

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 \XeTeX engine.
- `ifluatex` – Used to detect the \LuaTeX engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the \XeTeX and \LuaTeX engines.

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

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

2 Public API

2.1 Options

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

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

2.2 The `\thesissetup` macro

`\thesissetup` The main public macro is the `\thesissetup{<keyvals>}` command, where *keyvals* is a comma-delimited list of key-value pairs as defined by the `keyval` package. This macro needs to be included prior to the beginning of a \LaTeX document. When used, the *keyvals* are processed.

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

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

2.2.1 The `basePath` key

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

```

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

```

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

```

`\thesis@declaration` 2.2.5 The declaration key

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

```

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

```

`\ifthesis@woman` 2.2.6 The gender key

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

```

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

```

`\thesis@author` 2.2.7 The author key

The `{\author=name}}` pair sets the author's full name to *name*. The *name* is parsed using the `\thesis@parseAuthor` macro and stored within the following macros:

- `\thesis@author` • `\thesis@author` – The full name of the author.
- `\thesis@author@head` • `\thesis@author@head` – The first space-delimited part of the name. This corresponds to the author's first name.
- `\thesis@author@tail` • `\thesis@author@tail` – The full name without the first space-delimited part of the name. This corresponds to the author's surname.

`\author` The standard L^AT_EX `\author` macro also sets this key.

```

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

```

`\thesis@id` 2.2.8 The id key

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

```

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

```

`\thesis@type` 2.2.9 The type key

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

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

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

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

`\thesis@university` 2.2.10 The university key

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

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

`\thesis@faculty` 2.2.11 The faculty key

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

126 \thesis@def{field}
127 \define@key{thesis}{field}{%
128   \def\thesis@field{#1}}

```

`\thesis@fieldEn` 2.2.17 The `fieldEn` key

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

```

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

```

`\thesis@universityLogo` 2.2.18 The `universityLogo` key

The `{\universityLogo=filename}` pair sets the filename of the logo file to be used as the university logo to *filename*. The *filename* is stored within the `\thesis@universityLogo` macro, whose implicit value is `fithesis-base`. The `fithesis-` prefix serves to prevent package clashes with other similarly named files within the \TeX 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 \TeX 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 – The entire *date*
- \thesis@month – The MM of *date*
- \thesis@year – The YYYY of *date*
- \thesis@day – The DD of *date*

\thesis@season

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

\thesis@seasonYear

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

\thesis@academicYear

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

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 2015/01/05 v0.3.30 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}

```

<code>\thesis@e</code>	<p>The <code>\thesis@{<name>}</code> macro expands to <code>\thesis@locale@name</code>, where <i>locale</i> corresponds to the name of the current locale. The <i>name</i> gets fully expanded and can therefore contain active characters and command sequences.</p> <pre> 349 \def\thesis@@#1{\thesis@{\thesis@locale @#1}} </pre>
<code>\thesis@lower</code> <code>\thesis@upper</code>	<p>The <code>\thesis@lower</code> and <code>\thesis@upper</code> macros are used for upper- and lowercasing within locale files. To cast the <code>\thesis@name</code> macro to the lower- or uppercase, <code>\thesis@lower{<name>}</code> or <code>\thesis@upper{<name>}</code> would be used, respectively. The <i>name</i> gets fully expanded and can therefore contain active characters and command sequences.</p> <pre> 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 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 360 \ea\ea\ea\ea\ea\ea\ea@gobble\ea\ea\ea\string\ea\csname\csname the% 361 sis@#1\endcsname\endcsname}}} </pre>
<code>\thesis@@lower</code> <code>\thesis@@upper</code>	<p>The <code>\thesis@@lower</code> and <code>\thesis@@upper</code> macros are used for upper- and lowercasing current <i>locale</i> strings within style files. To cast the <code>\thesis@locale@name</code> macro to the lower- or uppercase, <code>\thesis@@lower{<name>}</code> or <code>\thesis@@upper{<name>}</code> would be used, respectively. The <i>name</i> gets fully expanded and can therefore contain active characters and command sequences.</p> <pre> 362 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}} 363 \def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}} </pre>
<code>\thesis@head</code> <code>\thesis@tail</code>	<p>The <code>\thesis@head</code> and <code>\thesis@tail</code> macros are used for retrieving the head or the tail of space-separated token sequences that end with <code>\relax</code>.</p> <pre> 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}% </pre>

3.4 General purpose macros

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

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

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

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

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

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

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}[2015/01/05]
```

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

```

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

```

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

```

439 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
440
441 % Placeholders
442 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
443
444 % Miscellaneous
445 \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.

```

446 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]
447
448 % Placeholders
449 \gdef\thesis@english@facultyName{Faculty of Social Studies}
450 \gdef\thesis@english@assignment{Replace this page with a copy
451 of the official signed thesis assignment or the copy of the
452 Statement of an Author or both, depending on the requirements of
453 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.

```

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

```
457 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]
458
459 % Miscellaneous
460 \gdef\thesis@english@abstractTitle{Annotation}
461
462 % Placeholders
463 \gdef\thesis@english@facultyName{Faculty of Medicine}
464
465 % Bibliographic entry
466 \gdef\thesis@english@bib@title{Bibliographic record}
467 \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.

```
468 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
469
470 % Placeholders
471 \gdef\thesis@english@facultyName{Faculty of Informatics}
472 \gdef\thesis@english@assignment{Replace this page with a copy
473   of the official signed thesis assignment and the copy of the
474   Statement of an Author.}
475
476 % Others
477 \gdef\thesis@english@advisorSignature{Signature of Thesis
478   \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.

```
479 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2015/06/26]
480 \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.

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

```

482
483 % Placeholders
484 \gdef\thesis@english@facultyName{Faculty of Education}
485
486 % Bibliographic entry
487 \gdef\thesis@english@bib@title{Bibliographic record}
488 \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.

```

489 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]
490
491 % Placeholders
492 \gdef\thesis@english@facultyName{Faculty of Science}
493
494 % Miscellaneous
495 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
496
497 % Bibliographic entry
498 \gdef\thesis@english@bib@title{Bibliographic entry}
499 \global\let\thesis@english@bib@author\thesis@english@authorTitle
500 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
501 \gdef\thesis@english@bib@programme{Degree Programme}
502 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
503 \gdef\thesis@english@bib@advisor{Supervisor}
504 \gdef\thesis@english@bib@academicYear{Academic Year}
505 \gdef\thesis@english@bib@pages{Number of Pages}
506 \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.

```
507 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2016/01/05]
```

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.

```

508
509 % Pomocná makra
510 \gdef\thesis@czech@gender@koncovka{%
511   \ifthesis@woman a\fi}
512
513 % Csquotes styl
514 \gdef\thesis@czech@csquotesStyle{german}
515
516 % Zástupné texty
517 \gdef\thesis@czech@universityName{Název univerzity}
518 \gdef\thesis@czech@facultyName{Název fakulty}
519 \gdef\thesis@czech@assignment{Místo tohoto listu vložte kopii
520   oficiálního podepsaného zadání práce.}
521 \gdef\thesis@czech@declaration{Text prohlášení ...}
522
523 % Různé
524 \gdef\thesis@czech@fieldTitle{Obor}
525 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
526 \gdef\thesis@czech@authorTitle{Autor}
527 \gdef\thesis@czech@abstractTitle{Shrnutí}
528 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
529 \gdef\thesis@czech@thanksTitle{Poděkování}
530 \gdef\thesis@czech@declarationTitle{Prohlášení}
531 \gdef\thesis@czech@idTitle{ID}
532 \gdef\thesis@czech@spring{jaro}
533 \gdef\thesis@czech@fall{podzim}
534 \gdef\thesis@czech@semester{%
535   \thesis@czech@\thesis@season} \thesis@seasonYear}
536 \gdef\thesis@czech@typeName{%
537   \ifx\thesis@type\thesis@bachelors%
538     Bakalářská práce%
539   \else\ifx\thesis@type\thesis@masters%
540     Diplomová práce%
541   \else\ifx\thesis@type\thesis@doctoral%
542     Disertační práce%
543   \else\ifx\thesis@type\thesis@rigorous%
544     Rigorózní práce%
545   \else%
546     <<Neznámý typ práce (\thesis@type)>>%
547   \fi\fi\fi\fi}
548 \gdef\thesis@czech@typeName@akuzativ{%
549   \ifx\thesis@type\thesis@bachelors%
550     Bakalářskou práci%
551   \else\ifx\thesis@type\thesis@masters%
552     Diplomovou práci%
553   \else\ifx\thesis@type\thesis@doctoral%
554     Disertační práci%
555   \else\ifx\thesis@type\thesis@rigorous%
556     Rigorózní práci%
557   \else%

```

```

558 <<Neznámý typ práce (\thesis@type)>>%
559 \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.

```

560 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/11/17]
561
562 % Zástupné texty
563 \gdef\thesis@czech@universityName{Masarykova univerzita}
564 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
565 \thesis@lower{czech@typeName@akuzativ} zpracoval%
566 \thesis@czech@gender@koncovka\ samostatně a
567 použil\thesis@czech@gender@koncovka\ jen prameny
568 uvedené~v seznamu literatury.}
569
570 % Různé
571 \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.

```

572 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
573
574 % Různé
575 \gdef\thesis@czech@abstractTitle{Abstrakt}
576
577 % Zástupné texty
578 \gdef\thesis@czech@facultyName{Právnická fakulta}
579 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
580 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.

```

581 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
582
583 % Zástupné texty
584 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
585

```

```

586 % Různé
587 \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.

```

588 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
589
590 % Zástupné texty
591 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
592 \gdef\thesis@czech@assignment{Místo tohoto listu
593 vloďte kopie oficiálního podepsaného zadání práce nebo
594 prohlášení autora školního díla nebo obojí~v závislosti na
595 požadavcích příslušné katedry.}
596

```

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.

```

597 \ProvidesFile{fithesis/locale/mu/econ/fithesis-czech.def}[2015/06/26]
598 \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.

```

599 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2015/06/26]
600
601 % Různé
602 \gdef\thesis@czech@abstractTitle{Anotace}
603
604 % Zástupné texty
605 \gdef\thesis@czech@facultyName{Lékařská fakulta}
606
607 % Bibliografický záznam
608 \gdef\thesis@czech@bib@title{Bibliografický záznam}
609 \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/fi/thesis-fi.sty style file.

```
610 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
611
612 % Zástupné texty
613 \gdef\thesis@czech@facultyName{Fakulta informatiky}
614 \gdef\thesis@czech@assignment{Místo tohoto listu
615 vložit kopie oficiálního podepsaného zadání práce a
616 prohlášení autora školního díla.}
617 \gdef\thesis@czech@declaration{%
618 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
619 původním autorským dílem, které jsem vypracoval%
620 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
621 prameny a literaturu, které jsem při vypracování
622 používal\thesis@czech@gender@koncovka\ nebo z nich
623 čerpal\thesis@czech@gender@koncovka, v práci řádně cituji
624 s uvedením úplného odkazu na příslušný zdroj.}
625
626 % Ostatní
627 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
```

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

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

```
628 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2015/06/26]
629
630 % Zástupné texty
631 \gdef\thesis@czech@facultyName{Filozofická fakulta}
632 \gdef\thesis@czech@declaration{%
633 Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
634 vypracoval\thesis@czech@gender@koncovka\ samostatně s využitím
635 uvedené literatury.}
636
637 % Ostatní
638 \gdef\thesis@czech@typeName{%
639 \ifx\thesis@type\thesis@bachelors%
640 Bakalářská diplomová práce%
641 \else\ifx\thesis@type\thesis@masters%
642 Magisterská diplomová práce%
643 \else\ifx\thesis@type\thesis@doctoral%
644 Disertační práce%
645 \else%
646 <<Neznámý typ práce (\thesis@type)>>%
647 \fi\fi\fi}
```



```

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

```

658 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2015/06/26]
659
660 % Zástupné texty
661 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
662
663 % Bibliografický záznam
664 \gdef\thesis@czech@bib@title{Bibliografický záznam}
665 \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.

```

666 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2015/06/26]
667
668 % Zástupné texty
669 \gdef\thesis@czech@facultyName{Přirodovědecká fakulta}
670
671 % Ostatní
672 \gdef\thesis@czech@abstractTitle{Abstrakt}
673 \gdef\thesis@czech@declaration{%
674   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
675     akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
676     statně s~využitím informačních zdrojů, které jsou v~práci
677     citovány.}
678
679 % Bibliografický záznam

```

```

680 \gdef\thesis@czech@bib@title{Bibliografický záznam}
681 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
682 \gdef\thesis@czech@bib@thesisTitle{Název práce}
683 \gdef\thesis@czech@bib@programme{Studijní program}
684 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
685 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
686 \gdef\thesis@czech@bib@academicYear{Akademický rok}
687 \gdef\thesis@czech@bib@pages{Počet stran}
688 \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.

```
689 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2015/01/05]
```

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.

```

690
691 % Pomocná makrá
692 \gdef\thesis@slovak@gender@koncovka{%
693   \ifthesis@woman a\fi}
694
695 % Csquotes štýl
696 \gdef\thesis@slovak@csquotesStyle{german}
697
698 % Zástupné texty
699 \gdef\thesis@slovak@universityName{Názov univerzity}
700 \gdef\thesis@slovak@facultyName{Názov fakulty}
701 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
702   oficiálneho podpísaného zadania práce.}
703 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
704
705 % Rôzne
706 \gdef\thesis@slovak@fieldTitle{Odbor}
707 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
708 \gdef\thesis@slovak@authorTitle{Autor}
709 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
710 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
711 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
712 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
713 \gdef\thesis@slovak@idTitle{ID}
714 \gdef\thesis@slovak@spring{jar}

```

```

715 \gdef\thesis@slovak@fall{jeseň}
716 \gdef\thesis@slovak@semester{%
717   \thesis@slovak@\thesis@season} \thesis@seasonYear}
718 \gdef\thesis@slovak@typeName{%
719   \ifx\thesis@type\thesis@bachelors%
720     Bakalárska práca%
721   \else\ifx\thesis@type\thesis@masters%
722     Diplomová práca%
723   \else\ifx\thesis@type\thesis@doctoral%
724     Dizertačná práca%
725   \else\ifx\thesis@type\thesis@rigorous%
726     Rigorózna práca%
727   \else%
728     <<Neznámy typ práce (\thesis@type)>>%
729   \fi\fi\fi\fi}
730 \gdef\thesis@slovak@typeName@akuzativ{%
731   \ifx\thesis@type\thesis@bachelors%
732     Bakalársku prácu%
733   \else\ifx\thesis@type\thesis@masters%
734     Diplomovú prácu%
735   \else\ifx\thesis@type\thesis@doctoral%
736     Dizertačnú prácu%
737   \else\ifx\thesis@type\thesis@rigorous%
738     Rigoróznú prácu%
739   \else%
740     <<Neznámy typ práce (\thesis@type)>>%
741   \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.

```

742 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/11/17]
743
744 % Zástupné texty
745 \gdef\thesis@slovak@universityName{Masarykova univerzita}
746 \gdef\thesis@slovak@declaration{%
747   Prehlasujem, že som predloženú \thesis@lower{%
748     slovak@typeName@akuzativ} vypracoval%
749   \thesis@slovak@gender@koncovka\ samostatne len s~použitím
750   uvedenej literatúry a prameňov.}
751
752 % Rôzne
753 \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.

```
754 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
755
756 % Rôzne
757 \gdef\thesis@slovak@abstractTitle{Abstrakt}
758
759 % Zástupné texty
760 \gdef\thesis@slovak@facultyName{Právnická fakulta}
761 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
762 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.

```
763 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
764
765 % Zástupné texty
766 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
767
768 % Rôzne
769 \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.

```
770 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
771
772 % Zástupné texty
773 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
774 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
775 oficiálneho podpísaného zadania práce alebo prehlásenie autora
776 školského diela alebo obidve v závislosti na požiadavkách
777 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.

```
778 \ProvidesFile{fithesis/locale/mu/econ/fithesis-slovak.def}[2015/06/26]
779 \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.

```
780 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]
781
782 % Rôzne
783 \gdef\thesis@slovak@abstractTitle{Anotácie}
784
785 % Zástupné texty
786 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
787
788 % Bibliografický zoznam
789 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
790 \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.

```
791 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
792
793 % Zástupné texty
794 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
795 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
796 oficiálneho podpísaného zadania práce a prehlásenie autora
797 školského diela.}
798 \gdef\thesis@slovak@declaration{%
799 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
800 pôvodným autorským dielom, ktoré som vypracoval%
801 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
802 pramene a literatúru, ktoré som pri vypracovaní
803 používal\thesis@slovak@gender@koncovka\ alebo z~nich
804 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
805 s~uvedením úplného odkazu na príslušný zdroj.}
806
807 % Rôzne
808 \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.

```
809 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2015/06/26]
810
811 % Zástupné texty
812 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
813 \gdef\thesis@slovak@declaration{%
814   Prehlasujem, že som predloženú \thesis@lower{%
815     slovak@typeName@akuzativ} vypracoval%
816     \thesis@slovak@gender@koncovka\ samostatne na
817     základe vlastných zistení a len s~použitím
818     uvedenej literatúry a prameňov.}
819
820 % Rôzne
821 \gdef\thesis@slovak@typeName{%
822   \ifx\thesis@type\thesis@bachelors%
823     Bakalárska diplomová práca%
824   \else\ifx\thesis@type\thesis@masters%
825     Magisterská diplomová práca%
826   \else\ifx\thesis@type\thesis@doctoral%
827     Dizertačná práca%
828   \else%
829     <<Neznámy typ práce (\thesis@type)>>%
830   \fi\fi\fi}
831 \gdef\thesis@slovak@typeName@akuzativ{%
832   \ifx\thesis@type\thesis@bachelors%
833     Diplomovú prácu%
834   \else\ifx\thesis@type\thesis@masters%
835     Diplomovú prácu%
836   \else\ifx\thesis@type\thesis@doctoral%
837     Dizertačnú prácu%
838   \else%
839     <<Neznámy typ práce (\thesis@type)>>%
840   \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.

```
841 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]
842
843 % Zástupné texty
```

```

844 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
845
846 % Bibliografický zoznam
847 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
848 \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.

```

849 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
850
851 % Zástupné texty
852 \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 `dtxtut`, `docstrip`, `doc` and `ltxdoc` manuals.

3.6.1 Interface

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

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

```

853 \NeedsTeXFormat{LaTeX2e}
854 \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.

```
855 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2015/12/09]
856 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

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

```
857 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
858 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
859 \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@

```
860 \newif\ifthesis@twoside@
861 \DeclareOption{oneside}{%
862   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
863 \DeclareOption{twoside}{%
864   \thesis@twoside@true \@twosidetrue \@mparswitchtrue}
```

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

```
865 \DeclareOption{onecolumn}{\@twocolumnfalse}
866 \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.

```
867 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
868 \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@

```
869 \newif\ifthesis@palatino@
870 \DeclareOption{palatino}{\thesis@palatino@true}
871 \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> 872 \newif\ifthesis@color@ 873 \DeclareOption{monochrome}{\thesis@color@false} 874 \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> 875 \newif\ifthesis@microtype@ 876 \DeclareOption{microtype}{\thesis@microtype@true} 877 \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> 878 \newif\ifthesis@newtable@ 879 \DeclareOption{table}{\thesis@newtable@true} 880 \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> 881 \DeclareOption{no lot}{\def\thesis@blocks@lot{}} 882 \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> 883 \DeclareOption{no lof}{\def\thesis@blocks@lof{}} 884 \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>	

```

885 \newif\ifthesis@cover@
886 \DeclareOption{nocover}{\thesis@cover@false}
887 \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.

```

888 \DeclareOption{digital}{\ExecuteOptions{color,cover}}
889 \DeclareOption{printed}{\ExecuteOptions{monochrome,nocover}}

```

These are the default options:

```

890 \ExecuteOptions{%
891   printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
892 \ProcessOptions*

```

The file uses English locale strings within the macros.

```

893 \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.

```

894 \thesis@require{xcolor}
895 \thesis@require{graphicx}
896 \thesis@require{pdfpages}
897 \thesis@require{keyval}
898 \thesis@require{ifxetex}
899 \thesis@require{ifluatex}

```

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

```

900 \ifthesis@microtype@
901   \thesis@require[final,babel]{microtype}
902 \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.

```

903 {\let\x\expandafter
904 \x\global\x\let\x\ifthesis@xeluatex\cname if%

```

```

905 \ifxetex true\else
906   \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
907   \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
908   \fi
909 \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.

```

910 \ifthesis@xeluatex
911   \ifthesis@palatino@
912     \thesis@require{fontspec}
913     \thesis@require{unicode-math}
914     \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
915     \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
916       {texgyrepagella-math.otf}
917   \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.

```

918 \else
919   \ifthesis@palatino@
920     \RequirePackage[resetfonts]{cmap}
921     \thesis@require{lmodern}
922     \thesis@require{mathpazo}
923     \thesis@require{tgpagella}
924     \RequirePackage[T1]{fontenc}
925   \fi
926 \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 .

```

927 \let\thesis@newtable@old\tabular
928 \let\endthesis@newtable@old\endtabular
929 \ifthesis@newtable@
930   % Load the packages.
931   \thesis@require{tabularx}
932   \thesis@require{tabu}
933   \thesis@require{booktabs}
934   % Adjust the measurements.
935   \setlength{\aboverulesep}{0pt}
936   \setlength{\belowrulesep}{0pt}
937   \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
938 \ifthesis@color@
939   % The redefinition of ‘tabular’
940   \renewenvironment{tabular}%
941     {\rowcolors{1}{thesis@color@tableOdd}%
942      {thesis@color@tableEven}%
943      \thesis@newtable@old}%
944     {\endthesis@newtable@old}
945   % The redefinition of ‘tabularx’
946   \let\thesis@newtable@oldx\tabularx
947   \let\endthesis@newtable@oldx\endtabularx
948   \renewenvironment{tabularx}%
949     {\rowcolors{1}{thesis@color@tableOdd}%
950      {thesis@color@tableEven}%
951      \thesis@newtable@oldx}%
952     {\endthesis@newtable@oldx}
953   % The redefinition of ‘tabu’
954   \let\thesis@newtable@oldtabu\tabu
955   \let\endthesis@newtable@oldtabu\endtabu
956   \renewenvironment{tabu}%
957     {\rowcolors{1}{thesis@color@tableOdd}%

```

```

958             {thesis@color@tableEven}%
959     \thesis@newtable@oldtabu}%
960     {\endthesis@newtable@oldtabu}
961 \fi
962 \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.

```

963 \thesis@require{hyperref}
964 \hypersetup{
965   pdfborderstyle={/S/U/W 1}, % Less obtrusive borders
966   plainpages=false}          % Multiple page numbering support

```

Clubs and widows are set to be infinitely bad.

```

967 \widowpenalty 10000
968 \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.

```

969 \def\thesis@color@setup#1{%
970   \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.

```

971 \define@key{thesis@color}{links}{%
972   \definecolor{thesis@color@links}#1
973   \hypersetup{linkbordercolor=thesis@color@links}}
974 \define@key{thesis@color}{tableOdd}{%
975   \definecolor{thesis@color@tableOdd}#1}
976 \define@key{thesis@color}{tableEven}{%
977   \definecolor{thesis@color@tableEven}#1}
978 \define@key{thesis@color}{tableEmph}{%
979   \definecolor{thesis@color@tableEmph}#1}

```

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

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

```
980 \def\thesis@blocks@coverMatter{%
981   \pagenumbering{gobble}}
```

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

```
982 \def\thesis@blocks@frontMatter{%
983   \thesis@blocks@clear
984   \pagestyle{plain}
985   \parindent 1.5em
986   \setcounter{page}{1}
987   \pagenumbering{roman}}
```

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

```
988 \def\thesis@blocks@clear{%
989   \ifthesis@twoside%
990     \clearpage%
991     \thispagestyle{empty}%
992     \cleardoublepage%
993   \else%
994     \newpage%
995   \fi}
```

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

```
996 \def\thesis@blocks@clearRight{%
997   \ifthesis@twoside%
998     \clearpage%
999     \ifodd\value{page}%
1000       \thispagestyle{empty}%
1001       \hbox{}%
1002       \newpage%
1003     \fi%
1004   \else%
1005     \newpage%
1006   \fi}
```

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

```
1007 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]{%
```

```

1008 [width=40mm]{{%
1009 \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1010 \includegraphics[#1]{\@path}}}

thesis@blocks@facultyLogo@color The \thesis@blocks@facultyLogo@color[<options>] macro typesets either the
\thesis@logopath\thesis@facultyLogo logo, if the \ifthesis@color@ condi-
tional is false, or the \thesis@logopath\thesis@facultyLogo-color logo oth-
erwise with the given options passed to \includegraphics.
1011 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1012 [width=40mm]{{%
1013 \edef\@path{\thesis@logopath\thesis@facultyLogo%
1014 \ifthesis@color@-color\fi}%
1015 \includegraphics[#1]{\@path}}}

blocks@universityLogo@monochrome The \thesis@blocks@universityLogo@monochrome[<options>] macro typesets the
\thesis@logopath\thesis@universityLogo logo with the given options passed to
\includegraphics.
1016 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1017 [width=40mm]{{%
1018 \edef\@path{\thesis@logopath\thesis@universityLogo}%
1019 \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@ con-
ditional is false, or the \thesis@logopath\thesis@universityLogo-color logo
otherwise with the given options passed to \includegraphics.
1020 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1021 [width=40mm]{{%
1022 \edef\@path{\thesis@logopath\thesis@universityLogo%
1023 \ifthesis@color@-color\fi}%
1024 \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.
1025 \def\thesis@blocks@cover{%
1026 \ifthesis@cover@%
1027 \thesis@blocks@clear%
1028 \begin{alwaysssingle}%
1029 \thispagestyle{empty}%
1030 \begin{center}%

```

```

1031 \thesis@blocks@cover@header%
1032 \thesis@blocks@facultyLogo@monochrome\[\0.4in]%
1033 \let\footnotesize\small%
1034 \let\footnoterule\relax{}%
1035 \thesis@blocks@cover@content%
1036 \par\vfill%
1037 \thesis@blocks@cover@footer%
1038 \end{center}%
1039 \end{alwaysingle}%
1040 \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.

```

1041 \newif\ifthesis@blocks@cover@university@
1042 \thesis@blocks@cover@university@true
1043 \newif\ifthesis@blocks@cover@faculty@
1044 \thesis@blocks@cover@faculty@true
1045 \newif\ifthesis@blocks@cover@department@
1046 \thesis@blocks@cover@department@false
1047 \newif\ifthesis@blocks@cover@field@
1048 \thesis@blocks@cover@field@false
1049
1050 \def\thesis@blocks@cover@header{%
1051   {\sc\ifthesis@blocks@cover@university@%
1052     \thesis@titlePage@LARGE\thesis@{universityName}\%
1053   \fi\ifthesis@blocks@cover@faculty@%
1054     \thesis@titlePage@LARGE\thesis@{facultyName}\%
1055   \fi\ifthesis@blocks@cover@department@%
1056     \thesis@titlePage@LARGE\thesis@department\%
1057   \fi}

```



```

1058 \ifthesis@blocks@cover@field@%
1059   {\thesis@titlePage@large\vskip 1em%
1060    {\bf\thesis@{fieldTitle}:} \thesis@field}%
1061   \fi\vskip 2em}
1062 \def\thesis@blocks@cover@content{%
1063   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1064   \vskip 0.8in%
1065   {\thesis@titlePage@large\sc\thesis@{typeName}}\[\[0.3in]%
1066   {\thesis@titlePage@Large\bf\thesis@author}}
1067 \def\thesis@blocks@cover@footer{%
1068   {\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.

```

1069 \def\thesis@blocks@titlePage{%
1070   \thesis@blocks@clear%
1071   \begin{alwaysingle}%
1072     \thispagestyle{empty}%
1073     \begin{center}%
1074       \thesis@blocks@titlePage@header%
1075       \thesis@blocks@facultyLogo@color\[\[0.4in]%
1076       \let\footnotesize\small%
1077       \let\footnoterule\relax}%
1078     \thesis@blocks@titlePage@content%
1079     \par\vfill%
1080     \thesis@blocks@titlePage@footer%
1081   \end{center}%
1082   \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.

```

1083 \newif\ifthesis@blocks@titlePage@university@
1084 \thesis@blocks@titlePage@university@true
1085 \newif\ifthesis@blocks@titlePage@faculty@
1086 \thesis@blocks@titlePage@faculty@true
1087 \newif\ifthesis@blocks@titlePage@department@
1088 \thesis@blocks@titlePage@department@false
1089 \newif\ifthesis@blocks@titlePage@field@
1090 \thesis@blocks@titlePage@field@false
1091
1092 \def\thesis@blocks@titlePage@header{%
1093   {\sc\ifthesis@blocks@titlePage@university@%
1094     \thesis@titlePage@LARGE\thesis@{universityName}}\%
1095   \fi\ifthesis@blocks@titlePage@faculty@%
1096     \thesis@titlePage@Large\thesis@{facultyName}}\%
1097   \fi\ifthesis@blocks@titlePage@department@%
1098     \thesis@titlePage@large\thesis@department}\%
1099   \fi}
1100 \ifthesis@blocks@titlePage@field@%
1101   {\thesis@titlePage@large\vskip 1em%
1102     {\bf\thesis@{fieldTitle}:} \thesis@field}%
1103   \fi\vskip 2em}
1104 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1105 \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`.

```

1106 \def\thesis@blocks@tables{%
1107   \thesis@blocks@clear%
1108   \tableofcontents%
1109   \thesis@blocks@lot%
1110   \thesis@blocks@lof}

```

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

```

1111 \def\thesis@blocks@declaration{%
1112   \thesis@blocks@clear%
1113   \begin{alwaysssingle}%
1114     \chapter*{\thesis@{declarationTitle}}%
1115     \thesis@declaration%
1116     \vskip 2cm%
1117     \hfill\thesis@author%
1118   \end{alwaysssingle}}

```

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

```

1119 \def\thesis@blocks@thanks{%
1120   \ifx\thesis@thanks\undefined\else%
1121     \thesis@blocks@clear%
1122     \begin{alwaysingle}%
1123       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1124       \thesis@thanks%
1125     \end{alwaysingle}%
1126   \fi}

```

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

```

1127 \def\thesis@blocks@abstract{%
1128   \begin{alwaysingle}%
1129     % Start the new chapter without clearing the right page
1130     {\def\cleardoublepage{}
1131      \chapter*{\thesis@{abstractTitle}}}%
1132     \noindent\thesis@abstract%
1133     \par\vfil\null%
1134   \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.

```

1135 \def\thesis@blocks@abstractEn{%
1136   \ifthesis@english\else%
1137     {\thesis@selectLocale{english}%
1138      \begin{alwaysingle}%
1139        % Start the new chapter without clearing the right page
1140        {\def\cleardoublepage{}%
1141         \chapter*{\thesis@english@abstractTitle}%
1142         \thesis@abstractEn}%
1143        \par\vfil\null%
1144      \end{alwaysingle}}%
1145   \fi}

```

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

```

1146 \def\thesis@blocks@keywords{%
1147   \begin{alwaysingle}%
1148     % Start the new chapter without clearing the right page
1149     {\def\cleardoublepage{}%
1150      \chapter*{\thesis@{keywordsTitle}}%
1151      \noindent\thesis@TeXkeywords}%
1152     \par\vfil\null%
1153   \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.

```

1154 \def\thesis@blocks@keywordsEn{%
1155   \ifthesis@english\else%

```

```

1156 {\thesis@selectLocale{english}%
1157 \begin{alwaysssingle}%
1158 % Start the new chapter without clearing the right page
1159 {\def\cleardoublepage{}%
1160 \chapter*{\thesis@english@keywordsTitle}%
1161 \thesis@TeXkeywordsEn}%
1162 \par\vfil\null%
1163 \end{alwaysssingle}}%
1164 \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.

```

1165 \newif\ifthesis@blocks@assignment@
1166 \thesis@blocks@assignment@true
1167 \def\thesis@blocks@assignment{%
1168   \ifthesis@blocks@assignment@%
1169     \ifx\thesis@assignmentFiles\undefined%
1170       % Typeset a placeholder page.
1171       \thesis@blocks@clear%
1172       \begin{alwaysssingle}%
1173         \thispagestyle{empty}%
1174         \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1175         \noindent\textit{\thesis@{assignment}}%
1176       \end{alwaysssingle}%
1177     \else%
1178       {\edef\@pdfList{\thesis@assignmentFiles}%
1179       \ifx\@pdfList\empty\else
1180         \let\ea\expandafter
1181         % Inject the specified PDF documents.
1182         \def\@inject##1,{\thesis@blocks@clear
1183           \def\@args{##1}\def\@relax{\relax}%
1184           \ifx\@args\@relax\else%
1185             % Trim leading spaces.
1186             \edef\@trimmed{\romannumeral-'\.##1}%
1187             \includepdf[pages=-]\@trimmed
1188             \ea\@inject\fi}%

```

```

1189      \ea\@inject\@pdfList,\relax,%
1190      \fi}%
1191    \fi%
1192  \fi}

```

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

```

1193 \def\thesis@blocks@mainMatter{%
1194   \thesis@blocks@clear
1195   \setcounter{page}{1}
1196   \pagenumbering{arabic}
1197   \pagestyle{thesisheadings}
1198   \parindent 1.5em\relax}

```

The rest of the file comprises redefinitions of L^AT_EX 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.

```

1199 % Table of contents will contain sectioning commands up to
1200 \subsubsection
1201 \setcounter{tocdepth}{3}
1202
1203 % Load the 'fithesis-1*.clo' size option
1204 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1205
1206 \def\ps@thesisheadings{%
1207 \def\chaptermark##1{%
1208 \markright{%
1209 \ifnum\c@secnumdepth >\m@ne
1210 \thechapter.\ %
1211 \fi ##1}}
1212 \let\@oddfoot\@empty
1213 \let\@oddhead\@empty
1214 \def\@oddhead{\vbox{\hbox to \textwidth{%
1215 \hfil{\sc\rightmark}}\vskip 4pt\hrule}}
1216 \if@twoside
1217 \def\@evenhead{\vbox{\hbox to \textwidth{%
1218 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1219 \else
1220 \let\@evenhead\@oddhead
1221 \fi
1222 \def\@oddfoot{\hfil\PageFont\thepage}
1223 \if@twoside
1224 \def\@evenfoot{\PageFont\thepage\hfil}%
1225 \else
1226 \let\@evenfoot\@oddfoot
1227 \fi
1228 \let\@mkboth\markboth

```

```

1229 }
1230
1231 % Redefines the style of the chapter headings
1232 \renewcommand*\chapter{%
1233 \if@twoside
1234 \clearpage
1235 \thispagestyle{empty}
1236 \cleardoublepage
1237 \else
1238 \clearpage
1239 \fi
1240 \thispagestyle{plain}%
1241 \global\@topnum\z@
1242 \@afterindentfalse
1243 \secdef\@chapter\@schapter}
1244
1245 % Redefines the style of part headings
1246 \renewcommand*\part{%
1247 \clearpage
1248 \thispagestyle{empty}
1249 \cleardoublepage
1250 \thispagestyle{empty}%
1251 \if@twocolumn%
1252 \onecolumn
1253 \@tempswattrue
1254 \else
1255 \@tempswafalse
1256 \fi
1257 \hbox{}\vfil
1258 \secdef\@part\@spart}
1259
1260 \newif\if@restonecol
1261 \def\alwaysingle{%
1262 \if@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1263 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1264
1265 \renewcommand*\l@part[2]{%
1266 \ifnum \c@tocdepth >-2\relax
1267 \addpenalty{-\@highpenalty}%
1268 \addvspace{0.5em \@plus\p@}%
1269 \begingroup
1270 \setlength\@tempdima{3em}%
1271 \parindent \z@ \rightskip \@pnumwidth
1272 \parfillskip -\@pnumwidth
1273 {\leavevmode
1274 \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
1275 \nobreak
1276 \global\@nobreaktrue
1277 \everypar{\global\@nobreakfalse\everypar{}}%
1278 \endgroup

```

```

1279 \addvspace{0.2em \@plus\p@}%
1280 \fi}
1281
1282 \renewcommand*\l@chapter[2]{%
1283 \ifnum \c@tocdepth >\m@ne
1284 \addpenalty{-\@highpenalty}%
1285 \vskip 1.0em \@plus\p@
1286 \setlength\@tempdima{1.5em}%
1287 \begingroup
1288 \parindent \z@ \rightskip \@pnumwidth
1289 \parfillskip -\@pnumwidth
1290 \leavevmode \bfseries
1291 \advance\leftskip\@tempdima
1292 \hskip -\leftskip
1293 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1294 \penalty\@highpenalty
1295 \endgroup
1296 \fi}
1297
1298 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1299 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1300 \renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
1301 \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.

```

1302 <*opt>
1303 <*10pt>
1304 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2015/06/23]
1305
1306 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont%
1307 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1308 \belowdisplayskip \abovedisplayskip
1309 \abovedisplayshortskip \z@ plus3\p@
1310 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1311 \let\@listi\@listI}
1312
1313 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
1314 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1315 \belowdisplayskip \abovedisplayskip
1316 \abovedisplayshortskip \z@ plus2\p@
1317 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1318 \def\@listi{\leftmargin\leftmarginI
1319 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1320 \itemsep \parsep}}
1321
1322 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont%
1323 \abovedisplayskip 6\p@ plus2\p@ minus4\p@

```

```

1324 \belowdisplayskip \abovedisplayskip
1325 \abovedisplayshortskip \z@ plus\p@
1326 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1327 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1328 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1329 \itemsep \parsep}}
1330
1331 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1332 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1333 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1334 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1335 \renewcommand{\LARGE}{\fontsize\@xxvipt{22pt}\selectfont}
1336 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1337 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1338
1339 </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.

```

1340 <*11pt>
1341 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2015/06/23]
1342
1343 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont}
1344 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1345 \belowdisplayskip \abovedisplayskip
1346 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1347 \abovedisplayshortskip \z@ plus3\p@
1348 \let\@listi\@listI}
1349
1350 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont}
1351 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1352 \belowdisplayskip \abovedisplayskip
1353 \abovedisplayshortskip \z@ plus3\p@
1354 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1355 \def\@listi{\leftmargin\leftmarginI
1356 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1357 \itemsep \parsep}}
1358
1359 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont}
1360 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1361 \belowdisplayskip \abovedisplayskip
1362 \abovedisplayshortskip \z@ plus\p@
1363 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1364 \def\@listi{\leftmargin\leftmarginI
1365 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1366 \itemsep \parsep}}
1367
1368 \renewcommand{\scriptsize}{\fontsize\@viiipt{9.5pt}\selectfont}

```



```

1369 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1370 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1371 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1372 \renewcommand{\LARGE}{\fontsize\@xvpt{22pt}\selectfont}
1373 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1374 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1375
1376 </11pt>

```

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

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

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

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

```

1377 <*12pt>
1378 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2015/06/23]
1379 </12pt>
1380
1381 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%
1382 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1383 \belowdisplayskip \abovedisplayskip
1384 \abovedisplayshortskip \z@ plus3\p@
1385 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1386 \let\@listi\@listI}
1387
1388 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
1389 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1390 \belowdisplayskip \abovedisplayskip
1391 \abovedisplayshortskip \z@ plus3\p@

```

```

1392 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1393 \def\listi{\leftmargin\leftmargin % Added 22 Dec 87
1394 \parsep 4.5\p@ plus2\p@ minus\p@
1395 \itemsep \parsep
1396 \topsep 9\p@ plus3\p@ minus5\p@}}
1397
1398 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
1399 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1400 \belowdisplayskip \abovedisplayskip
1401 \abovedisplayshortskip \z@ plus3\p@
1402 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1403 \def\@listi{\leftmargin\leftmargin % Added 22 Dec 87
1404 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1405 \itemsep \parsep}}
1406
1407 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1408 \def\thesis@titlePage@tiny{\fontsize\@vpt{7pt}\selectfont}
1409 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1410 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
1411 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1412 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1413 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1414
1415 (*12pt)
1416 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1417 \renewcommand{\small}{\thesis@titlePage@small}
1418 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1419 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1420 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1421 \renewcommand{\large}{\thesis@titlePage@large}
1422 \renewcommand{\Large}{\thesis@titlePage@Large}
1423 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1424 \renewcommand{\huge}{\thesis@titlePage@huge}
1425 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1426 (/12pt)
1427 \let\@normalsize\normalsize
1428 \normalsize
1429
1430 \if@twoside
1431 \oddsidemargin 0.75in
1432 \evensidemargin 0.4in
1433 \marginparwidth 0pt
1434 \else
1435 \oddsidemargin 0.75in
1436 \evensidemargin 0.75in
1437 \marginparwidth 0pt
1438 \fi
1439 \marginparsep 10pt
1440
1441 \topmargin 0.4in

```

```

1442
1443 \headheight 20pt
1444 \headsep 10pt
1445 \topskip 10pt
1446 \footskip 30pt
1447
1448 (*10pt)
1449 \textheight = 43\baselineskip
1450 \advance\textheight by \topskip
1451 \textwidth 5.0truein
1452 \columnsep 10pt
1453 \columnseprule 0pt
1454
1455 \footnotesep 6.65pt
1456 \skip\footins 9pt plus 4pt minus 2pt
1457 \floatsep 12pt plus 2pt minus 2pt
1458 \textfloatsep 20pt plus 2pt minus 4pt
1459 \intextsep 12pt plus 2pt minus 2pt
1460 \dblfloatsep 12pt plus 2pt minus 2pt
1461 \dbltextfloatsep 20pt plus 2pt minus 4pt
1462
1463 \@fptop 0pt plus 1fil
1464 \@fpsep 8pt plus 2fil
1465 \@fpbot 0pt plus 1fil
1466 \@dblfpptop 0pt plus 1fil
1467 \@dblfpsep 8pt plus 2fil
1468 \@dblfpbot 0pt plus 1fil
1469 \marginparpush 5pt
1470
1471 \parskip 0pt plus 1pt
1472 \partopsep 2pt plus 1pt minus 1pt
1473
1474 (/10pt)
1475 %
1476 (*11pt)
1477 \textheight = 39\baselineskip
1478 \advance\textheight by \topskip
1479 \textwidth 5.0truein
1480 \columnsep 10pt
1481 \columnseprule 0pt
1482
1483 \footnotesep 7.7pt
1484 \skip\footins 10pt plus 4pt minus 2pt
1485 \floatsep 12pt plus 2pt minus 2pt
1486 \textfloatsep 20pt plus 2pt minus 4pt
1487 \intextsep 12pt plus 2pt minus 2pt
1488 \dblfloatsep 12pt plus 2pt minus 2pt
1489 \dbltextfloatsep 20pt plus 2pt minus 4pt
1490
1491 \@fptop 0pt plus 1fil

```

```

1492 \@fpsep 8pt plus 2fil
1493 \@fpbot 0pt plus 1fil
1494 \@dblfpstop 0pt plus 1fil
1495 \@dblfpsep 8pt plus 2fil
1496 \@dblfpbot 0pt plus 1fil
1497 \marginparpush 5pt
1498
1499 \parskip 0pt plus 0pt
1500 \partopsep 3pt plus 1pt minus 2pt
1501
1502 </11pt>
1503 %
1504 <*12pt>
1505 \textheight = 37\baselineskip
1506 \advance\textheight by \topskip
1507 \textwidth 5.0truein
1508 \columnsep 10pt
1509 \columnseprule 0pt
1510
1511 \footnotesep 8.4pt
1512 \skip\footins 10.8pt plus 4pt minus 2pt
1513 \floatsep 14pt plus 2pt minus 4pt
1514 \textfloatsep 20pt plus 2pt minus 4pt
1515 \intextsep 14pt plus 4pt minus 4pt
1516 \dblfloatsep 14pt plus 2pt minus 4pt
1517 \dbltextfloatsep 20pt plus 2pt minus 4pt
1518
1519 \@fptop 0pt plus 1fil
1520 \@fpsep 10pt plus 2fil
1521 \@fpbot 0pt plus 1fil
1522 \@dblfpstop 0pt plus 1fil
1523 \@dblfpsep 10pt plus 2fil
1524 \@dblfpbot 0pt plus 1fil
1525 \marginparpush 7pt
1526
1527 \parskip 0pt plus 0pt
1528 \partopsep 3pt plus 2pt minus 2pt
1529
1530 </12pt>
1531 \@lowpenalty 51
1532 \@medpenalty 151
1533 \@highpenalty 301
1534 \@beginparpenalty -\@lowpenalty
1535 \@endparpenalty -\@lowpenalty
1536 \@itempenalty -\@lowpenalty
1537
1538 \def\@makechapterhead#1{%
1539   {%
1540     \setlength\parindent{\z@}%
1541     \setlength\parskip {\z@}%

```

```

1542 \ifnum
1543 \c@secnumdepth >\m@ne
1544 \par\nobreak
1545 \vskip 10\p@
1546 \fi
1547 \Large \ChapFont \thechapter{} \space #1\par
1548 \nobreak
1549 \vskip 20\p@
1550 }%
1551 }
1552
1553 \def\@makeschapterhead#1{%
1554 {%
1555 \setlength\parindent{\z@}%
1556 \setlength\parskip {\z@}%
1557 \Large \ChapFont #1\par
1558 \nobreak
1559 \vskip 20\p@
1560 }%
1561 }
1562
1563 \def\chapter{%
1564 \clearpage
1565 \thispagestyle{plain}
1566 \global\@topnum\z@
1567 \@afterindentfalse
1568 \secdef\@chapter\@schapter
1569 }
1570
1571 \def\@chapter[#1]#2{%
1572 \ifnum \c@secnumdepth
1573 >\m@ne
1574 \refstepcounter{chapter}%
1575 \typeout{\@chapapp\space\thechapter.}%
1576 \addcontentsline{toc}{chapter}{\protect
1577 \numberline{\thechapter}\bfseries #1}
1578 \else%
1579 \addcontentsline{toc}{chapter}{\bfseries #1}
1580 \fi
1581 \chaptermark{#1}%
1582 \addtocontents{lof}%
1583 {\protect\addvspace{4\p@}}
1584 \addtocontents{lot}%
1585 {\protect\addvspace{4\p@}}
1586 \if@twocolumn
1587 \@topnewpage[\@makechapterhead{#2}]%
1588 \else
1589 \@makechapterhead{#2}%
1590 \@afterheading
1591 \fi

```

```

1592 }
1593
1594 %\def\eschapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]\%
1595 %      \else \@makeschapterhead{#1}%
1596 %      \markright{#1}
1597 %      \@afterheading\fi}
1598
1599 \def\section{\@startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
1600 -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
1601 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
1602 minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1603 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
1604 -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1605 \def\paragraph{\@startsection
1606 {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
1607 \normalsize\bfseries}}
1608 \def\subparagraph{\@startsection
1609 {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
1610 .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1611
1612 \setcounter{secnumdepth}{2}
1613
1614 \def\appendix{\par
1615 \setcounter{chapter}{0}%
1616 \setcounter{section}{0}%
1617 \def\@chapapp{\appendixname}%
1618 \def\thechapter{\Alph{chapter}}}
1619
1620 \leftmargini 2.5em
1621 \leftmarginii 2.2em % > \labelsep + width of '(m)'
1622 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
1623 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
1624 \leftmarginv 1em
1625 \leftmarginvi 1em
1626
1627 \leftmargin\leftmargini
1628 \labelsep .5em
1629 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1630
1631 (*10pt)
1632 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1633 \topsep 8\p@ plus2\p@ minus4\p@
1634 \itemsep 4\p@ plus2\p@ minus\p@}
1635
1636 \let\@listi\@listI
1637 \@listi
1638
1639 \def\@listii{\leftmargin\leftmarginii
1640 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1641 \topsep 4\p@ plus2\p@ minus\p@}

```

```

1642 \parsep 2\p@ plus\p@ minus\p@
1643 \itemsep \parsep}
1644
1645 \def\@listiii{\leftmargin\leftmarginiii
1646 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1647 \topsep 2\p@ plus\p@ minus\p@
1648 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1649 \itemsep \topsep}
1650
1651 \def\@listiv{\leftmargin\leftmarginiv
1652 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1653
1654 \def\@listv{\leftmargin\leftmarginv
1655 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1656
1657 \def\@listvi{\leftmargin\leftmarginvi
1658 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1659 </10pt>
1660 %
1661 < *11pt>
1662 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1663 \topsep 9\p@ plus3\p@ minus5\p@
1664 \itemsep 4.5\p@ plus2\p@ minus\p@}
1665
1666 \let\@listi\@listI
1667 \@listi
1668
1669 \def\@listii{\leftmargin\leftmarginii
1670 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1671 \topsep 4.5\p@ plus2\p@ minus\p@
1672 \parsep 2\p@ plus\p@ minus\p@
1673 \itemsep \parsep}
1674
1675 \def\@listiii{\leftmargin\leftmarginiii
1676 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1677 \topsep 2\p@ plus\p@ minus\p@
1678 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1679 \itemsep \topsep}
1680
1681 \def\@listiv{\leftmargin\leftmarginiv
1682 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1683
1684 \def\@listv{\leftmargin\leftmarginv
1685 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1686
1687 \def\@listvi{\leftmargin\leftmarginvi
1688 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1689 </11pt>
1690 %
1691 < *12pt>

```

```

1692 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
1693 \topsep 10\p@ plus4\p@ minus6\p@
1694 \itemsep 5\p@ plus2.5\p@ minus\p@}
1695
1696 \let\@listi\@listI
1697 \@listi
1698
1699 \def\@listii{\leftmargin\leftmarginii
1700   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1701   \topsep 5\p@ plus2.5\p@ minus\p@
1702   \parsep 2.5\p@ plus\p@ minus\p@
1703   \itemsep \parsep}
1704
1705 \def\@listiii{\leftmargin\leftmarginiii
1706   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1707   \topsep 2.5\p@ plus\p@ minus\p@
1708   \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1709   \itemsep \topsep}
1710
1711 \def\@listiv{\leftmargin\leftmarginiv
1712   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1713
1714 \def\@listv{\leftmargin\leftmarginv
1715   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1716
1717 \def\@listvi{\leftmargin\leftmarginvi
1718   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1719 </12pt>
1720 </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.

```

1721 \NeedsTeXFormat{LaTeX2e}
1722 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

1723 \thesis@color@setup{
1724   links={HTML}{FFD451},
1725   tableEmph={HTML}{FFD451},
1726   tableOdd={HTML}{FFF9E5},
1727   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.

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


```

1728 \ifx\thesis@type\thesis@bachelors\else
1729 \ifx\thesis@type\thesis@masters\else
1730   \thesis@blocks@assignment@false
1731 \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

```

1732 \def\thesis@blocks@titlePage@content{%
1733   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1734   {\thesis@titlePage@large\sc\thesis@@{typeName}}\[\[0.3in]]}
1735   {\thesis@titlePage@Large\bf\thesis@author}
1736   % If this is a rigorous thesis, typeset the name of the
1737   % thesis advisor.
1738   \ifx\thesis@type\thesis@rigorous%
1739     {\thesis@titlePage@large\[\[0.3in]]
1740      {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
1741   \fi}%
1742 \def\thesis@blocks@titlePage@footer{%
1743   {\thesis@titlePage@large\thesis@place, \thesis@@{semester}
1744   % If this is a rigorous thesis, create space for the advisor's
1745   % signature
1746   \ifx\thesis@type\thesis@rigorous%
1747     \let\@A\relax\newlength{\@A}
1748     \settowidth{\@A}{\thesis@@{advisorSignature}}
1749     \setlength{\@A}{\@A+1cm}
1750     \hfill\raisebox{-0.5em}{\parbox{\@A}{
1751       \centering
1752       \rule{\@A}{1pt}}\
1753       \thesis@@{advisorSignature}
1754     }}
1755   \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.

```

1756 \def\thesis@blocks@declaration{%
1757   \thesis@blocks@clear%
1758   \begin{alwaysingle}%
1759     \chapter*{\thesis@@{declarationTitle}}%
1760     \thesis@declaration%
1761     \vskip 2cm%
1762     \hfill\thesis@author%
1763     \par\vfill\noindent%
1764     \textbf{\thesis@@{advisorTitle}:} \thesis@advisor%
1765     \par\vfil%
1766   \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.

```
1767 \def\thesis@blocks@preamble{%
1768   \thesis@blocks@coverMatter
1769   \thesis@blocks@cover
1770   \thesis@blocks@titlePage
1771   \thesis@blocks@frontMatter
1772   \thesis@blocks@assignment
1773   \thesis@blocks@declaration
1774   \thesis@blocks@thanks
1775   \thesis@blocks@clearRight
1776   \thesis@blocks@abstract
1777   \thesis@blocks@keywords
1778   \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.

```
1779 \NeedsTeXFormat{LaTeX2e}
1780 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
1781 \thesis@color@setup{
1782   links={HTML}{20E366},
1783   tableEmph={HTML}{8EDEAA},
1784   tableOdd={HTML}{EDF7F1},
1785   tableEven={HTML}{CCEDD8}}
```

The file uses Czech locale strings within the macros.

```
1786 \thesis@requireLocale{czech}
```

The file loads the following packages:

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

```
1787 \thesis@require{tikz}
1788 \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.

```
1789 \ifx\thesis@type\thesis@bachelors\else
1790 \ifx\thesis@type\thesis@masters\else
1791   \thesis@blocks@assignment@false
1792 \fi\fi
```

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

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

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

```

1793 \def\thesis@blocks@bibEntry{%
1794   \begin{alwaysingle}%
1795   {% Start the new chapter without clearing the right page
1796   {\def\cleardoublepage{}}%
1797   \chapter*{\thesis@czech@bib@title}}%
1798   % Calculate the width of the columns
1799   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1800     \bf\thesis@czech@bib@author:}}
1801   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1802     \bf\thesis@czech@bib@thesisTitle:}}
1803   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1804     \bf\thesis@czech@bib@programme:}}
1805   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1806     \bf\thesis@czech@bib@field:}}
1807   % Unless this is a rigorous thesis, we will be typesetting the
1808   % name of the thesis advisor.
1809   \let\@E\relax\newlength{\@E}
1810   \ifx\thesis@type\thesis@rigorous%
1811     \setlength{\@E}{0pt}%
1812   \else%
1813     \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}}
1814   \fi%
1815   \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1816     \bf\thesis@czech@bib@academicYear:}}
1817   \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1818     \bf\thesis@czech@bib@pages:}}
1819   \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1820     \bf\thesis@czech@bib@keywords:}}
1821   \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1822   \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%

```

```

1823      max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1824      \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1825        \textwidth-\@left-\@skip}
1826      % Typeset the table
1827      \renewcommand{\arraystretch}{2}
1828      \noindent\begin{thesis@newtable@old}%
1829        {\@}p{\@left}{\hskip\@skip}p{\@right}{\@}}
1830      \textbf{\thesis@czech@bib@author:} &
1831      \noindent\parbox[t]{\@right}{
1832        \thesis@author\\
1833        \thesis@czech@facultyName,
1834        \thesis@czech@universityName\\
1835        \thesis@department
1836      }\\
1837      \textbf{\thesis@czech@bib@thesisTitle:}
1838      & \thesis@title \\
1839      \textbf{\thesis@czech@bib@programme:}
1840      & \thesis@programme \\
1841      \textbf{\thesis@czech@bib@field:}
1842      & \thesis@field \\
1843      % Unless this is a rigorous thesis, typeset the name of the
1844      % thesis advisor.
1845      \ifx\thesis@type\thesis@rigorous\else%
1846      \textbf{\thesis@czech@bib@advisor:}
1847      & \thesis@advisor \\
1848      \fi
1849      \textbf{\thesis@czech@bib@academicYear:}
1850      & \thesis@academicYear \\
1851      \textbf{\thesis@czech@bib@pages:}
1852      & \thesis@pages \\
1853      \textbf{\thesis@czech@bib@keywords:}
1854      & \thesis@Texkeywords \\
1855      \end{thesis@newtable@old}}
1856      \end{alwaysssingle}}

```

`\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 |

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

```

1857 \def\thesis@blocks@bibEntryEn{%
1858   {\thesis@selectLocale{english}
1859   \begin{alwaysssingle}
1860     % Start the new chapter without clearing the right page
1861     {\def\cleardoublepage{}%
1862     \chapter*{\thesis@english@bib@title}}%
1863     {% Calculate the width of the columns
1864     \let\@A\relax\newlength{\@A}\settowidth{\@A}{\{%
1865       \bf\thesis@english@bib@author:}}
1866     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\{%
1867       \bf\thesis@english@bib@thesisTitle:}}
1868     \let\@C\relax\newlength{\@C}\settowidth{\@C}{\{%
1869       \bf\thesis@english@bib@programme:}}
1870     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\{%
1871       \bf\thesis@english@bib@field:}}
1872     % Unless this is a rigorous thesis, we will be typesetting
1873     % the name of the thesis advisor.
1874     \let\@E\relax\newlength{\@E}
1875     \ifx\thesis@type\thesis@rigorous%
1876       \setlength{\@E}{0pt}%
1877     \else%
1878       \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1879     \fi%
1880     \let\@F\relax\newlength{\@F}\settowidth{\@F}{\{%
1881       \bf\thesis@english@bib@academicYear:}}
1882     \let\@G\relax\newlength{\@G}\settowidth{\@G}{\{%
1883       \bf\thesis@english@bib@pages:}}
1884     \let\@H\relax\newlength{\@H}\settowidth{\@H}{\{%
1885       \bf\thesis@english@bib@keywords:}}
1886     \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1887     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1888       max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1889     \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1890       \textwidth-\@left-\@skip}
1891     % Typeset the table
1892     \renewcommand{\arraystretch}{2}
1893     \noindent\begin{thesis@newtable@old}%
1894       {@{ }p{\@left}@{\hskip\@skip}p{\@right}@{}}
1895       \textbf{\thesis@english@bib@author:} &
1896       \noindent\parbox[t]{\@right}{
1897         \thesis@author\\
1898         \thesis@english@facultyName,
1899         \thesis@english@universityName\\
1900         \thesis@departmentEn
1901       }\\
1902       \textbf{\thesis@english@bib@thesisTitle:}
1903       & \thesis@titleEn \\

```

```

1904 \textbf{\thesis@english@bib@programme:}
1905 & \thesis@programmeEn \\
1906 \textbf{\thesis@english@bib@field:}
1907 & \thesis@fieldEn \\
1908 % Unless this is a rigorous thesis, typeset the name of the
1909 % thesis advisor.
1910 \ifx\thesis@type\thesis@rigorous\else%
1911 \textbf{\thesis@english@bib@advisor:}
1912 & \thesis@advisor \\
1913 \fi
1914 \textbf{\thesis@english@bib@academicYear:}
1915 & \thesis@academicYear \\
1916 \textbf{\thesis@english@bib@pages:}
1917 & \thesis@pages \\
1918 \textbf{\thesis@english@bib@keywords:}
1919 & \thesis@TeXkeywordsEn \\
1920 \end{thesis@newtable@old}}
1921 \end{alwaysssingle}
1922 }}

```

`\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.

```

1923 \def\thesis@blocks@frontMatter{%
1924 \pagestyle{empty}
1925 \parindent 1.5em
1926 \setcounter{page}{1}
1927 \pagenumbering{roman}}

```

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

```

1928 \def\thesis@blocks@cover{%
1929 \ifthesis@cover@
1930 \thesis@blocks@clear
1931 \begin{alwaysssingle}
1932 \thispagestyle{empty}
1933 \begin{center}
1934 {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1935 \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1936 \thesis@titlePage@large\thesis@department}
1937 \vfill
1938 {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1939 \vfill
1940 {\thesis@titlePage@large\thesis@place
1941 \thesis@year\hfill\thesis@author}
1942 \end{center}
1943 \end{alwaysssingle}
1944 \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.

```

1945 \def\thesis@blocks@titlePage{%
1946   \thesis@blocks@clear
1947   \begin{alwaysingle}
1948     \thispagestyle{empty}
1949     % The top of the page
1950     \begin{adjustwidth}{-12mm}{}
1951       \begin{minipage}{30mm}
1952         \thesis@blocks@universityLogo@color[width=30mm]
1953       \end{minipage}\begin{minipage}{89mm}
1954         \begin{center}
1955           {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1956             \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1957             \thesis@titlePage@normalsize\thesis@department}
1958           \rule{\textwidth}{2pt}\vspace*{2mm}
1959         \end{center}
1960       \end{minipage}\begin{minipage}{30mm}
1961         \thesis@blocks@facultyLogo@color[width=30mm]
1962       \end{minipage}
1963     \end{adjustwidth}
1964     % The middle of the page
1965     \vfill
1966     \parbox\textwidth{% Prevent vfills from squashing the leading
1967       \bf\thesis@titlePage@Huge\thesis@TeXtitle}
1968     {\thesis@titlePage@Huge\\[0.8em]}
1969     {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
1970     {\bf\thesis@titlePage@LARGE\thesis@author\\}
1971     \vfill\noindent
1972     % The bottom of the page
1973     {\bf\thesis@titlePage@normalsize%
1974       % Unless this is a rigorous thesis, typeset the name of the
1975       % thesis advisor.
1976       \ifx\thesis@type\thesis@rigorous\else%
1977         \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1978       \fi%
1979       \thesis@place\ \thesis@year}
1980   \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.

```

1981 \def\thesis@blocks@preamble{%
1982   \thesis@selectLocale{czech}%
1983   \thesis@blocks@coverMatter
1984   \thesis@blocks@cover
1985   \thesis@blocks@frontMatter
1986   \thesis@blocks@titlePage

```

```

1987 \thesis@blocks@clearRight
1988 \thesis@blocks@bibEntry
1989 \thesis@blocks@bibEntryEn
1990 \thesis@blocks@abstract
1991 \thesis@blocks@abstractEn
1992 \thesis@blocks@assignment
1993 \thesis@blocks@thanks
1994 \thesis@blocks@declaration
1995 \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.

```

1996 \NeedsTeXFormat{LaTeX2e}
1997 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

1998 \thesis@color@setup{
1999   links={HTML}{6FCEF2},
2000   tableEmph={HTML}{78CEF0},
2001   tableOdd={HTML}{EBF6FA},
2002   tableEven={HTML}{D0EBF5}}

```

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

```

2003 \thesis@blocks@titlePage@department@true
2004 \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.

```

2005 \def\thesis@blocks@preamble{%
2006   \thesis@blocks@coverMatter
2007   \thesis@blocks@cover
2008   \thesis@blocks@titlePage
2009   \thesis@blocks@frontMatter
2010   \thesis@blocks@declaration
2011   \thesis@blocks@thanks
2012   \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 require-

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

ments published at the website of the faculty⁴.

```
2013 \NeedsTeXFormat{LaTeX2e}
2014 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2015 \thesis@color@setup{
2016   links={HTML}{FFA02F},
2017   tableEmph={HTML}{FFBB6B},
2018   tableOdd={HTML}{FFF1E0},
2019   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.

```
2020 \thesis@blocks@titlePage@department@true
2021 \def\thesis@blocks@titlePage@content{%
2022   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2023   {\thesis@titlePage@large\sc\thesis@@{typeName}}\ll[0.3in]}
2024   {\thesis@titlePage@Large\bf\thesis@author}
2025   % Typeset the name of the thesis advisor.
2026   {\thesis@titlePage@large\ll[0.3in]
2027     {\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

```
2028 \def\thesis@blocks@bibEntry{%
2029   \chapter*{\thesis@@{bib@title}}
2030   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2031   \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
2032   \thesis@@{facultyName}, \thesis@department, \thesis@year.
2033   \thesis@pages\ \thesis@@{bib@pages}.
2034   \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.

```
2035 \def\thesis@blocks@preamble{%
2036   \thesis@blocks@coverMatter
2037   \thesis@blocks@cover
2038   \thesis@blocks@titlePage
2039   \thesis@blocks@frontMatter
2040   \thesis@blocks@bibEntry
2041   \thesis@blocks@clearRight
2042   \thesis@blocks@abstract}
```

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

```

2043 \thesis@blocks@abstractEn
2044 \thesis@blocks@keywords
2045 \thesis@blocks@keywordsEn
2046 \thesis@blocks@declaration
2047 \thesis@blocks@thanks
2048 \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.

```

2049 \NeedsTeXFormat{LaTeX2e}
2050 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2051 \thesis@color@setup{
2052   links={HTML}{58EDD7},
2053   tableEmph={HTML}{69D6C6},
2054   tableOdd={HTML}{E3F1EE},
2055   tableEven={HTML}{C5E3DF}}

```

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

```

2056 \def\thesis@blocks@frontMatter{%
2057   \pagestyle{plain}
2058   \parindent 1.5em
2059   \setcounter{page}{1}
2060   \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.

```

2061 \def\thesis@blocks@preamble{%
2062   \thesis@blocks@coverMatter
2063   \thesis@blocks@cover
2064   \thesis@blocks@titlePage
2065   \thesis@blocks@frontMatter
2066   \thesis@blocks@clearRight
2067   \thesis@blocks@abstract

```

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

```

2068 \thesis@blocks@abstractEn
2069 \thesis@blocks@keywords
2070 \thesis@blocks@keywordsEn
2071 \thesis@blocks@assignment
2072 \thesis@blocks@declaration
2073 \thesis@blocks@thanks
2074 \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.

```

2075 \NeedsTeXFormat{LaTeX2e}
2076 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2077 \thesis@color@setup{
2078   links={HTML}{CF86EB},
2079   tableEmph={HTML}{D39BE8},
2080   tableOdd={HTML}{F2EBF5},
2081   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.

```

2082 \def\thesis@blocks@cover@header{%
2083   {\sc\thesis@titlePage@Large\thesis@{facultyLongName}}\%
2084   \thesis@titlePage@large\thesis@department\\vskip 2em}}
2085 \let\thesis@blocks@titlePage@header=\thesis@blocks@cover@header

```

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

```

2086 \def\thesis@blocks@frontMatter{%
2087   \thesis@blocks@clear
2088   \pagestyle{plain}
2089   \parindent 1.5em
2090   \setcounter{page}{1}
2091   \pagenumbering{arabic}}

```

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

`\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.

```
2092 \def\thesis@blocks@mainMatter{%
2093   \thesis@blocks@clear
2094   \pagestyle{thesisheadings}
2095   \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.

```
2096 \def\thesis@blocks@preamble{%
2097   \thesis@blocks@coverMatter
2098   \thesis@blocks@cover
2099   \thesis@blocks@titlePage
2100   \thesis@blocks@frontMatter
2101   \thesis@blocks@declaration
2102   \thesis@blocks@clearRight
2103   \thesis@blocks@abstract
2104   \thesis@blocks@abstractEn
2105   \thesis@blocks@keywords
2106   \thesis@blocks@keywordsEn
2107   \thesis@blocks@thanks
2108   \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.

```
2109 \def\thesis@blocks@postamble{%
2110   \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.

```
2111 \NeedsTeXFormat{LaTeX2e}
2112 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2113 \thesis@color@setup{
2114   links={HTML}{F27995},
2115   tableEmph={HTML}{E8B88B},
2116   tableOdd={HTML}{F5ECEB},
2117   tableEven={HTML}{EBD8D5}}
```

The file loads the following packages:

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

- 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.

```
2118 \thesis@require{tikz}
2119 \thesis@require{geometry}
2120 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2121 \def\thesis@blocks@cover{%
2122   \ifthesis@cover@
2123     \thesis@blocks@clear
2124     \begin{alwaysingle}
2125       \thispagestyle{empty}
2126       \begin{center}
2127         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\%
2128         \thesis@titlePage@Large\thesis@{facultyName}}\%
2129         \vfill
2130         {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2131         \vfill
2132         {\thesis@titlePage@large\thesis@place
2133          \ \thesis@year\hfill\thesis@author}
2134       \end{center}
2135     \end{alwaysingle}
2136   \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.

```
2137 \thesis@blocks@titlePage@field@true
2138 \def\thesis@blocks@titlePage@content{%
2139   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2140   \ifthesis@english\else
2141     {\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2142   \fi {\[0.3in]\thesis@titlePage@large\sc\thesis@{typeName}}\%
2143 \def\thesis@blocks@titlePage@footer{%
2144   {\thesis@titlePage@large
2145     {% Calculate the width of the thesis author and advisor boxes
2146       \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2147         \bf\thesis@{advisorTitle}:}}
2148     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2149     \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2150       \bf\thesis@{authorTitle}:}}
2151     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
```

```

2152 \let\left\relax\newlength{\left}\pgfmithsetlength{\left}{%
2153     max(\@A,\@B)}
2154 \let\right\relax\newlength{\right}\pgfmithsetlength{\right}{%
2155     max(\@C,\@D)}
2156 % Typeset the thesis author and advisor boxes
2157 \vskip 2in\begin{minipage}[t]{\left}
2158     {\bf\thesis@{advisorTitle}:}\thesis@advisor
2159 \end{minipage}\hfill\begin{minipage}[t]{\right}
2160     {\bf\thesis@{authorTitle}:}\thesis@author
2161 \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.

```

2162 \def\thesis@blocks@frontMatter{%
2163     \thesis@blocks@clear
2164     % In case of double-sided typesetting, change the geometry
2165     \ifthesis@twoside@
2166         \newgeometry{top=25mm,bottom=20mm,left=35mm,
2167             right=15mm, includeheadfoot}
2168     \fi\pagestyle{empty}
2169     \parindent 1.5em
2170     \setcounter{page}{1}
2171     \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.

```

2172 \def\thesis@blocks@mainMatter{%
2173     \thesis@blocks@clear
2174     \pagestyle{thesisheadings}
2175     \parindent 1.5em\relax}

```

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

```

2176 \def\thesis@blocks@toc{%
2177     \thesis@blocks@clear%
2178     \tableofcontents}

```

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

```

2179 \def\thesis@blocks@tables{%
2180     \thesis@blocks@clear%
2181     \thesis@blocks@lot%
2182     \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.

```

2183 \ifx\thesis@blocks@lot\empty\else
2184   \def\thesis@blocks@lot{%
2185     \thesis@blocks@clear
2186     \phantomsection
2187     \addcontentsline{toc}{chapter}{\listtablename}%
2188     \listoftables}
2189 \fi
2190
2191 \ifx\thesis@blocks@lof\empty\else
2192   \def\thesis@blocks@lof{%
2193     \thesis@blocks@clear
2194     \phantomsection
2195     \addcontentsline{toc}{chapter}{\listfigurename}%
2196     \listoffigures}
2197 \fi

```

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

```

2198 \def\thesis@blocks@preamble{%
2199   \thesis@blocks@coverMatter
2200   \thesis@blocks@cover
2201   \thesis@blocks@frontMatter
2202   \thesis@blocks@titlePage
2203   \thesis@blocks@assignment
2204   \thesis@blocks@clearRight
2205   \thesis@blocks@abstract
2206   \thesis@blocks@abstractEn
2207   \thesis@blocks@keywords
2208   \thesis@blocks@keywordsEn
2209   \thesis@blocks@declaration
2210   \thesis@blocks@thanks
2211   \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.

```

2212 \def\thesis@blocks@postamble{%
2213   \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.

```

2214 \NeedsTeXFormat{LaTeX2e}
2215 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2015/12/08]

```

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

The file defines the color scheme of the respective faculty.

```
2216 \thesis@color@setup{
2217   links={HTML}{F58E76},
2218   tableEmph={HTML}{FF9D85},
2219   tableOdd={HTML}{FFF5F6},
2220   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.

```
2221 \thesis@require{tikz}
2222 \thesis@require{geometry}
2223 \thesis@require{setspace}
2224 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2225 \def\thesis@blocks@cover{%
2226   \ifthesis@cover@
2227     \thesis@blocks@clear
2228     \begin{alwaysssingle}
2229       \thispagestyle{empty}
2230       \begin{center}
2231         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\\
2232         \thesis@titlePage@Large\thesis@@{facultyName}\\
2233         \vfill
2234         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2235         \vfill
2236         {\thesis@titlePage@large\thesis@place
2237          \ \thesis@year\hfill\thesis@author}
2238       \end{center}
2239     \end{alwaysssingle}
2240   \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.

```
2241 \def\thesis@blocks@titlePage@content{%
2242   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
2243   {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}}
2244 \def\thesis@blocks@titlePage@footer{%
2245   {\thesis@titlePage@large
```



```

2246 {% Calculate the width of the thesis author and advisor boxes
2247 \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2248 \bf\thesis@{advisorTitle}:}}
2249 \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2250 \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2251 \bf\thesis@{authorTitle}:}}
2252 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2253 \let\@E\relax\newlength{\@E}\settowidth{\@E}{%
2254 \bf\thesis@{fieldTitle}:}}
2255 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
2256 \let\@left\relax\newlength{\@left}\pgfmithsetlength{\@left}{%
2257 max(\@A,\@B)}
2258 \let\@right\relax\newlength{\@right}\pgfmithsetlength{\@right}{%
2259 max(\@C,\@D,\@E,\@F)}
2260 % Typeset the thesis author and advisor boxes
2261 \vskip 2in\begin{minipage}[t]{\@left}
2262 {\bf\thesis@{advisorTitle}:}\thesis@advisor
2263 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2264 {\bf\thesis@{authorTitle}:}\thesis@author
2265 \ll[1em]{\bf\thesis@{fieldTitle}:}\thesis@field
2266 \end{minipage}}\ll[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.

```

2267 \def\thesis@blocks@frontMatter{%
2268 \thesis@blocks@clear
2269 % In case of double-sided typesetting, change the geometry
2270 \ifthesis@twoside@
2271 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2272 right=15mm, includeheadfoot}
2273 \fi\pagestyle{empty}
2274 \parindent 1.5em
2275 \setcounter{page}{1}
2276 \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.

```

2277 \def\thesis@blocks@mainMatter{%
2278 \thesis@blocks@clear
2279 \setcounter{page}{1}
2280 \pagenumbering{arabic}
2281 \pagestyle{thesisheadings}
2282 \parindent 1.5em
2283 \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

```

2284 \def\thesis@blocks@bibEntry{%
2285   \chapter*{\thesis@{bib@title}}
2286   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2287   \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2288   \thesis@{facultyName}, \thesis@department, \thesis@year.
2289   \thesis@pages\ \thesis@{bib@pages}.
2290   \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.

```

2291 \def\thesis@blocks@preamble{%
2292   \thesis@blocks@coverMatter
2293   \thesis@blocks@cover
2294   \thesis@blocks@frontMatter
2295   \thesis@blocks@titlePage
2296   \onehalfspacing
2297   \thesis@blocks@clearRight
2298   \thesis@blocks@abstract
2299   \thesis@blocks@abstractEn
2300   \thesis@blocks@keywords
2301   \thesis@blocks@keywordsEn
2302   \thesis@blocks@bibEntry
2303   \thesis@blocks@declaration
2304   \thesis@blocks@thanks
2305   \thesis@blocks@tables}

```

3.6.11 The style files of the Faculty of Sports Studies

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

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty⁹.

```

2306 \NeedsTeXFormat{LaTeX2e}
2307 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2308 \thesis@color@setup{
2309   links={HTML}{93BCF5},
2310   tableEmph={HTML}{A8BDE3},
2311   tableOdd={HTML}{EBEFF5},
2312   tableEven={HTML}{D1DAEB}}

```

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

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

```
2313 \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.

```
2314 \def\thesis@blocks@preamble{%
2315   \thesis@blocks@coverMatter
2316   \thesis@blocks@cover
2317   \thesis@blocks@titlePage
2318   \thesis@blocks@frontMatter
2319   \thesis@blocks@declaration
2320   \thesis@blocks@thanks
2321   \thesis@blocks@tables}
```

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Change History

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

	added PDF metadata stamping support [VN]	1		of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN]	1
v0.3.02	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN]	1	v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [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	v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)	
				Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17)	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	v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN]	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	v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packaged listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN]	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		v0.3.11	General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths.	

	Accounted for French spacing in the guide. Fixed the <code>\thesis@english@facultyName</code> string. Documentation refinements. [VN] 1	
v0.3.12	General: The subsections and sub-subsections now use the correct <code>tocdepth</code> . [VN] 1	
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous <code>\thesis@blocks@clear</code> block withing the definition of <code>\thesis@blocks@frontMatter</code> in the <code>fss</code> style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the <code>med</code> and <code>ped</code> style files. Fixed a typo within the technical documentation. Fixed the <code>twoside</code> alignment of the <code>\thesis@blocks@bibEntry</code> and the <code>\thesis@blocks@bibEntryEn</code> blocks within the <code>sci</code> style file. The <code>\thesis@blocks@assignment</code> block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the <code>\ifthesis@blocks@assignment</code> conditional can be set either by the subsequently loaded style files or by the user. So far, only the <code>fi</code> and <code>sci</code> style files set the conditional. [VN] 1	to a new <code>\thesis@requireStyle</code> macro to make the semantics of <code>\thesis@requireLocale</code> and <code>\thesis@requireStyle</code> more similar. Changed the <code>basepath</code> , <code>logopath</code> , <code>localepath</code> and <code>stylepath</code> keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] 1
		v0.3.16
		General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN] 1
		v0.3.17
		General: Changed a forgotten <code>\thesis@@lower{...}</code> invocation in the definition of <code>\thesis@czech@declaration</code> for the Faculty of Arts into <code>\thesis@@lower{czech...}</code> , so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] . . . 1
		v0.3.18
		General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output <code>fithesis3.ctan.zip</code> archive. Updated the license notice. Added a 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
v0.3.14	General: Updated the documentation. [VN] 1	
v0.3.15	General: Renamed <code>\thesis@requireStyle</code> to <code>\thesis@requireWithOptions</code> and moved the style loader from the <code>\thesis@load</code> routine	

	<p><code>fithesis.dtx</code> file now generates a <code>VERSION.tex</code> file containing the version of the package, when it's being typeset. Flattened the <code>logo/</code> directory structure. [VN] 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>, 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>	
v0.3.20	<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>	
v0.3.21	<p>General: Fixed an invalid font name. [VN] 1</p>	
v0.3.22	<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>	
		v0.3.23
		<p>General: Fixed a typo in the Slovak locale. [VN] 1</p>
		v0.3.24
		<p>General: Added the <code>\thesis@backend</code> tunable. The hyphenation pattern switching now uses <code>polyglossia</code> instead of crude <code>\language</code> switching whenever possible. Added the opt-out microtype class option, which loads the microtypographic extension. The <code>\thesis@locale@summer</code> and <code>@winter</code> locale macros were renamed to <code>@spring</code> and <code>@fall</code>. The <code>\thesis@parseDate</code> now uses more realistic month ranges to set <code>\thesis@season</code> and <code>\thesis@academicYear</code>. Removed the extraneous indent in the <code>\thesis@blocks@declaration</code> macro definition within the <code>style/mu/fithesis-fi.sty</code> style file. <code>\paragraphs</code> are not included in the table of contents by default. The table class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the <code>style/mu/fithesis-econ.sty</code> style file. [VN] 1</p>
		v0.3.25
		<p>General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] .. 1</p>
		v0.3.26
		<p>General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code>. [VN] 1</p>
		v0.3.27:1
		<p>General: Fixed a typo in the guide. Added a compatibility layer for <code>\title</code>, <code>\author</code>, and</p>

\maketitle. Minor changes of the documentation. [VN]	1		
v0.3.27:2			
General: \thesis@selectLocale is no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \language name differs from \thesis@locale). Instead, \thesis@preamble and @postamble now locally switch the locale and expand \thesis@blocks@preamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files. [VN]	1		
v0.3.27:3			
General: As a preparation for the future inclusion of bibliography support, the csquotes package is loaded, @csquotesStyle is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style. [VN]	1		
v0.3.27:4			
General: \thesis@english@declaration now uses the correct idiom (by one's own → on one's own). [VN]	1		
v0.3.27:5			
General: The PDF bookmarks are no longer garbled, when the Lua _{TeX} engine is used. [VN] . . .	1		
v0.3.28:1			
General: The draft option has no longer an effect on the			
		microtype package. The \thesis@require command now also takes an optional argument and the \thesis@require-WithOption command has become \thesis@require-IfExists. [VN]	1
v0.3.28:2			
General: If the thesis locale and the document locale is the same (the default behaviour), the \thesis@selectLocale macro is applied globally at the beginning of the document. As a result, the csquotes style is 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		
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		
v0.3.29:3			
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		
v0.3.30			
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 $n - 1$	1		