\thesis@type\thesis@masters
556     Diplomovou práci%
557   \else\ifx\thesis@type\thesis@doctoral
558     Disertační práci%
559   \else\ifx\thesis@type\thesis@rigorous

```

```

560 Rigorózní práci%
561 \else
562 <<Neznámý typ práce (\thesis@type)>>%
563 \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.

```

564 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/11/17]
565
566 % Zástupné texty
567 \gdef\thesis@czech@universityName{Masarykova univerzita}
568 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
569 \thesis@lower{czech@typeName@akuzativ} zpracoval%
570 \thesis@czech@gender@koncovka\ samostatně a
571 použil\thesis@czech@gender@koncovka\ jen prameny
572 uvedené~v seznamu literatury.}
573
574 % Různé
575 \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.

```

576 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
577
578 % Různé
579 \gdef\thesis@czech@abstractTitle{Abstrakt}
580
581 % Zástupné texty
582 \gdef\thesis@czech@facultyName{Právnická fakulta}
583 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
584 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.

```

585 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
586
587 % Zástupné texty

```

```

588 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
589
590 % Různé
591 \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.

```

592 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
593
594 % Zástupné texty
595 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
596 \gdef\thesis@czech@assignment{Místo tohoto listu
597 vložíte kopie oficiálního podepsaného zadání práce nebo
598 prohlášení autora školního díla nebo obojí~v závislosti na
599 požadavcích příslušné katedry.}
600

```

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.

```

601 \ProvidesFile{fithesis/locale/mu/econ/fithesis-czech.def}[2015/06/26]
602 \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.

```

603 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2015/06/26]
604
605 % Různé
606 \gdef\thesis@czech@abstractTitle{Anotace}
607
608 % Zástupné texty
609 \gdef\thesis@czech@facultyName{Lékařská fakulta}
610
611 % Bibliografický záznam
612 \gdef\thesis@czech@bib@title{Bibliografický záznam}
613 \gdef\thesis@czech@bib@pages{str}

```

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

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

```
614 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
615
616 % Zástupné texty
617 \gdef\thesis@czec@facultyName{Fakulta informatiky}
618 \gdef\thesis@czec@assignment{Místo tohoto listu
619 vložíte kopie oficiálního podepsaného zadání práce a
620 prohlášení autora školního díla.}
621 \gdef\thesis@czec@declaration{%
622 Prohlašuji, že tato \thesis@lower{czec@typeName} je mým
623 původním autorským dílem, které jsem vypracoval%
624 \thesis@czec@gender@koncovka\ samostatně. Všechny zdroje,
625 prameny a literaturu, které jsem při vypracování
626 používal\thesis@czec@gender@koncovka\ nebo z nich
627 čerpal\thesis@czec@gender@koncovka, v práci řádně cituji
628 s uvedením úplného odkazu na příslušný zdroj.}
629
630 % Ostatní
631 \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.

```
632 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/01/07]
633
634 % Zástupné texty
635 \gdef\thesis@czec@facultyName{Filozofická fakulta}
636 \gdef\thesis@czec@declaration{%
637 Prohlašuji, že jsem \thesis@lower{czec@typeName@akuzativ}
638 vypracoval\thesis@czec@gender@koncovka\ samostatně s využitím
639 uvedených literatur.}
640
641 % Ostatní
642 \gdef\thesis@czec@typeName{%
643 \ifx\thesis@type\thesis@bachelors
644 Bakalářská diplomová práce%
645 \else\ifx\thesis@type\thesis@masters
646 Magisterská diplomová práce%
647 \else\ifx\thesis@type\thesis@doctoral
```



```

648   Disertační práce%
649   \else
650     <<Neznámý typ práce (\thesis@type)>>%
651   \fi\fi\fi}
652 \gdef\thesis@czech@typeName@akuzativ{%
653   \ifx\thesis@type\thesis@bachelors
654     Diplomovou práci%
655   \else\ifx\thesis@type\thesis@masters
656     Diplomovou práci%
657   \else\ifx\thesis@type\thesis@doctoral
658     Disertační práci%
659   \else
660     <<Neznámý typ práce (\thesis@type)>>%
661   \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.

```

662 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2015/06/26]
663
664 % Zástupné texty
665 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
666
667 % Bibliografický záznam
668 \gdef\thesis@czech@bib@title{Bibliografický záznam}
669 \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.

```

670 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2016/01/12]
671
672 % Zástupné texty
673 \gdef\thesis@czech@facultyName{Přírodovědecká fakulta}
674
675 % Ostatní
676 \gdef\thesis@czech@abstractTitle{Abstrakt}
677 \gdef\thesis@czech@declaration{%
678   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
679   akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%

```

```

680  statně s~využitím informačních zdrojů, které jsou v~práci
681  citovány.}
682 \gdef\thesis@czech@authorSignature{Podpis autora}
683
684 % Časové údaje
685 \gdef\thesis@czech@formattedDate{%
686   \thesis@day.
687   \newcount\@month\expandafter\@month\thesis@month\relax
688   \ifnum\@month=1%
689     ledna
690   \else\ifnum\@month=2%
691     února
692   \else\ifnum\@month=3%
693     března
694   \else\ifnum\@month=4%
695     dubna
696   \else\ifnum\@month=5%
697     května
698   \else\ifnum\@month=6%
699     června
700   \else\ifnum\@month=7%
701     července
702   \else\ifnum\@month=8%
703     srpna
704   \else\ifnum\@month=9%
705     září
706   \else\ifnum\@month=10%
707     října
708   \else\ifnum\@month=11%
709     listopadu
710   \else\ifnum\@month=12%
711     prosince
712   \else
713     <<neznámý měsíc (\the\@month)>>
714   \fi\fi\fi\fi\fi\fi
715   \fi\fi\fi\fi\fi\fi
716   \thesis@year}}
717
718 % Bibliografický záznam
719 \gdef\thesis@czech@bib@title{Bibliografický záznam}
720 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
721 \gdef\thesis@czech@bib@thesisTitle{Název práce}
722 \gdef\thesis@czech@bib@programme{Studijní program}
723 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
724 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
725 \gdef\thesis@czech@bib@academicYear{Akademický rok}
726 \gdef\thesis@czech@bib@pages{Počet stran}
727 \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.

```
728 \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.

```
729
730 % Pomocná makrá
731 \gdef\thesis@slovak@gender@koncovka{%
732   \ifthesis@woman a\fi}
733
734 % Csquotes štýl
735 \gdef\thesis@slovak@csquotesStyle{german}
736
737 % Zástupné texty
738 \gdef\thesis@slovak@universityName{Názov univerzity}
739 \gdef\thesis@slovak@facultyName{Názov fakulty}
740 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
741   oficiálneho podpísaného zadania práce.}
742 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
743
744 % Časové údaje
745 \gdef\thesis@slovak@spring{jar}
746 \gdef\thesis@slovak@fall{jeseň}
747 \gdef\thesis@slovak@semester{%
748   \thesis@{slovak@\thesis@season} \thesis@seasonYear}
749
750 % Rôzne
751 \gdef\thesis@slovak@fieldTitle{Odbor}
752 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
753 \gdef\thesis@slovak@authorTitle{Autor}
754 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
755 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
756 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
757 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
758 \gdef\thesis@slovak@idTitle{ID}
759 \gdef\thesis@slovak@typeName{%
760   \ifx\thesis@type\thesis@bachelors
761     Bakalárska práca%
762   \else\ifx\thesis@type\thesis@masters
763     Diplomová práca%
```

```

764 \else\ifx\thesis@type\thesis@doctoral
765   Dizertačná práca%
766 \else\ifx\thesis@type\thesis@rigorous
767   Rigorózna práca%
768 \else
769   <<Neznámy typ práce (\thesis@type)>>%
770 \fi\fi\fi\fi}
771 \gdef\thesis@slovak@typeName@akuzativ{%
772 \ifx\thesis@type\thesis@bachelors
773   Bakalársku prácu%
774 \else\ifx\thesis@type\thesis@masters
775   Diplomovú prácu%
776 \else\ifx\thesis@type\thesis@doctoral
777   Dizertačnú prácu%
778 \else\ifx\thesis@type\thesis@rigorous
779   Rigoróznú prácu%
780 \else
781   <<Neznámy typ práce (\thesis@type)>>%
782 \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.

```

783 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/11/17]
784
785 % Zástupné texty
786 \gdef\thesis@slovak@universityName{Masarykova univerzita}
787 \gdef\thesis@slovak@declaration{%
788   Prehlasujem, že som predloženú \thesis@lower{%
789     slovak@typeName@akuzativ} vypracoval%
790   \thesis@slovak@gender@koncovka\ samostatne len s~použitím
791   uvedenej literatúry a prameňov.}
792
793 % Rôzne
794 \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.

```

795 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
796
797 % Rôzne
798 \gdef\thesis@slovak@abstractTitle{Abstrakt}

```

```

799
800 % Zástupné texty
801 \gdef\thesis@slovak@facultyName{Právnická fakulta}
802 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
803 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.

```

804 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
805
806 % Zástupné texty
807 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
808
809 % Rôzne
810 \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.

```

811 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
812
813 % Zástupné texty
814 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
815 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
816 oficiálneho podpísaného zadania práce alebo prehlásenie autora
817 školského diela alebo obidve~v závislosti na požiadavkách
818 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.

```

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

```

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

This is the Slovak locale file specific to the Faculty of Medicine at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and redefines the `abstractTitle` string in accordance with the common usage at the faculty. The file also defines the `bib@title` and `bib@pages` strings required by the

\thesis@blocks@bibEntry block defined within the style/mu/fithesis-med.sty style file.

```
821 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]
822
823 % Rôzne
824 \gdef\thesis@slovak@abstractTitle{Anotácie}
825
826 % Zástupné texty
827 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
828
829 % Bibliografický zoznam
830 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
831 \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.

```
832 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
833
834 % Zástupné texty
835 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
836 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
837 oficiálneho podpísaného zadania práce a prehlásenie autora
838 školského diela.}
839 \gdef\thesis@slovak@declaration{%
840 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
841 pôvodným autorským dielom, ktoré som vypracoval%
842 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
843 pramene a literatúru, ktoré som pri vypracovaní
844 používal\thesis@slovak@gender@koncovka\ alebo z~nich
845 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
846 s~uvedením úplného odkazu na príslušný zdroj.}
847
848 % Rôzne
849 \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.

```
850 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/01/07]
851
```

```

852 % Zástupné texty
853 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
854 \gdef\thesis@slovak@declaration{%
855   Prehlasujem, že som predloženú \thesis@lower{%
856     slovak@typeName@akuzativ} vypracoval%
857     \thesis@slovak@gender@koncovka\ samostatne na
858     základe vlastných zistení a len s~použitím
859     uvedenej literatúry a prameňov.}
860
861 % Rôzne
862 \gdef\thesis@slovak@typeName{%
863   \ifx\thesis@type\thesis@bachelors
864     Bakalárska diplomová práca%
865   \else\ifx\thesis@type\thesis@masters
866     Magisterská diplomová práca%
867   \else\ifx\thesis@type\thesis@doctoral
868     Dizertačná práca%
869   \else
870     <<Neznámy typ práce (\thesis@type)>>%
871   \fi\fi\fi}
872 \gdef\thesis@slovak@typeName@akuzativ{%
873   \ifx\thesis@type\thesis@bachelors
874     Diplomovú prácu%
875   \else\ifx\thesis@type\thesis@masters
876     Diplomovú prácu%
877   \else\ifx\thesis@type\thesis@doctoral
878     Dizertačnú prácu%
879   \else
880     <<Neznámý typ práce (\thesis@type)>>%
881   \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.

```

882 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]
883
884 % Zástupné texty
885 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
886
887 % Bibliografický zoznam
888 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
889 \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.

```
890 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
891
892 % Zástupné texty
893 \gdef\thesis@slovak@facultyName{Přirodovedecká fakulta}
```

3.6 Style files

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

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

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 expanded at the beginning of the document right after <code>\thesis@blocks@preamble</code> . 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.

```
894 \NeedsTeXFormat{LaTeX2e}
895 \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.

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

The file recognizes the following options:

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

```
898 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
899 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
900 \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@

```
901 \newif\ifthesis@twoside@
902 \DeclareOption{oneside}{%
903 \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
904 \DeclareOption{twoside}{%
905 \thesis@twoside@true \@twosidetrue \@mparswitchtrue}
```

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

```
906 \DeclareOption{onecolumn}{\@twocolumnfalse}
907 \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.

```
908 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
909 \DeclareOption{final}{\setlength\overfullrule{0pt}}
```

- 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.

\ifthesis@palatino@

```
910 \newif\ifthesis@palatino@
911 \DeclareOption{palatino}{\thesis@palatino@true}
912 \DeclareOption{nopalatino}{\thesis@palatino@false}
```

<code>\ifthesis@color@</code>	<ul style="list-style-type: none"> • <code>color</code>, <code>monochrome</code> – Certain typographical elements either are or aren’t going to be typeset in color, respectively. The <code>\ifthesis@color@</code> conditional is set to either <code>true</code> or <code>false</code>, respectively.
	<pre> 913 \newif\ifthesis@color@ 914 \DeclareOption{monochrome}{\thesis@color@false} 915 \DeclareOption{color}{\thesis@color@true} </pre>
<code>\ifthesis@microtype@</code>	<ul style="list-style-type: none"> • <code>microtype</code>, <code>nomicrotype</code> – 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 <code>\ifthesis@microtype@</code> conditional is set to either <code>true</code> or <code>false</code>, respectively.
	<pre> 916 \newif\ifthesis@microtype@ 917 \DeclareOption{microtype}{\thesis@microtype@true} 918 \DeclareOption{nomicrotype}{\thesis@microtype@false} </pre>
<code>\ifthesis@newtable@</code>	<ul style="list-style-type: none"> • <code>table</code>, <code>oldtable</code> – If the <code>\ifthesis@color@</code> conditional is <code>true</code>, then the definitions of the <code>tabular</code>, <code>tabularx</code>, and <code>tabu</code> commands either are or aren’t going to be altered to better match the style, respectively. The <code>\ifthesis@newtable@</code> conditional is set to either <code>true</code> or <code>false</code>, respectively.
	<pre> 919 \newif\ifthesis@newtable@ 920 \DeclareOption{table}{\thesis@newtable@true} 921 \DeclareOption{oldtable}{\thesis@newtable@false} </pre>
	<p>The choice of the option name is deliberate – the redefinition of the <code>table</code> environments depends on the <code>xcolor</code> package, which needs to be loaded with the <code>table</code> option. Since so many other packages depend on the <code>xcolor</code> 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 <code>xcolor</code> package before the preamble from the body of the <code>fithesis3</code> class thus breaking the encapsulation. Naming the option <code>table</code> forces the option to be processed by the <code>xcolor</code> package as well and it is therefore an elegant solution to the problem at hand.</p>
<code>\thesis@blocks@tables</code>	<ul style="list-style-type: none"> • <code>lot</code>, <code>no lot</code> – <code>\listoftables</code> either is or isn’t going to be included in the <code>\thesis@blocks@tables</code> block, respectively.
	<pre> 922 \DeclareOption{no lot}{\def\thesis@blocks@lot{}} 923 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables} </pre>
<code>\thesis@blocks@tables</code>	<ul style="list-style-type: none"> • <code>lof</code>, <code>no lof</code> – <code>\listoffigures</code> is or isn’t going to be included in the <code>\thesis@blocks@tables</code> block, respectively.
	<pre> 924 \DeclareOption{no lof}{\def\thesis@blocks@lof{}} 925 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures} </pre>
<code>\thesis@blocks@cover</code>	<ul style="list-style-type: none"> • <code>cover</code>, <code>no cover</code> – The <code>\thesis@blocks@cover</code> either is going to expand to either the thesis cover or produces no output, respectively. The <code>\ifthesis@cover@</code> conditional is set to <code>false</code> or <code>true</code>, respectively.
<code>\ifthesis@cover@</code>	

```

926 \newif\ifthesis@cover@
927 \DeclareOption{nocover}{\thesis@cover@false}
928 \DeclareOption{cover}{\thesis@cover@true}

```

- **digital, printed** – These macrooptions set the options that are appropriate for either the printed or for the digital version of the document, respectively.

```

929 \DeclareOption{digital}{\ExecuteOptions{color,cover}}
930 \DeclareOption{printed}{\ExecuteOptions{monochrome,nocover}}

```

These are the default options:

```

931 \ExecuteOptions{%
932   printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
933 \ProcessOptions*

```

The file uses English locale strings within the macros.

```

934 \thesis@requireLocale{english}

```

The file loads the following packages:

- **xcolor** – Adds support for color manipulation.
- **ifxetex** – Used to detect the X_YTeX engine.
- **ifluatex** – Used to detect the LuaTeX engine.
- **graphics** – 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.

```

935 \thesis@require{xcolor}
936 \thesis@require{graphicx}
937 \thesis@require{pdfpages}
938 \thesis@require{keyval}
939 \thesis@require{ifxetex}
940 \thesis@require{ifluatex}

```

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

```

941 \ifthesis@microtype@
942   \thesis@require[final,babel]{microtype}
943 \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.

```

944 {\let\x\expandafter
945 \x\global\x\let\x\ifthesis@xeluatex\cname if%

```

```

946 \ifxetex true\else
947   \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
948   \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
949   \fi
950 \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.

```

951 \ifthesis@xeluatex
952   \ifthesis@palatino@
953     \thesis@require{fontspec}
954     \thesis@require{unicode-math}
955     \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
956     \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
957       {texgyrepagella-math.otf}
958   \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.

```

959 \else
960   \ifthesis@palatino@
961     \RequirePackage[resetfonts]{cmap}
962     \thesis@require{lmodern}
963     \thesis@require{mathpazo}
964     \thesis@require{tgpagella}
965     \RequirePackage[T1]{fontenc}
966   \fi
967 \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 .

```

968 \let\thesis@newtable@old\tabular
969 \let\endthesis@newtable@old\endtabular
970 \ifthesis@newtable@
971   % Load the packages.
972   \thesis@require{tabularx}
973   \thesis@require{tabu}
974   \thesis@require{booktabs}
975   % Adjust the measurements.
976   \setlength{\aboverulesep}{0pt}
977   \setlength{\belowrulesep}{0pt}
978   \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.

```

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

\thesis@newtable@oldx
\endthesis@newtable@oldx
\thesis@newtable@oldtabu
\endthesis@newtable@oldtabu
979 \ifthesis@color@
980   % The redefinition of ‘tabular’
981   \renewenvironment{tabular}%
982     {\rowcolors{1}{thesis@color@tableOdd}%
983      {thesis@color@tableEven}%
984      \thesis@newtable@old}%
985     {\endthesis@newtable@old}
986   % The redefinition of ‘tabularx’
987   \let\thesis@newtable@oldx\tabularx
988   \let\endthesis@newtable@oldx\endtabularx
989   \renewenvironment{tabularx}%
990     {\rowcolors{1}{thesis@color@tableOdd}%
991      {thesis@color@tableEven}%
992      \thesis@newtable@oldx}%
993     {\endthesis@newtable@oldx}
994   % The redefinition of ‘tabu’
995   \let\thesis@newtable@oldtabu\tabu
996   \let\endthesis@newtable@oldtabu\endtabu
997   \renewenvironment{tabu}%
998     {\rowcolors{1}{thesis@color@tableOdd}%

```

```

999             {thesis@color@tableEven}%
1000         \thesis@newtable@oldtabu}%
1001     {\endthesis@newtable@oldtabu}
1002 \fi
1003 \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.

```

1004 \thesis@require{hyperref}
1005 \hypersetup{pdfborderstyle={/S/U/W 1}} % Less obtrusive borders

```

Clubs and widows are set to be infinitely bad.

```

1006 \widowpenalty 10000
1007 \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.

```

1008 \def\thesis@color@setup#1{%
1009     \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.

```

1010 \define@key{thesis@color}{links}{%
1011     \definecolor{thesis@color@links}#1
1012     \hypersetup{linkbordercolor=thesis@color@links}}
1013 \define@key{thesis@color}{tableOdd}{%
1014     \definecolor{thesis@color@tableOdd}#1}
1015 \define@key{thesis@color}{tableEven}{%
1016     \definecolor{thesis@color@tableEven}#1}
1017 \define@key{thesis@color}{tableEmph}{%
1018     \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.

<code>\thesis@blocks@coverMatter</code>	<p>The <code>\thesis@blocks@coverMatter</code> macro sets up the style of the cover and the title page of the thesis. This amounts to disabling the page numbering, so that <code>hyperref</code> links do not point to the cover page and the title page instead of the initial pages of the main matter.</p> <pre> 1019 \def\thesis@blocks@coverMatter{% 1020 \pagenumbering{gobble}}</pre>
<code>\thesis@blocks@frontMatter</code>	<p>The <code>\thesis@blocks@frontMatter</code> macro sets up the style of the front matter of the thesis.</p> <pre> 1021 \def\thesis@blocks@frontMatter{% 1022 \thesis@blocks@clear 1023 \pagestyle{plain} 1024 \parindent 1.5em 1025 \setcounter{page}{1} 1026 \pagenumbering{roman}}</pre>
<code>\thesis@blocks@clear</code>	<p>The <code>\thesis@blocks@clear</code> macro clears the current page. It also clears the next left-hand (even-numbered) page, when double-sided typesetting is enabled.</p> <pre> 1027 \def\thesis@blocks@clear{% 1028 \ifthesis@twoside@ 1029 \clearpage 1030 \thispagestyle{empty}% 1031 \cleardoublepage 1032 \else 1033 \newpage 1034 \fi}</pre>
<code>\thesis@blocks@clearRight</code>	<p>The <code>\thesis@blocks@clearRight</code> macro clears the current page. It also clears the next right-hand (odd-numbered) page, when double-sided typesetting is enabled.</p> <pre> 1035 \def\thesis@blocks@clearRight{% 1036 \ifthesis@twoside@ 1037 \clearpage 1038 \ifodd\value{page}% 1039 \thispagestyle{empty}% 1040 \hbox{}% 1041 \newpage 1042 \fi 1043 \else 1044 \newpage 1045 \fi}</pre>
<code>\thesis@blocks@facultyLogo@monochrome</code>	<p>The <code>\thesis@blocks@facultyLogo@monochrome[<i><options></i>]</code> macro typesets the <code>\thesis@logopath\thesis@facultyLogo</code> logo with the given <i>options</i> passed to <code>\includegraphics</code>.</p> <pre> 1046 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]% 1047 [width=40mm]{% 1048 \edef\@path{\thesis@logopath\thesis@facultyLogo}% 1049 \includegraphics[#1]{\@path}}</pre>

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

```
1050 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1051   [width=40mm]{%
1052     \edef\@path{\thesis@logopath\thesis@facultyLogo
1053       \ifthesis@color@-color\fi}%
1054     \includegraphics[#1]{\@path}}
```

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

```
1055 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1056   [width=40mm]{%
1057     \edef\@path{\thesis@logopath\thesis@universityLogo}%
1058     \includegraphics[#1]{\@path}}
```

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

```
1059 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1060   [width=40mm]{%
1061     \edef\@path{\thesis@logopath\thesis@universityLogo
1062       \ifthesis@color@-color\fi}%
1063     \includegraphics[#1]{\@path}}
```

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

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

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

```
1064 \def\thesis@blocks@cover{%
1065   \ifthesis@cover@
1066     \thesis@blocks@clear
1067     \begin{alwaysingle}%
1068       \thispagestyle{empty}%
1069       \begin{center}%
1070         \thesis@blocks@cover@header
1071         \thesis@blocks@facultyLogo@monochrome\[\[0.4in]%
1072         \let\footnotesize\small
1073         \let\footnoterule\relax}%
1074       \end{center}%
1075     \end{alwaysingle}%
1076   \fi}
```



```

1074      \thesis@blocks@cover@content
1075      \par\vfill
1076      \thesis@blocks@cover@footer
1077      \end{center}%
1078      \end{alwaysingle}%
1079      \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.

```

1080 \newif\ifthesis@blocks@cover@university@
1081 \thesis@blocks@cover@university@true
1082 \newif\ifthesis@blocks@cover@faculty@
1083 \thesis@blocks@cover@faculty@true
1084 \newif\ifthesis@blocks@cover@department@
1085 \thesis@blocks@cover@department@false
1086 \newif\ifthesis@blocks@cover@field@
1087 \thesis@blocks@cover@field@false
1088
1089 \def\thesis@blocks@cover@header{%
1090   {\sc\ifthesis@blocks@cover@university@
1091     \thesis@titlePage@LARGE\thesis@{universityName}}\%
1092   \fi\ifthesis@blocks@cover@faculty@
1093     \thesis@titlePage@Large\thesis@{facultyName}}\%
1094   \fi\ifthesis@blocks@cover@department@
1095     \thesis@titlePage@large\thesis@department}\%
1096   \fi}
1097 \ifthesis@blocks@cover@field@
1098   {\thesis@titlePage@large\vskip 1em%
1099     {\bf\thesis@{fieldTitle}:} \thesis@field}%
1100   \fi\vskip 2em}

```

```

1101 \def\thesis@blocks@cover@content{%
1102   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1103   \vskip 0.8in%
1104   {\thesis@titlePage@large\sc\thesis@{@{typeName}}\[\[0.3in}%
1105   {\thesis@titlePage@Large\bf\thesis@author}}
1106 \def\thesis@blocks@cover@footer{%
1107   {\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.

```

1108 \def\thesis@blocks@titlePage{%
1109   \thesis@blocks@clear
1110   \begin{alwaysingle}%
1111     \thispagestyle{empty}%
1112     \begin{center}%
1113       \thesis@blocks@titlePage@header
1114       \thesis@blocks@facultyLogo@color\[\[0.4in}%
1115       \let\footnotesize\small
1116       \let\footnoterule\relax{}%
1117       \thesis@blocks@titlePage@content
1118       \par\vfill
1119       \thesis@blocks@titlePage@footer
1120     \end{center}%
1121   \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.

```

1122 \newif\ifthesis@blocks@titlePage@university@
1123 \thesis@blocks@titlePage@university@true
1124 \newif\ifthesis@blocks@titlePage@faculty@
1125 \thesis@blocks@titlePage@faculty@true
1126 \newif\ifthesis@blocks@titlePage@department@
1127 \thesis@blocks@titlePage@department@false
1128 \newif\ifthesis@blocks@titlePage@field@
1129 \thesis@blocks@titlePage@field@false
1130
1131 \def\thesis@blocks@titlePage@header{%
1132   {\sc\ifthesis@blocks@titlePage@university@
1133     \thesis@titlePage@LARGE\thesis@{@{universityName}}\\%
1134     \fi\ifthesis@blocks@titlePage@faculty@
1135       \thesis@titlePage@Large\thesis@{@{facultyName}}\\%
1136       \fi\ifthesis@blocks@titlePage@department@
1137         \thesis@titlePage@large\thesis@{department}\\%
1138         \fi}
1139   \ifthesis@blocks@titlePage@field@
1140     {\thesis@titlePage@large\vskip 1em%
1141       {\bf\thesis@{@{fieldTitle}}:} \thesis@field}%
1142     \fi\vskip 2em}
1143 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1144 \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`.

```

1145 \def\thesis@blocks@tables{%
1146   \thesis@blocks@clear
1147   \tableofcontents
1148   \thesis@blocks@lot
1149   \thesis@blocks@lof}

```

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

```

1150 \def\thesis@blocks@declaration{%
1151   \thesis@blocks@clear
1152   \begin{alwaysingle}%
1153     \chapter*{\thesis@{@{declarationTitle}}}%
1154     \thesis@declaration
1155     \vskip 2cm%
1156     \hfill\thesis@author
1157   \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.

```

1158 \def\thesis@blocks@thanks{%
1159   \ifx\thesis@thanks\undefined\else

```

```

1160 \thesis@blocks@clear
1161 \begin{alwaysingle}%
1162   \chapter*{\vspace*{\fill}\thesis@{@{thanksTitle}}}%
1163   \thesis@thanks
1164 \end{alwaysingle}%
1165 \fi}

```

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

```

1166 \def\thesis@blocks@abstract{%
1167   \begin{alwaysingle}%
1168   % Start the new chapter without clearing the right page
1169   {\def\cleardoublepage{}
1170   \chapter*{\thesis@{@{abstractTitle}}}%
1171   \noindent\thesis@abstract
1172   \par\vfil\null
1173   \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.

```

1174 \def\thesis@blocks@abstractEn{%
1175   \ifthesis@english\else
1176     {\thesis@selectLocale{english}%
1177     \begin{alwaysingle}%
1178     % Start the new chapter without clearing the right page
1179     {\def\cleardoublepage{}
1180     \chapter*{\thesis@english@abstractTitle}%
1181     \thesis@abstractEn}%
1182     \par\vfil\null
1183     \end{alwaysingle}}%
1184   \fi}

```

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

```

1185 \def\thesis@blocks@keywords{%
1186   \begin{alwaysingle}%
1187   % Start the new chapter without clearing the right page
1188   {\def\cleardoublepage{}%
1189   \chapter*{\thesis@{@{keywordsTitle}}}%
1190   \noindent\thesis@TeXkeywords}%
1191   \par\vfil\null
1192   \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.

```

1193 \def\thesis@blocks@keywordsEn{%
1194   \ifthesis@english\else
1195     {\thesis@selectLocale{english}%
1196     \begin{alwaysingle}%
1197     % Start the new chapter without clearing the right page
1198     {\def\cleardoublepage{}%

```

```

1199     \chapter*{\thesis@english@keywordsTitle}%
1200     \thesis@TeXkeywordsEn}%
1201     \par\vfil\null
1202     \end{alwaysssingle}}%
1203 \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.

```

1204 \newif\ifthesis@blocks@assignment@
1205 \thesis@blocks@assignment@true
1206 \def\thesis@blocks@assignment{%
1207   \ifthesis@blocks@assignment@
1208     \ifx\thesis@assignmentFiles\undefined
1209       % Typeset a placeholder page.
1210       \thesis@blocks@clear
1211       \begin{alwaysssingle}%
1212         \thispagestyle{empty}%
1213         \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1214         \noindent\textit{\thesis@@{assignment}}%
1215       \end{alwaysssingle}%
1216     \else
1217       {\edef\@pdfList{\thesis@assignmentFiles}%
1218       \ifx\@pdfList\empty\else
1219         \let\ea\expandafter
1220         % Inject the specified PDF documents.
1221         \def\@inject##1,{\thesis@blocks@clear
1222           \def\@args{##1}\def\@relax{\relax}%
1223           \ifx\@args\relax\else
1224             % Trim leading spaces.
1225             \edef\@trimmed{\romannumeral-\'.##1}%
1226             \includepdf[pages=-]\@trimmed
1227             \ea\@inject\fi}%
1228           \ea\@inject\@pdfList,\relax,%
1229         \fi}%
1230     \fi
1231 \fi}

```

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

```

1232 \def\thesis@blocks@mainMatter{%
1233   \thesis@blocks@clear
1234   \setcounter{page}{1}
1235   \pagenumbering{arabic}
1236   \pagestyle{thesisheadings}
1237   \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.

```

1238 % Table of contents will contain sectioning commands up to
1239 % \subsubsection
1240 \setcounter{tocdepth}{3}
1241
1242 % Load the 'fithesis-1*.clo' size option
1243 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1244
1245 % Define the running heading style
1246 \def\ps@thesisheadings{%
1247   \def\chaptermark##1{%
1248     \markright{%
1249       \ifnum\c@secnumdepth >\m@ne
1250         \thechapter.\ %
1251       \fi ##1}}
1252   \let\@oddfoot\@empty
1253   \let\@oddhead\@empty
1254   \def\@oddhead{%
1255     \vbox{%
1256       \hbox to \textwidth{%
1257         \hfil{\sc\rightmark}}%
1258       \vskip 4pt\hrule}}
1259   \if@twoside
1260     \def\@evenhead{%
1261       \vbox{%
1262         \hbox to \textwidth{%
1263           {\sc\rightmark}%
1264         \hfil}
1265       \vskip 4pt\hrule}}
1266   \else
1267     \let\@evenhead\@oddhead
1268   \fi
1269   \def\@oddfoot{\hfil\PageFont\thepage}
1270   \if@twoside
1271     \def\@evenfoot{\PageFont\thepage\hfil}%
1272   \else

```

```

1273 \let\@evenfoot\@oddfoot
1274 \fi
1275 \let\@mkboth\markboth}
1276
1277 % Redefine the style of the chapter headings
1278 \renewcommand*\chapter{%
1279 \thesis@blocks@clear
1280 \thispagestyle{plain}%
1281 \global\@topnum\z@
1282 \@afterindentfalse
1283 \secdef\@chapter\@schapter}
1284
1285 % Redefine the style of part headings
1286 \renewcommand*\part{%
1287 \thesis@blocks@clear
1288 \if@twocolumn
1289 \onecolumn
1290 \@tempswattrue
1291 \else
1292 \@tempswafalse
1293 \fi
1294 \hbox{}\vfil
1295 \secdef\@part\@spart}
1296
1297 \newif\if@restonecol
1298 \def\alwaysingle{%
1299 \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1300 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1301
1302 \renewcommand*\l@part[2]{%
1303 \ifnum \c@tocdepth >-2\relax
1304 \addpenalty{-\@highpenalty}%
1305 \addvspace{0.5em \@plus\p@}%
1306 \begingroup
1307 \setlength\@tempdima{3em}%
1308 \parindent \z@ \rightskip \@pnumwidth
1309 \parfillskip -\@pnumwidth
1310 {\leavevmode
1311 \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
1312 \nobreak
1313 \global\@nobreaktrue
1314 \everypar{\global\@nobreakfalse\everypar{}}%
1315 \endgroup
1316 \addvspace{0.2em \@plus\p@}%
1317 \fi}
1318
1319 \renewcommand*\l@chapter[2]{%
1320 \ifnum \c@tocdepth >\m@ne
1321 \addpenalty{-\@highpenalty}%
1322 \vskip 1.0em \@plus\p@

```

```

1323 \setlength\@tempdima{1.5em}%
1324 \begingroup
1325 \parindent \z@ \rightskip \@pnumwidth
1326 \parfillskip -\@pnumwidth
1327 \leavevmode \bfseries
1328 \advance\leftskip\@tempdima
1329 \hskip -\leftskip
1330 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1331 \penalty\@highpenalty
1332 \endgroup
1333 \fi}
1334
1335 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1336 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1337 \renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
1338 \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.

```

1339 <*opt>
1340 <*10pt>
1341 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2016/01/07]
1342
1343 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont
1344 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1345 \belowdisplayskip \abovedisplayskip
1346 \abovedisplayshortskip \z@ plus3\p@
1347 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1348 \let\@listi\@listI}
1349
1350 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont
1351 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1352 \belowdisplayskip \abovedisplayskip
1353 \abovedisplayshortskip \z@ plus2\p@
1354 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1355 \def\@listi{\leftmargin\leftmarginI
1356 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1357 \itemsep \parsep}}
1358
1359 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont
1360 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1361 \belowdisplayskip \abovedisplayskip
1362 \abovedisplayshortskip \z@ plus\p@
1363 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1364 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1365 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1366 \itemsep \parsep}}
1367

```



```

1368 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1369 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1370 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1371 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1372 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1373 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1374 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1375
1376 </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.

```

1377 <*11pt>
1378 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2016/01/07]
1379
1380 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont}
1381 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1382 \belowdisplayskip \abovedisplayskip
1383 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1384 % \abovedisplayshortskip \z@ plus3\p@
1385 \let\@listi\@listI}
1386
1387 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont}
1388 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1389 \belowdisplayskip \abovedisplayskip
1390 \abovedisplayshortskip \z@ plus3\p@
1391 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1392 \def\@listi{\leftmargin\leftmarginI
1393 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1394 \itemsep \parsep}}
1395
1396 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont}
1397 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1398 \belowdisplayskip \abovedisplayskip
1399 \abovedisplayshortskip \z@ plus\p@
1400 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1401 \def\@listi{\leftmargin\leftmarginI
1402 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1403 \itemsep \parsep}}
1404
1405 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
1406 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1407 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1408 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1409 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1410 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1411 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1412

```

1413 $\langle /11pt \rangle$

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.

```
1414  $\langle *12pt \rangle$ 
1415 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2016/01/07]
1416  $\langle /12pt \rangle$ 
1417
1418 \def\thesis@titlePage@normalsize{\fontsize\@xiipt{14.5}%
1419 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1420 \belowdisplayskip \abovedisplayskip
1421 \abovedisplayshortskip \z@ plus3\p@
1422 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1423 \let\@listi\@listI}
1424
1425 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont
1426 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1427 \belowdisplayskip \abovedisplayskip
1428 \abovedisplayshortskip \z@ plus3\p@
1429 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1430 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1431 \parsep 4.5\p@ plus2\p@ minus\p@
1432 \itemsep \parsep
1433 \topsep 9\p@ plus3\p@ minus5\p@}}
1434
1435 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont
```

```

1436 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1437 \belowdisplayskip \abovedisplayskip
1438 \abovedisplayshortskip \z@ plus3\p@
1439 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1440 \def\@listi{\leftmargin\leftmargin % Added 22 Dec 87
1441 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1442 \itemsep \parsep}}
1443
1444 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1445 \def\thesis@titlePage@tiny{\fontsize\@viipt{7pt}\selectfont}
1446 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1447 \def\thesis@titlePage@Large{\fontsize\@xxvpt{22pt}\selectfont}
1448 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1449 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1450 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1451
1452 (*12pt)
1453 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1454 \renewcommand{\small}{\thesis@titlePage@small}
1455 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1456 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1457 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1458 \renewcommand{\large}{\thesis@titlePage@large}
1459 \renewcommand{\Large}{\thesis@titlePage@Large}
1460 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1461 \renewcommand{\huge}{\thesis@titlePage@huge}
1462 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1463 (/12pt)
1464 \let\@normalsize\normalsize
1465 \normalsize
1466
1467 \if@twoside
1468 \oddsidemargin 0.75in
1469 \evensidemargin 0.4in
1470 \marginparwidth 0pt
1471 \else
1472 \oddsidemargin 0.75in
1473 \evensidemargin 0.75in
1474 \marginparwidth 0pt
1475 \fi
1476 \marginparsep 10pt
1477
1478 \topmargin 0.4in
1479
1480 \headheight 20pt
1481 \headsep 10pt
1482 \topskip 10pt
1483 \footskip 30pt
1484
1485 (*10pt)

```

```

1486 \textheight = 43\baselineskip
1487 \advance\textheight by \topskip
1488 \textwidth 5.0truein
1489 \columnsep 10pt
1490 \columnseprule 0pt
1491
1492 \footnotesep 6.65pt
1493 \skip\footins 9pt plus 4pt minus 2pt
1494 \floatsep 12pt plus 2pt minus 2pt
1495 \textfloatsep 20pt plus 2pt minus 4pt
1496 \intextsep 12pt plus 2pt minus 2pt
1497 \dblfloatsep 12pt plus 2pt minus 2pt
1498 \dbltextfloatsep 20pt plus 2pt minus 4pt
1499
1500 \@fptop 0pt plus 1fil
1501 \@fpsep 8pt plus 2fil
1502 \@fpbot 0pt plus 1fil
1503 \@dblftop 0pt plus 1fil
1504 \@dblfpsep 8pt plus 2fil
1505 \@dblfpbot 0pt plus 1fil
1506 \marginparpush 5pt
1507
1508 \parskip 0pt plus 1pt
1509 \partopsep 2pt plus 1pt minus 1pt
1510
1511 </10pt>
1512 %
1513 <*11pt>
1514 \textheight = 39\baselineskip
1515 \advance\textheight by \topskip
1516 \textwidth 5.0truein
1517 \columnsep 10pt
1518 \columnseprule 0pt
1519
1520 \footnotesep 7.7pt
1521 \skip\footins 10pt plus 4pt minus 2pt
1522 \floatsep 12pt plus 2pt minus 2pt
1523 \textfloatsep 20pt plus 2pt minus 4pt
1524 \intextsep 12pt plus 2pt minus 2pt
1525 \dblfloatsep 12pt plus 2pt minus 2pt
1526 \dbltextfloatsep 20pt plus 2pt minus 4pt
1527
1528 \@fptop 0pt plus 1fil
1529 \@fpsep 8pt plus 2fil
1530 \@fpbot 0pt plus 1fil
1531 \@dblftop 0pt plus 1fil
1532 \@dblfpsep 8pt plus 2fil
1533 \@dblfpbot 0pt plus 1fil
1534 \marginparpush 5pt
1535

```

```

1536 \parskip 0pt plus 0pt
1537 \partopsep 3pt plus 1pt minus 2pt
1538
1539 </11pt>
1540 %
1541 <*12pt>
1542 \textheight = 37\baselineskip
1543 \advance\textheight by \topskip
1544 \textwidth 5.0truein
1545 \columnsep 10pt
1546 \columnseprule 0pt
1547
1548 \footnotesep 8.4pt
1549 \skip\footins 10.8pt plus 4pt minus 2pt
1550 \floatsep 14pt plus 2pt minus 4pt
1551 \textfloatsep 20pt plus 2pt minus 4pt
1552 \intextsep 14pt plus 4pt minus 4pt
1553 \dblfloatsep 14pt plus 2pt minus 4pt
1554 \dbltextfloatsep 20pt plus 2pt minus 4pt
1555
1556 \@fptop 0pt plus 1fil
1557 \@fpsep 10pt plus 2fil
1558 \@fpbot 0pt plus 1fil
1559 \@dblfpptop 0pt plus 1fil
1560 \@dblfpsep 10pt plus 2fil
1561 \@dblfpbot 0pt plus 1fil
1562 \marginparpush 7pt
1563
1564 \parskip 0pt plus 0pt
1565 \partopsep 3pt plus 2pt minus 2pt
1566
1567 </12pt>
1568 \@lowpenalty 51
1569 \@medpenalty 151
1570 \@highpenalty 301
1571 \@beginparpenalty -\@lowpenalty
1572 \@endparpenalty -\@lowpenalty
1573 \@itempenalty -\@lowpenalty
1574
1575 \def\@makechapterhead#1{%
1576   \setlength\parindent{\z@}%
1577   \setlength\parskip {\z@}%
1578   \ifnum
1579     \c@secnumdepth >\m@ne
1580     \par\nobreak
1581     \vskip 10\p@
1582   \fi
1583   \Large \ChapFont \thechapter{} \space #1\par
1584   \nobreak
1585   \vskip 20\p@}}

```

```

1586
1587 \def\@makeschapterhead#1{{%
1588   \setlength\parindent{\z@}%
1589   \setlength\parskip {\z@}%
1590   \Large \ChapFont #1\par
1591   \nobreak
1592   \vskip 20\p@}}
1593
1594 \def\chapter{%
1595   \clearpage
1596   \thispagestyle{plain}
1597   \global\@topnum\z@
1598   \@afterindentfalse
1599   \secdef\@chapter\@schapter}
1600
1601 \def\@chapter[#1]#2{%
1602   \ifnum \c@secnumdepth
1603     >\m@ne
1604     \refstepcounter{chapter}%
1605     \typeout{\@chapapp\space\thechapter.}%
1606     \addcontentsline{toc}{chapter}{\protect
1607       \numberline{\thechapter}\bfseries #1}
1608   \else
1609     \addcontentsline{toc}{chapter}{\bfseries #1}
1610   \fi
1611   \chaptermark{#1}%
1612   \addtocontents{lof}%
1613   {\protect\addvspace{4\p@}}
1614   \addtocontents{lot}%
1615   {\protect\addvspace{4\p@}}
1616   \if@twocolumn
1617     \@topnewpage[\@makechapterhead{#2}]%
1618   \else
1619     \@makechapterhead{#2}%
1620     \@afterheading
1621   \fi
1622 }
1623
1624 \def\section{\@startsection{section}{1}{\z@}{%
1625   -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
1626   \reset@font\large\bfseries}}
1627 \def\subsection{\@startsection{subsection}{2}{\z@}{%
1628   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1629   \reset@font\normalsize\bfseries}}
1630 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
1631   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1632   \reset@font\normalsize}}
1633 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
1634   3.25ex plus1ex minus.2ex}{-1em}{%
1635   \reset@font\normalsize\bfseries}}

```

```

1636 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
1637   3.25ex plus1ex minus.2ex}{-1em}{%
1638   \reset@font\normalsize\bfseries}}
1639
1640 \setcounter{secnumdepth}{2}
1641
1642 \leftmargini 2.5em
1643 \leftmarginii 2.2em      % > \labelsep + width of '(m)'
1644 \leftmarginiii 1.87em   % > \labelsep + width of 'vii.'
1645 \leftmarginiv 1.7em     % > \labelsep + width of 'M.'
1646 \leftmarginv 1em
1647 \leftmarginvi 1em
1648
1649 \leftmargin\leftmargini
1650 \labelsep .5em
1651 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1652
1653 (*10pt)
1654 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
1655 \topsep 8\p@ plus2\p@ minus4\p@
1656 \itemsep 4\p@ plus2\p@ minus\p@}
1657
1658 \let\@listi\@listI
1659 \@listi
1660
1661 \def\@listii{\leftmargin\leftmarginii
1662   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1663   \topsep 4\p@ plus2\p@ minus\p@
1664   \parsep 2\p@ plus\p@ minus\p@
1665   \itemsep \parsep}
1666
1667 \def\@listiii{\leftmargin\leftmarginiii
1668   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1669   \topsep 2\p@ plus\p@ minus\p@
1670   \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1671   \itemsep \topsep}
1672
1673 \def\@listiv{\leftmargin\leftmarginiv
1674   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1675
1676 \def\@listv{\leftmargin\leftmarginv
1677   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1678
1679 \def\@listvi{\leftmargin\leftmarginvi
1680   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1681 (/10pt)
1682 %
1683 (*11pt)
1684 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1685 \topsep 9\p@ plus3\p@ minus5\p@

```

```

1686 \itemsep 4.5\p@ plus2\p@ minus\p@}
1687
1688 \let\@listi\@listI
1689 \@listi
1690
1691 \def\@listii{\leftmargin\leftmarginii
1692 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1693 \topsep 4.5\p@ plus2\p@ minus\p@
1694 \parsep 2\p@ plus\p@ minus\p@
1695 \itemsep \parsep}
1696
1697 \def\@listiii{\leftmargin\leftmarginiii
1698 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1699 \topsep 2\p@ plus\p@ minus\p@
1700 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1701 \itemsep \topsep}
1702
1703 \def\@listiv{\leftmargin\leftmarginiv
1704 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1705
1706 \def\@listv{\leftmargin\leftmarginv
1707 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1708
1709 \def\@listvi{\leftmargin\leftmarginvi
1710 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1711 \end{list}
1712 %
1713 (*12pt)
1714 \def\@listI{\leftmargin\leftmarginI \parsep 5\p@ plus2.5\p@ minus\p@
1715 \topsep 10\p@ plus4\p@ minus6\p@
1716 \itemsep 5\p@ plus2.5\p@ minus\p@}
1717
1718 \let\@listi\@listI
1719 \@listi
1720
1721 \def\@listii{\leftmargin\leftmarginii
1722 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1723 \topsep 5\p@ plus2.5\p@ minus\p@
1724 \parsep 2.5\p@ plus\p@ minus\p@
1725 \itemsep \parsep}
1726
1727 \def\@listiii{\leftmargin\leftmarginiii
1728 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1729 \topsep 2.5\p@ plus\p@ minus\p@
1730 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1731 \itemsep \topsep}
1732
1733 \def\@listiv{\leftmargin\leftmarginiv
1734 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1735

```



```

1736 \def\@listv{\leftmargin\leftmarginv
1737 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1738
1739 \def\@listvi{\leftmargin\leftmarginvi
1740 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1741 \</12pt>
1742 \</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.

```

1743 \NeedsTeXFormat{LaTeX2e}
1744 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2016/01/07]

```

The file defines the color scheme of the respective faculty.

```

1745 \thesis@color@setup{
1746   links={HTML}{FFD451},
1747   tableEmph={HTML}{FFD451},
1748   tableOdd={HTML}{FFF9E5},
1749   tableEven={HTML}{FFECB3}}

```

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

```

1750 \ifx\thesis@type\thesis@bachelors\else
1751 \ifx\thesis@type\thesis@masters\else
1752   \thesis@blocks@assignment@false
1753 \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

```

1754 \def\thesis@blocks@titlePage@content{%
1755   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1756   {\thesis@titlePage@large\sc\thesis@@{typeName}\<0.3in]}
1757   {\thesis@titlePage@Large\bf\thesis@author}
1758   % If this is a rigorous thesis, typeset the name of the
1759   % thesis advisor.
1760   \ifx\thesis@type\thesis@rigorous
1761     {\thesis@titlePage@large\<0.3in}
1762     {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
1763   \fi}%

```

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

```

1764 \def\thesis@blocks@titlePage@footer{%
1765   {\thesis@titlePage@large\thesis@place, \thesis@{semester}}
1766   % If this is a rigorous thesis, create space for the advisor's
1767   % signature
1768   \ifx\thesis@type\thesis@rigorous
1769     \let\@A\relax\newlength{\@A}
1770     \settowidth{\@A}{\thesis@{advisorSignature}}
1771     \setlength{\@A}{\@A+1cm}
1772     \hfill\raisebox{-0.5em}{\parbox{\@A}{
1773       \centering
1774       \rule{\@A}{1pt}\
1775       \thesis@{advisorSignature}
1776     }}
1777   \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.

```

1778 \def\thesis@blocks@declaration{%
1779   \thesis@blocks@clear
1780   \begin{alwaysingle}%
1781     \chapter*{\thesis@{declarationTitle}}%
1782     \thesis@declaration
1783     \vskip 2cm%
1784     \hfill\thesis@author
1785     \par\vfill\noindent
1786     \textbf{\thesis@{advisorTitle}:} \thesis@advisor
1787     \par\vfil
1788   \end{alwaysingle}}

```

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

```

1789 \def\thesis@blocks@preamble{%
1790   \thesis@blocks@coverMatter
1791   \thesis@blocks@cover
1792   \thesis@blocks@titlePage
1793   \thesis@blocks@frontMatter
1794   \thesis@blocks@assignment
1795   \thesis@blocks@declaration
1796   \thesis@blocks@thanks
1797   \thesis@blocks@clearRight
1798   \thesis@blocks@abstract
1799   \thesis@blocks@keywords
1800   \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.

```
1801 \NeedsTeXFormat{LaTeX2e}
1802 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2016/01/12]
```

The file defines the color scheme of the respective faculty.

```
1803 \thesis@color@setup{
1804   links={HTML}{20E366},
1805   tableEmph={HTML}{8EDEAA},
1806   tableOdd={HTML}{EDF7F1},
1807   tableEven={HTML}{CCEDD8}}
```

The file uses Czech locale strings within the macros.

```
1808 \thesis@requireLocale{czech}
```

The file loads the following packages:

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

```
1809 \thesis@require{tikz}
1810 \thesis@require{changepage}
```

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

```
1811 \ifx\thesis@type\thesis@bachelors\else
1812 \ifx\thesis@type\thesis@masters\else
1813   \thesis@blocks@assignment@false
1814 \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

- \thesis@czech@bib@pages – The label of the number of pages entry
- \thesis@czech@bib@keywords – The label of the keywords entry

```

1815 \def\thesis@blocks@bibEntry{%
1816   \begin{alwaysingle}%
1817   {% Start the new chapter without clearing the right page
1818   {\def\cleardoublepage}%
1819   \chapter*{\thesis@czech@bib@title}}%
1820   % Calculate the width of the columns
1821   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1822     \bf\thesis@czech@bib@author:}%
1823   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1824     \bf\thesis@czech@bib@thesisTitle:}%
1825   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1826     \bf\thesis@czech@bib@programme:}%
1827   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1828     \bf\thesis@czech@bib@field:}%
1829   % Unless this is a rigorous thesis, we will be typesetting the
1830   % name of the thesis advisor.
1831   \let\@E\relax\newlength{\@E}
1832   \ifx\thesis@type\thesis@rigorous
1833     \setlength{\@E}{0pt}%
1834   \else
1835     \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}%
1836   \fi
1837   \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1838     \bf\thesis@czech@bib@academicYear:}%
1839   \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1840     \bf\thesis@czech@bib@pages:}%
1841   \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1842     \bf\thesis@czech@bib@keywords:}%
1843   \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1844   \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1845     max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1846   \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1847     \textwidth-\@left-\@skip}
1848   % Typeset the table
1849   \renewcommand{\arraystretch}{2}
1850   \noindent\begin{thesis@newtable@old}%
1851     {@{p{\@left}{\hskip\@skip}p{\@right}{@}}
1852     \textbf{\thesis@czech@bib@author:} &
1853     \noindent\parbox[t]{\@right}{
1854       \thesis@author\\
1855       \thesis@czech@facultyName,
1856       \thesis@czech@universityName\\
1857       \thesis@department
1858     }\\
1859     \textbf{\thesis@czech@bib@thesisTitle:}

```

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

```

1860      & \thesis@title \\
1861      \textbf{\thesis@czech@bib@programme:}
1862      & \thesis@programme \\
1863      \textbf{\thesis@czech@bib@field:}
1864      & \thesis@field \\
1865      % Unless this is a rigorous thesis, typeset the name of the
1866      % thesis advisor.
1867      \ifx\thesis@type\thesis@rigorous\else
1868      \textbf{\thesis@czech@bib@advisor:}
1869      & \thesis@advisor \\
1870      \fi
1871      \textbf{\thesis@czech@bib@academicYear:}
1872      & \thesis@academicYear \\
1873      \textbf{\thesis@czech@bib@pages:}
1874      & \thesis@pages \\
1875      \textbf{\thesis@czech@bib@keywords:}
1876      & \thesis@TeXkeywords \\
1877      \end{thesis@newtable@old}}
1878      \end{always@single}}

```

`\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:

- | | |
|---|--|
| <code>\thesis@english@bib@title</code> | • <code>\thesis@english@bib@title</code> – The title of the entire block |
| <code>\thesis@english@bib@author</code> | • <code>\thesis@english@bib@author</code> – The label of the author name entry |
| <code>\thesis@english@bib@title</code> | • <code>\thesis@english@bib@title</code> – The label of the title name entry |
| <code>\thesis@english@bib@programme</code> | • <code>\thesis@english@bib@programme</code> – The label of the programme name entry |
| <code>\thesis@english@bib@field</code> | • <code>\thesis@english@bib@field</code> – The label of the field 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 |

```

1879 \def\thesis@blocks@bibEntryEn{%
1880   {\thesis@selectLocale{english}
1881     \begin{always@single}
1882       % Start the new chapter without clearing the right page
1883       {\def\cleardoublepage{}}%
1884       \chapter*{\thesis@english@bib@title}}%
1885       {% Calculate the width of the columns
1886       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1887         \bf\thesis@english@bib@author:}}
1888       \let\@B\relax\newlength{\@B}\settowidth{\@B}{%

```

```

1889 \bf\thesis@english@bib@thesisTitle:}}
1890 \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
1891 \bf\thesis@english@bib@programme:}}
1892 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\%
1893 \bf\thesis@english@bib@field:}}
1894 % Unless this is a rigorous thesis, we will be typesetting
1895 % the name of the thesis advisor.
1896 \let\@E\relax\newlength{\@E}
1897 \ifx\thesis@type\thesis@rigorous
1898 \setlength{\@E}{0pt}%
1899 \else
1900 \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1901 \fi
1902 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\%
1903 \bf\thesis@english@bib@academicYear:}}
1904 \let\@G\relax\newlength{\@G}\settowidth{\@G}{\%
1905 \bf\thesis@english@bib@pages:}}
1906 \let\@H\relax\newlength{\@H}\settowidth{\@H}{\%
1907 \bf\thesis@english@bib@keywords:}}
1908 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1909 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1910 max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1911 \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1912 \textwidth-\@left-\@skip}
1913 % Typeset the table
1914 \renewcommand{\arraystretch}{2}
1915 \noindent\begin{thesis@newtable@old}%
1916 {\@{p}{\@left}{\hskip\@skip}p{\@right}{@{}}
1917 \textbf{\thesis@english@bib@author:} &
1918 \noindent\parbox[t]{\@right}{
1919 \thesis@author\\
1920 \thesis@english@facultyName,
1921 \thesis@english@universityName\\
1922 \thesis@departmentEn
1923 }\\
1924 \textbf{\thesis@english@bib@thesisTitle:}
1925 & \thesis@titleEn \\
1926 \textbf{\thesis@english@bib@programme:}
1927 & \thesis@programmeEn \\
1928 \textbf{\thesis@english@bib@field:}
1929 & \thesis@fieldEn \\
1930 % Unless this is a rigorous thesis, typeset the name of the
1931 % thesis advisor.
1932 \ifx\thesis@type\thesis@rigorous\else
1933 \textbf{\thesis@english@bib@advisor:}
1934 & \thesis@advisor \\
1935 \fi
1936 \textbf{\thesis@english@bib@academicYear:}
1937 & \thesis@academicYear \\
1938 \textbf{\thesis@english@bib@pages:}

```

```

1939         & \thesis@pages \\\
1940         \textbf{\thesis@english@bib@keywords:}
1941         & \thesis@TeXkeywordsEn \\\
1942     \end{thesis@newtable@old}}
1943 \end{alwaysssingle}
1944 }}

\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.
1945 \def\thesis@blocks@frontMatter{%
1946     \pagestyle{empty}
1947     \parindent 1.5em
1948     \setcounter{page}{1}
1949     \pagenumbering{roman}}

\thesis@blocks@cover The \thesis@blocks@cover macro typesets the thesis cover.
1950 \def\thesis@blocks@cover{%
1951     \ifthesis@cover@
1952         \thesis@blocks@clear
1953         \begin{alwaysssingle}
1954             \thispagestyle{empty}
1955             \begin{center}
1956                 {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1957                 \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1958                 \thesis@titlePage@large\thesis@department}
1959                 \vfill
1960                 {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1961                 \vfill
1962                 {\thesis@titlePage@large\thesis@place
1963                  \ \thesis@year\hfill\thesis@author}
1964             \end{center}
1965         \end{alwaysssingle}
1966     \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.
1967 \def\thesis@blocks@titlePage{%
1968     \thesis@blocks@clear
1969     \begin{alwaysssingle}
1970         \thispagestyle{empty}
1971         % The top of the page
1972         \begin{adjustwidth}{-12mm}{%
1973             \begin{minipage}{30mm}
1974                 \thesis@blocks@universityLogo@color[width=30mm]
1975             \end{minipage}\begin{minipage}{89mm}
1976                 \begin{center}
1977                     {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%

```

```

1978         \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1979         \thesis@titlePage@normalsize\thesis@department}
1980         \rule{\textwidth}{2pt}\vspace*{2mm}
1981     \end{center}
1982 \end{minipage}\begin{minipage}{30mm}
1983     \thesis@blocks@facultyLogo@color[width=30mm]
1984 \end{minipage}
1985 \end{adjustwidth}
1986 % The middle of the page
1987 \vfill
1988 \parbox\textwidth{% Prevent vfills from squashing the leading
1989     \bf\thesis@titlePage@Huge\thesis@TeXtitle}
1990 {\thesis@titlePage@Huge\\[0.8em]}
1991 {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
1992 {\bf\thesis@titlePage@LARGE\thesis@author\\}
1993 \vfill\noindent
1994 % The bottom of the page
1995 {\bf\thesis@titlePage@normalsize
1996     % Unless this is a rigorous thesis, typeset the name of the
1997     % thesis advisor.
1998     \ifx\thesis@type\thesis@rigorous\else
1999         \thesis@czech@advisorTitle: \thesis@advisor\hfill
2000     \fi
2001     \thesis@place\ \thesis@year}
2002 \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/fithesis-sci.sty` file, this definition includes the date and a blank line for the author's signature, as per the requirements of the faculty.

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

`\thesis@czech@bib@title`

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

```

2003 \def\thesis@blocks@declaration{%
2004     \thesis@blocks@clear
2005     \begin{alwaysssingle}%
2006         \chapter*{\thesis@{declarationTitle}}%
2007         \thesis@declaration
2008         \vskip 2cm%
2009         {\let\@A\relax\newlength{\@A}
2010             \settowidth{\@A}{\thesis@{authorSignature}}
2011             \setlength{\@A}{\@A+1cm}
2012             \noindent\thesis@place, \thesis@czech@formattedDate\hfill
2013             \begin{minipage}[t]{\@A}%
2014                 \centering\rule{\@A}{1pt}\\
2015                 \thesis@{authorSignature}\par
2016             \end{minipage}}

```



```
2017 \end{alwaysingle}}
```

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

```
2018 \def\thesis@blocks@preamble{%
2019 \thesis@selectLocale{czech}%
2020 \thesis@blocks@coverMatter
2021 \thesis@blocks@cover
2022 \thesis@blocks@frontMatter
2023 \thesis@blocks@titlePage
2024 \thesis@blocks@clearRight
2025 \thesis@blocks@bibEntry
2026 \thesis@blocks@bibEntryEn
2027 \thesis@blocks@abstract
2028 \thesis@blocks@abstractEn
2029 \thesis@blocks@assignment
2030 \thesis@blocks@thanks
2031 \thesis@blocks@declaration
2032 \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.

```
2033 \NeedsTeXFormat{LaTeX2e}
2034 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2035 \thesis@color@setup{
2036 links={HTML}{6FCEF2},
2037 tableEmph={HTML}{78CEF0},
2038 tableOdd={HTML}{EBF6FA},
2039 tableEven={HTML}{D0EBF5}}
```

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

```
2040 \thesis@blocks@titlePage@department@true
2041 \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.

```
2042 \def\thesis@blocks@preamble{%
2043 \thesis@blocks@coverMatter
```

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

```

2044 \thesis@blocks@cover
2045 \thesis@blocks@titlePage
2046 \thesis@blocks@frontMatter
2047 \thesis@blocks@declaration
2048 \thesis@blocks@thanks
2049 \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.

```

2050 \NeedsTeXFormat{LaTeX2e}
2051 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2052 \thesis@color@setup{
2053   links={HTML}{FFA02F},
2054   tableEmph={HTML}{FFBB6B},
2055   tableOdd={HTML}{FFF1E0},
2056   tableEven={HTML}{FFDEB7}}

```

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

```

2057 \thesis@blocks@titlePage@department@true
2058 \def\thesis@blocks@titlePage@content{%
2059   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2060   {\thesis@titlePage@large\sc\thesis@{@{typeName}}\[\[0.3in]}
2061   {\thesis@titlePage@Large\bf\thesis@author}
2062   % Typeset the name of the thesis advisor.
2063   {\thesis@titlePage@large\[\[0.3in]
2064     {\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

```

2065 \def\thesis@blocks@bibEntry{%
2066   \chapter*{\thesis@{@{bib@title}}}
2067   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2068   \emph{\thesis@title}. \thesis@place: \thesis@{@{universityName}},
2069   \thesis@{@{facultyName}}, \thesis@department, \thesis@year.

```

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

```

2070 \thesis@pages\ \thesis@{bib@pages}.
2071 \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.

```

2072 \def\thesis@blocks@preamble{%
2073   \thesis@blocks@coverMatter
2074   \thesis@blocks@cover
2075   \thesis@blocks@titlePage
2076   \thesis@blocks@frontMatter
2077   \thesis@blocks@bibEntry
2078   \thesis@blocks@clearRight
2079   \thesis@blocks@abstract
2080   \thesis@blocks@abstractEn
2081   \thesis@blocks@keywords
2082   \thesis@blocks@keywordsEn
2083   \thesis@blocks@declaration
2084   \thesis@blocks@thanks
2085   \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.

```

2086 \NeedsTeXFormat{LaTeX2e}
2087 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2088 \thesis@color@setup{
2089   links={HTML}{58EDD7},
2090   tableEmph={HTML}{69D6C6},
2091   tableOdd={HTML}{E3F1EE},
2092   tableEven={HTML}{C5E3DF}}

```

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

```

2093 \def\thesis@blocks@frontMatter{%
2094   \pagestyle{plain}

```

⁵See <http://psych.fss.muni.cz/node/351>,
<http://medzur.fss.muni.cz/informace-pro-studenty/pravidla-pro-diplomky/soubory/PravidlaprozaverecneppracenaKMSZ-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>

```

2095 \parindent 1.5em
2096 \setcounter{page}{1}
2097 \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.

```

2098 \def\thesis@blocks@preamble{%
2099   \thesis@blocks@coverMatter
2100   \thesis@blocks@cover
2101   \thesis@blocks@titlePage
2102   \thesis@blocks@frontMatter
2103   \thesis@blocks@clearRight
2104   \thesis@blocks@abstract
2105   \thesis@blocks@abstractEn
2106   \thesis@blocks@keywords
2107   \thesis@blocks@keywordsEn
2108   \thesis@blocks@assignment
2109   \thesis@blocks@declaration
2110   \thesis@blocks@thanks
2111   \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 published at the website of the faculty⁶.

```

2112 \NeedsTeXFormat{LaTeX2e}
2113 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2114 \thesis@color@setup{
2115   links={HTML}{CF86EB},
2116   tableEmph={HTML}{D39BE8},
2117   tableOdd={HTML}{F2EBF5},
2118   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.

```

2119 \def\thesis@blocks@cover@header{%
2120   {\sc\thesis@titlePage@Large\thesis@{facultyLongName}}\%
2121   \thesis@titlePage@large\thesis@department\\vskip 2em}}
2122 \let\thesis@blocks@titlePage@header=\thesis@blocks@cover@header

```

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

`\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.

```
2123 \def\thesis@blocks@frontMatter{%
2124   \thesis@blocks@clear
2125   \pagestyle{plain}
2126   \parindent 1.5em
2127   \setcounter{page}{1}
2128   \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.

```
2129 \def\thesis@blocks@mainMatter{%
2130   \thesis@blocks@clear
2131   \pagestyle{thesisheadings}
2132   \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.

```
2133 \def\thesis@blocks@preamble{%
2134   \thesis@blocks@coverMatter
2135   \thesis@blocks@cover
2136   \thesis@blocks@titlePage
2137   \thesis@blocks@frontMatter
2138   \thesis@blocks@declaration
2139   \thesis@blocks@clearRight
2140   \thesis@blocks@abstract
2141   \thesis@blocks@abstractEn
2142   \thesis@blocks@keywords
2143   \thesis@blocks@keywordsEn
2144   \thesis@blocks@thanks
2145   \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.

```
2146 \def\thesis@blocks@postamble{%
2147   \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.

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

```

2148 \NeedsTeXFormat{LaTeX2e}
2149 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2016/02/18]

```

The file defines the color scheme of the respective faculty.

```

2150 \thesis@color@setup{
2151   links={HTML}{F27995},
2152   tableEmph={HTML}{E8B88B},
2153   tableOdd={HTML}{F5ECEB},
2154   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.

```

2155 \thesis@require{tikz}
2156 \thesis@require{geometry}
2157 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

```

2158 \def\thesis@blocks@cover{%
2159   \ifthesis@cover@
2160     \thesis@blocks@clear
2161     \begin{alwaysingle}
2162       \thispagestyle{empty}
2163       \begin{center}
2164         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\\
2165         \thesis@titlePage@Large\thesis@{facultyName}\\
2166         \vfill
2167         {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2168         \vfill
2169         {\thesis@titlePage@large\thesis@place
2170          \ \thesis@year\hfill\thesis@author}
2171       \end{center}
2172     \end{alwaysingle}
2173   \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.

```

2174 \thesis@blocks@titlePage@field@true
2175 \def\thesis@blocks@titlePage@content{%
2176   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2177   \ifthesis@english\else

```

```

2178 {\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2179 \fi {\[0.3in]\thesis@titlePage@large\sc\thesis@{typeName}\}}
2180 \def\thesis@blocks@titlePage@footer{%
2181 {\thesis@titlePage@large
2182 {% Calculate the width of the thesis author and advisor boxes
2183 \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2184 \bf\thesis@{advisorTitle}:}}
2185 \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2186 \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2187 \bf\thesis@{authorTitle}:}}
2188 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2189 \let\@left\relax\newlength{\@left}\pgfmithsetlength{\@left}{%
2190 max(\@A,\@B)}
2191 \let\@right\relax\newlength{\@right}\pgfmithsetlength{\@right}{%
2192 max(\@C,\@D)}
2193 % Typeset the thesis author and advisor boxes
2194 \vskip 2in\begin{minipage}[t]{\@left}
2195 {\bf\thesis@{advisorTitle}:}\thesis@advisor
2196 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2197 {\bf\thesis@{authorTitle}:}\thesis@author
2198 \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.

```

2199 \def\thesis@blocks@frontMatter{%
2200 \thesis@blocks@clear
2201 % In case of double-sided typesetting, change the geometry
2202 \ifthesis@twoside@
2203 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2204 right=15mm, includeheadfoot}
2205 \fi\pagestyle{empty}
2206 \parindent 1.5em
2207 \setcounter{page}{1}
2208 \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.

```

2209 \def\thesis@blocks@mainMatter{%
2210 \thesis@blocks@clear
2211 % In case of double-sided typesetting, change the geometry
2212 \ifthesis@twoside@
2213 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2214 right=15mm, includeheadfoot}
2215 \fi\pagestyle{thesisheadings}
2216 \parindent 1.5em\relax}

```

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

```
2217 \def\thesis@blocks@toc{%
2218   \thesis@blocks@clear
2219   \tableofcontents}
```

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

```
2220 \def\thesis@blocks@tables{%
2221   \thesis@blocks@clear
2222   \thesis@blocks@lot
2223   \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.

```
2224 \ifx\thesis@blocks@lot\empty\else
2225   \def\thesis@blocks@lot{%
2226     \thesis@blocks@clear
2227     \phantomsection
2228     \addcontentsline{toc}{chapter}{\listtablename}%
2229     \listoftables}
2230 \fi
2231
2232 \ifx\thesis@blocks@lof\empty\else
2233   \def\thesis@blocks@lof{%
2234     \thesis@blocks@clear
2235     \phantomsection
2236     \addcontentsline{toc}{chapter}{\listfigurename}%
2237     \listoffigures}
2238 \fi
```

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

```
2239 \def\thesis@blocks@preamble{%
2240   \thesis@blocks@coverMatter
2241   \thesis@blocks@cover
2242   \thesis@blocks@frontMatter
2243   \thesis@blocks@titlePage
2244   \thesis@blocks@assignment
2245   \thesis@blocks@clearRight
2246   \thesis@blocks@abstract
2247   \thesis@blocks@abstractEn
2248   \thesis@blocks@keywords
2249   \thesis@blocks@keywordsEn
2250   \thesis@blocks@declaration
2251   \thesis@blocks@thanks
2252   \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.

```
2253 \def\thesis@blocks@postamble{%  
2254   \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.

```
2255 \NeedsTeXFormat{LaTeX2e}  
2256 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2016/02/18]
```

The file defines the color scheme of the respective faculty.

```
2257 \thesis@color@setup{  
2258   links={HTML}{F58E76},  
2259   tableEmph={HTML}{FF9D85},  
2260   tableOdd={HTML}{FFF5F6},  
2261   tableEven={HTML}{FFDEDF}}
```

The file loads the following packages:

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

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

```
2262 \thesis@require{tikz}  
2263 \thesis@require{geometry}  
2264 \thesis@require{setspace}  
2265 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2266 \def\thesis@blocks@cover{%  
2267   \ifthesis@cover@  
2268     \thesis@blocks@clear  
2269     \begin{alwaysingle}  
2270       \thispagestyle{empty}  
2271       \begin{center}  
2272         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\\%  
2273         \thesis@titlePage@Large\thesis@{facultyName}}\\}  
2274       \vfill  
2275       {\bf\thesis@titlePage@Huge\thesis@{typeName}}  
2276       \vfill
```

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

```

2277     {\thesis@titlePage@large\thesis@place
2278      \ \thesis@year\hfill\thesis@author}
2279     \end{center}
2280     \end{alwaysingle}
2281     \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.

```

2282 \def\thesis@blocks@titlePage@content{%
2283   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]]}%
2284   {\thesis@titlePage@large{\sc\thesis@{@{typeName}}\\}}
2285 \def\thesis@blocks@titlePage@footer{%
2286   {\thesis@titlePage@large
2287     {% Calculate the width of the thesis author and advisor boxes
2288       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2289         \bf\thesis@{@{advisorTitle}:}}
2290       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2291       \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2292         \bf\thesis@{@{authorTitle}:}}
2293       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2294       \let\@E\relax\newlength{\@E}\settowidth{\@E}{%
2295         \bf\thesis@{@{fieldTitle}:}}
2296       \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
2297       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2298         max(\@A,\@B)}
2299       \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2300         max(\@C,\@D,\@E,\@F)}
2301       % Typeset the thesis author and advisor boxes
2302       \vskip 2in\begin{minipage}[t]{\@left}
2303         {\bf\thesis@{@{advisorTitle}:}}\\thesis@advisor
2304       \end{minipage}\hfill\begin{minipage}[t]{\@right}
2305         {\bf\thesis@{@{authorTitle}:}}\\thesis@author
2306         \\[1em]{\bf\thesis@{@{fieldTitle}:}}\\thesis@field
2307       \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.

```

2308 \def\thesis@blocks@frontMatter{%
2309   \thesis@blocks@clear
2310   % In case of double-sided typesetting, change the geometry
2311   \ifthesis@twoside@
2312     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2313       right=15mm, includeheadfoot}
2314   \fi\pagestyle{empty}
2315   \parindent 1.5em

```

```

2316 \setcounter{page}{1}
2317 \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.

```

2318 \def\thesis@blocks@mainMatter{%
2319 \thesis@blocks@clear
2320 % In case of double-sided typesetting, change the geometry
2321 \ifthesis@twoside@
2322 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2323 right=15mm, includeheadfoot}
2324 \fi\setcounter{page}{1}
2325 \pagenumbering{arabic}
2326 \pagestyle{thesisheadings}
2327 \parindent 1.5em
2328 \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

```

2329 \def\thesis@blocks@bibEntry{%
2330 \chapter*{\thesis@{bib@title}}
2331 \noindent\thesis@upper{author@tail}, \thesis@author@head.
2332 \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2333 \thesis@{facultyName}, \thesis@department, \thesis@year.
2334 \thesis@pages\ \thesis@{bib@pages}.
2335 \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.

```

2336 \def\thesis@blocks@preamble{%
2337 \thesis@blocks@coverMatter
2338 \thesis@blocks@cover
2339 \thesis@blocks@frontMatter
2340 \thesis@blocks@titlePage
2341 \onehalfspacing
2342 \thesis@blocks@clearRight
2343 \thesis@blocks@abstract
2344 \thesis@blocks@abstractEn
2345 \thesis@blocks@keywords
2346 \thesis@blocks@keywordsEn
2347 \thesis@blocks@bibEntry
2348 \thesis@blocks@declaration
2349 \thesis@blocks@thanks
2350 \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.

```
2351 \NeedsTeXFormat{LaTeX2e}
2352 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2353 \thesis@color@setup{
2354   links={HTML}{93BCF5},
2355   tableEmph={HTML}{A8BDE3},
2356   tableOdd={HTML}{EBEFF5},
2357   tableEven={HTML}{D1DAEB}}
```

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

```
2358 \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.

```
2359 \def\thesis@blocks@preamble{%
2360   \thesis@blocks@coverMatter
2361   \thesis@blocks@cover
2362   \thesis@blocks@titlePage
2363   \thesis@blocks@frontMatter
2364   \thesis@blocks@declaration
2365   \thesis@blocks@thanks
2366   \thesis@blocks@tables}
```

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

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Change History

v0.0	General: bachelor project of Daniel Marek under supervision of Petr Sojka	1	v0.1f	General: add documentation for hyperref [JP]	1
v0.0a	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing	1	v0.1g	General: change of default size (12pt→11pt) [JP]	1
v0.1	General: new release, documentation editing (CZ only, sorry) [PS]	1	v0.2.00	General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP]	1
v0.1a	General: minor documentation changes (CZ only, sorry) [PS] ...	1	v0.2.01	General: add subsubsection to toc [JP]	1
v0.1b	General: change of default size (11pt→12pt) [JP]	1	v0.2.02	General: fix encoding bug [JP]	1
v0.1c	General: default values of \facultynome and \@thesissubtitle set for backward compatibility) [PS]	1	v0.2.03	General: fix title spacing [PS, JP] ...	1
v0.1d	General: removed def schapter from fit1*.clo [JP]	1	v0.2.04	General: fix SK declaration [Peter Cerensky, JP]	1
v0.1e	General: add Brno to MU title [JP] .	1	v0.2.05	General: add English abstract [JP] ..	1
			v0.2.06	General: fix : behind Advisor [JP] ..	1
			v0.2.07	General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP] \MainMatter should be placed after \tablesofcontents [PS] ...	1

v0.2.08	General: add change of University name [JP]	1	v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN]	1
v0.2.09	General: add EN version of University name [JP]	1	v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \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)	1
v0.2.10	General: fix EN name of Acknowledgement [JP]	1	v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN]	1
v0.2.11	General: fix missing fi-logo.mf [JP,PS]	1	v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN]	1
v0.2.12	General: Licence change to the LPPL [JP]	1	v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)	
v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. http://github.com/liskin/fithesis	1		Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17)	1
v0.3.00	General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typo elements [VN]	1			
v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN]	1			
v0.3.02	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN]	1			
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS]	1			

v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] 1	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 med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the \ifthesis@blocks@assignment conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN] 1
v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packages listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN] 1	
v0.3.11	General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths. Accounted for French spacing in the guide. Fixed the thesis@english@facultyName string. Documentation refinements. [VN] 1	v0.3.14 General: Updated the documentation. [VN] 1
v0.3.12	General: The subsections and sub-subsections now use the correct tocdepth. [VN] 1	v0.3.15 General: Renamed \thesis@requireStyle to \thesis@requireWithOptions and moved the style loader from the \thesis@load routine to a new \thesis@requireStyle macro to make the semantics of \thesis@requireLocale and \thesis@requireStyle more similar. Changed the basepath, logopath, localepath and stylepath keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] 1
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous \thesis@blocks@clear block withing the definition of \thesis@blocks@frontMatter in the fss style file. Added comments, fixed clubs and	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] 1

v0.3.17	<p>General: Changed a forgotten <code>\thesis@lower{...}</code> invocation in the definition of <code>\thesis@czech@declaration</code> for the Faculty of Arts into <code>\thesis@lower{czech@...}</code>, so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] .. 1</p>	<p>which also switches hyphenation patterns. The macro definitions inside locale files are now global to account for the fact that it now makes sense to include locale files on-site (and therefore possibly inside a group) using the <code>\thesis@selectLocale</code>. The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN] 1</p>
v0.3.18	<p>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 <code>fithesis.dtx</code> file now generates a <code>VERSION.tex</code> file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN] 1</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] 1</p>
	<p>v0.3.21</p> <p>General: Fixed an invalid font name. [VN] 1</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] 1</p>	
	<p>v0.3.23</p> <p>General: Fixed a typo in the Slovak locale. [VN] 1</p>	
v0.3.19	<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>,</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</p>

	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] 1	
v0.3.25	General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] . . 1	<code>\thesis@blocks@mainMatter</code> , whose effects would also be local, <code>@mainMatter</code> is now executed directly by <code>\thesis@preamble</code> after closing the group and becomes a new part of the interface between the class and the style files. [VN] 1
		v0.3.27:3
		General: As a preparation for the future inclusion of bibliography support, the <code>csquotes</code> package is loaded, <code>@csquotesStyle</code> is a new part of the locale interface that sets the <code>csquotes</code> style of a locale, and <code>\thesis@selectLocale</code> now switches the <code>csquotes</code> style. [VN] 1
		v0.3.27:4
		General: <code>\thesis@english@declaration</code> now uses the correct idiom (by one's own → on one's own). [VN] 1
v0.3.26	General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code> . [VN] 1	v0.3.27:5
		General: The PDF bookmarks are no longer garbled, when the LuaTeX engine is used. [VN] . . . 1
v0.3.27:1	General: Fixed a typo in the guide. Added a compatibility layer for <code>\title</code> , <code>\author</code> , and <code>\maketitle</code> . Minor changes of the documentation. [VN] 1	v0.3.28:1
		General: The draft option has no longer an effect on the microtype package. The <code>\thesis@require</code> command now also takes an optional argument and the <code>\thesis@require-WithOption</code> command has become <code>\thesis@require-IfExists</code> . [VN] 1
v0.3.27:2	General: <code>\thesis@selectLocale</code> is no longer performed globally for the entire document during <code>\thesis@load</code> (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's <code>\languageName</code> differs from <code>\thesis@locale</code>). Instead, <code>\thesis@preamble</code> and <code>@postamble</code> now locally switch the locale and expand <code>\thesis@blocks@preamble</code> and <code>@postamble</code> , which are the new redefinables. Since this breaks the behaviour of	v0.3.28:2
		General: If the thesis locale and the document locale is the same (the default behaviour), the <code>\thesis@selectLocale</code> macro is applied globally at the beginning of the document. As a result, the <code>csquotes</code> style is automatically set for the entire document. [VN] 1
		v0.3.29:1
		General: The initial pages of the

	styles of the Masaryk University in Brno are no longer page-numbered, so that hyperref links work correctly. [VN] 1	broke hyperref links to appendices, were removed. [VN] 1
v0.3.29:2	General: The printed and digital class options, which set all the options appropriate for either the printed or the digital versions of a document, are now available for the style files of the Masaryk University in Brno. [VN] 1	v0.3.31:2 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] 1
v0.3.29:3	General: The table class option for the style files of the Masaryk University in Brno now loads all the required packages and changes the table measurements even when the color option is not specified. [VN] 1	v0.3.31:3 General: The style/mu/fithesis-sci.sty style file redefines \thesis@blocks@declaration to include a formatted date and an author's signature field. The locale file style/mu/sci/czech.def contains a new string \thesis@czech@formattedDate. [VN] 1
v0.3.30	General: The \thesis@seasonYear macro has been added, which, unlike \thesis@year takes into account the fact that January and February of the year n still belong to the fall semester of the year $n - 1$. [VN] 1	v0.3.32 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. 1
v0.3.31:1	General: The redefinitions of \appendix from the style/mu/fithesis-1*.clo files, which	