

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

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## Abstract

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

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## 1 Required classes and packages

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

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

The class also requires the following packages:

- `keyval` – Adds support for parsing comma-delimited lists of key-value pairs.
- `etoolbox` – Adds support for expanding code after the preamble using the `\AtPreamble` hook.
- `ltxcmds` – Implements several commands from the  $\LaTeX$  kernel. Used for the `\ltx@ifpackageloaded` command, which – unlike its `\@ifpackageloaded` counterpart – can be used outside the preamble.
- `ifxetex` – Used to detect the  $X_{\text{E}}\text{TeX}$  engine.
- `ifluatex` – Used to detect the  $\text{Lua}\text{TeX}$  engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the  $X_{\text{E}}\text{TeX}$  and  $\text{Lua}\text{TeX}$  engines.

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

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

## 2 Public API

### 2.1 Options

Any `[<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 3.5

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 3.5.2.2.

## 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  $\text{\LaTeX}$  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<sup>A</sup>T<sub>E</sub>X `\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>
Seminar paper	sem
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@sempaper`, `\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@sempaper
\thesis@bachelors
\thesis@masters
\thesis@doctoral
\thesis@rigorous
101 \def\thesis@sempaper{sem}
102 \def\thesis@bachelors{bc}
103 \def\thesis@masters{mgr}
104 \def\thesis@doctoral{d}
105 \def\thesis@rigorous{r}
106 \let\thesis@type\thesis@bachelors
107 \define@key{thesis}{type}{%
108   \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.

```

109 \def\thesis@university{mu}
110 \define@key{thesis}{university}{%
111   \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`.

```

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

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```
127 \thesis@def{field}
```

```

128 \define@key{thesis}{field}{%
129   \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.

```

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

```

133 \def\thesis@universityLogo{fithesis-base}
134 \define@key{thesis}{universityLogo}{%
135   \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.

```

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

```

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

The `{\style=filename}` pair sets the filename of the style file to be used to *filename*. The *filename* is stored within the `\thesis@style` macro, whose implicit value is `\thesis@university/fithesis-\thesis@faculty`. When the *filename* is an empty token string, no style files will be loaded during the main routine (see Section 2.4).

```

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

```

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

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

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

### `\thesis@locale` 2.2.22 The `locale` key

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

```
152 \def\thesis@locale{%
153   % Babel / polyglossia detection
154   \ifx\language\undefined
155     english\else\language\fi}
156 \define@key{thesis}{locale}{%
157   \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.

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

```

168     false%
169 \fi\endcsname}

```

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

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

```

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

```

## 2.2.24 The date key

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

\thesis@parseDate		
\thesis@date		
\thesis@year	• \thesis@date – The entire <i>date</i>	• \thesis@month – The MM of <i>date</i>
\thesis@month	• \thesis@year – The YYYY of <i>date</i>	• \thesis@day – The DD of <i>date</i>
\thesis@day		
\thesis@season	• \thesis@season – Expands to either:	
	– spring if $2 < \text{MM} < 9$ ,	
	– fall if $\text{MM} \leq 2$ or $\text{MM} \geq 9$ .	
\thesis@seasonYear	• \thesis@seasonYear – The year of the given semester:	
	– YYYY – 1 if $\text{MM} \leq 2$ .	
	– YYYY if $\text{MM} > 2$	
\thesis@academicYear	• \thesis@academicYear – The academic year of the given semester:	
	– YYYY – 1/YYYY if $\text{MM} < 9$ .	
	– YYYY/YYYY + 1 if $\text{MM} \geq 9$	

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

```

180 \def\thesis@parseDate#1/#2/#3|{{
181   % Set the basic macros
182   \gdef\thesis@date{#1/#2/#3}%
183   \gdef\thesis@year{#1}%
184   \gdef\thesis@month{#2}%
185   \gdef\thesis@day{#3}%
186
187   % Set the season
188   \newcount\@month\expandafter\@month\thesis@month\relax
189   \ifnum\@month>8\gdef\thesis@season{fall}
190   \else\ifnum\@month<3\gdef\thesis@season{fall}
191   \else \gdef\thesis@season{spring}
192   \fi\fi
193
194   % Set the academic year
195   \newcount\@year\expandafter\@year\thesis@year\relax
196   \ifnum\@month>8%
197     \edef\@yearA{\the\@year}%
198     \advance\@year 1\edef\@yearB{\the\@year}%
199     \advance\@year-1
200   \else
201     \advance\@year-1\edef\@yearA{\the\@year}%
202     \advance\@year 1\edef\@yearB{\the\@year}%
203   \fi
204   \global\edef\thesis@academicYear{\@yearA/\@yearB}
205
206   % Set the season year
207   \ifnum\@month>2\else
208     \advance\@year-1
209   \fi
210   \global\edef\thesis@seasonYear{\the\@year}}
211
212 \edef\thesis@date{\the\year/\the\month/\the\day}%
213 \expandafter\thesis@parseDate\thesis@date|
214
215 \define@key{thesis}{date}{{}%
216   \edef\@date{#1}%
217   \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.

```

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

```

```
220 \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<sup>A</sup>T<sub>E</sub>X `\title` macro also sets this key.

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

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

```
225 \let\maketitle\relax
```

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

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

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

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

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

The `{\TeXtitleEn=title}}` pair sets the English T<sub>E</sub>X 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`.

```
232 \def\thesis@TeXtitleEn{\thesis@titleEn}
233 \define@key{thesis}{TeXtitleEn}{%
234   \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.

```
235 \thesis@def{keywords}  
236 \define@key{thesis}{keywords}{%  
237   \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.

```
238 \def\thesis@TeXkeywords{\thesis@keywords}  
239 \define@key{thesis}{TeXkeywords}{%  
240   \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.

```
241 \thesis@def{keywordsEn}  
242 \define@key{thesis}{keywordsEn}{%  
243   \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.

```
244 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}  
245 \define@key{thesis}{TeXkeywordsEn}{%  
246   \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.

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

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

```
253 \thesis@def{advisor}  
254 \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.

```
255 \long\def\KV@thesis@thanks#1{%  
256   \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.

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

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

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

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

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

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

## `\ifthesis@auto` 2.2.40 The `autoLayout` key

The `{\autoLayout=bool}` pair either enables, if *bool* is true or unspecified, or disables autolayout. Autolayout injects the `\thesis@preamble` and `\thesis@postamble` macros at the beginning and at the end of the document, respectively. The setting can be tested using the `\ifthesis@auto ... \else ... \fi` conditional. The autolayout is enabled by default.

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

```
270 \def\thesis@preamble{%
271   {\thesis@selectLocale{\thesis@locale}%
272     \thesis@blocks@preamble\clearpage}
273   \thesis@blocks@mainMatter}
274
275 \def\thesis@postamble{%
276   \thesis@selectLocale{\thesis@locale}%
277   \thesis@blocks@postamble}}
278
279 \let\thesis@blocks@preamble\relax
280 \let\thesis@blocks@postamble\relax
281 \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`

```

282 \long\def\thesislong#1#2{%
283   \csname KV@thesis@#1\endcsname{#2}}

```

## 2.4 The \thesisload macro

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

```

284 \newif\ifthesis@loaded\thesis@loadedfalse
285 \BeforeBeginEnvironment{document}{\thesisload}
286 \def\thesis@load{\thesisload}
287 \def\thesisload{%
288   \ifthesis@loaded\else
289     \thesis@loadedtrue
290     \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.

```

291   \ifx\thesis@locale\empty\else
292     \edef\thesis@locale{\thesis@locale}
293     \thesis@requireLocale{\thesis@locale}
294   \fi

```

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

```

295   \ifluatex
296     \ltx@ifpackageloaded{babel}{}{
297       % See <article.gmane.org/gmane.comp.tex.luatex.user/5680>
298       \RequirePackage[base]{babel}}
299   \fi

```

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

```

300   \ifx\thesis@style\empty\else
301     \thesis@requireStyle{\thesis@style}
302   \fi

```

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

```

303   \ifx\languagename\empty\else
304     \begingroup
305     \edef\@doclocale{\languagename}%
306     \ifx\@doclocale\thesis@locale
307       \endgroup
308     \AtBeginDocument{%

```

```

309         \thesis@selectLocale{\thesis@locale}}%
310     \else
311         \endgroup
312     \fi
313 \fi

```

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

- Title is set to `\thesis@title`.
- Author is set to `\thesis@author`.
- Keywords is set to `\thesis@keywords`.
- Creator is set to `2016/05/15 v0.3.38 fithesis3 MU thesis class`.

```

314     \thesis@require{hyperref}
315     \hypersetup{
316         unicode=true,
317         pdfencoding=auto,
318         pdftitle=\thesis@title,
319         pdfauthor=\thesis@author,
320         pdfkeywords=\thesis@keywords,
321         pdfcreator=\thesis@version}

```

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

```

322     \ifthesis@auto
323         \AtBeginDocument{\thesis@preamble}
324         \AtEndDocument{%
325             \thesis@postamble
326             \write\@auxout{\noexpand\gdef\noexpand\thesis@pages{\thepage}}}
327     \fi
328     \makeatother
329 \fi}

```

## 3 Private API

### 3.1 File manipulation macros

`\thesis@exists` The `\thesis@exists{<file>}{<tokens>}` macro is used to test for the existence of a given *file*. If the *file* exists, the macro expands to *tokens*. Otherwise, a class warning is written to the output.

```

330 \def\thesis@exists#1#2{%
331     \IfFileExists{#1}{#2}{%
332         \ClassWarning{fithesis3}{File #1 doesn't exist}}}

```

<code>\thesis@input</code>	<p>The <code>\thesis@input{&lt;file&gt;}</code> macro inputs the given <i>file</i>, if it exists.</p> <pre> 333 \def\thesis@input#1{% 334   \thesis@exists{#1}{\input{#1}} </pre>
<code>\thesis@require</code>	<p>The <code>\thesis@require[&lt;options&gt;]{&lt;package&gt;}</code> expands to <code>\RequirePackage[&lt;options&gt;]{&lt;package&gt;}</code>, if the specified <i>package</i> has not yet been loaded.</p> <pre> 335 \newcommand\thesis@require[2][{}]{% 336   \ifpackageloaded{#2}{\RequirePackage[#1]{#2}} </pre>
<code>\thesis@requireIfExists</code>	<p>The <code>\thesis@requireIfExists[&lt;options&gt;]{&lt;package&gt;}</code> expands to <code>\thesis@require[&lt;options&gt;]{&lt;package&gt;}</code>, if the specified <i>package</i> exists and has not yet been loaded.</p> <pre> 337 \newcommand\thesis@requireIfExists[2][{}]{% 338   \thesis@exists{#2.sty}{\thesis@require[#1]{#2}} </pre>
<code>\thesis@requireStyle</code>	<p>If inheritance is enabled for style files, then the <code>\thesis@requireStyle{&lt;style&gt;}</code> macro sequentially loads each of the following files, provided they exist:</p> <ol style="list-style-type: none"> <li>1. <code>\thesis@stylepath fithesis-base.sty</code></li> <li>2. <code>\thesis@stylepath\thesis@university/fithesis-base.sty</code></li> <li>3. <code>\thesis@stylepath style.sty</code></li> </ol> <p>If inheritance is disabled for style files, then only the last listed file is loaded. The <code>fithesis-</code> prefix serves to prevent package clashes with other similarly named package files within the T<sub>E</sub>X directory structure.</p> <pre> 339 \def\thesis@requireStyle#1{% 340   \ifthesis@style@inheritance 341     \thesis@requireIfExists{\thesis@stylepath fithesis-base}% 342     \thesis@requireIfExists{\thesis@stylepath\thesis@university 343       /fithesis-base} 344   \fi 345   \thesis@requireIfExists{\thesis@stylepath#1} </pre>
<code>\thesis@requireLocale</code>	<p>If inheritance is enabled for style files, then the <code>\thesis@requireLocale{&lt;locale&gt;}</code> macro sequentially loads each of the following locale files, provided they exist:</p> <ol style="list-style-type: none"> <li>1. <code>\thesis@localepath fithesis-locale.def</code></li> <li>2. <code>\thesis@localepath\thesis@university/fithesis-locale.def</code></li> <li>3. <code>\thesis@localepath\thesis@university/\thesis@faculty/fithesis-locale.def</code></li> </ol> <p>If inheritance is disabled for locale files, then only the first listed file is loaded. The <code>fithesis-</code> prefix serves to prevent clashes with other similarly named files within the T<sub>E</sub>X directory structure. To prevent undesirable side effects from locale files being loaded multiple times, the <code>\thesis@locale@required</code> macro is defined as a flag, which prevents future invocations with the same <i>locale</i>. The macro can be used within both locale and style files, although the usage within locale files is strongly discouraged to prevent circular dependencies.</p>



macro to the lower- or uppercase, `\thesis@@lower{name}` or `\thesis@@upper{name}` would be used, respectively. The *name* gets fully expanded and can therefore contain active characters and command sequences.

```
373 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
374 \def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}}
```

`\thesis@head`    The `\thesis@head` and `\thesis@tail` macros are used for retrieving the head or  
`\thesis@tail`    the tail of space-separated token sequences that end with `\relax`.

```
375 \def\thesis@head#1 #2{%
376   \ifx\relax#2%
377     \expandafter\@gobbletwo
378   \else
379     \ #1%
380   \fi
381   \thesis@head#2}%
382 \def\thesis@tail#1 #2{%
383   \ifx\relax#2%
384     #1%
385     \expandafter\@gobbletwo
386   \fi
387   \thesis@tail#2}%
```

### 3.3 General purpose macros

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

```
388 \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.

```
389 \def\thesis@selectLocale#1{%
390   \edef\thesis@locale{#1}%
391   \ltx@ifpackageloaded{csquotes}{%
392     \csq@setstyle{\thesis@@{csquotesStyle}}%
393   }{}%
394   \ltx@ifpackageloaded{polyglossia}{%
395     \selectlanguage{\thesis@locale}
396   }{%
397     \language\csname l@\thesis@locale\endcsname
398   }}
```

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

delimited *versions*. This macro enables the simple deployment of version-targeted patches.

```

399 \def\thesis@patch#1#2{%
400   \def\thesis@patch@versions{#1}%
401   \def\thesis@patch@action{#2}%
402   \def\thesis@patch@next##1,{%
403     \def\thesis@patch@arg{##1}%
404     \def\thesis@patch@relax{\relax}%
405     \ifx\thesis@patch@arg\thesis@version@number
406       \def\thesis@patch@next###1\relax,{}%
407       \expandafter\thesis@patch@action
408       \expandafter\thesis@patch@next
409     \else\ifx\thesis@patch@arg\thesis@patch@relax\else
410       \expandafter\expandafter\expandafter\thesis@patch@next
411     \fi\fi}%
412   \expandafter\expandafter\expandafter\thesis@patch@next
413   \expandafter\thesis@patch@versions\expandafter,\relax,}

```

### 3.4 Locale files

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

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

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

#### 3.4.1 Interface

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

- `\thesis@locale@csquotesStyle` – The name of the style of the csquotes package that matches this locale
- `\thesis@locale@universityName` – The name of the university
- `\thesis@locale@facultyName` – The name of the faculty
- `\thesis@locale@assignment` – The instructions to replace the current page with the official thesis assignment
- `\thesis@locale@declaration` – The thesis declaration text



- `\thesis@locale@fieldTitle` – The title of the field of study entry
- `\thesis@locale@advisorTitle` – The title of the advisor entry
- `\thesis@locale@authorTitle` – The title of the author entry
- `\thesis@locale@abstractTitle` – The title of the abstract section
- `\thesis@locale@keywordsTitle` – The title of the keywords section
- `\thesis@locale@thanksTitle` – The title of the 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.

### 3.4.2 English locale files

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

This is the base file of the English locale.

```
414 \ProvidesFile{fithesis/locale/fithesis-english.def}[2016/03/22]
```

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

```
415
416 % Placeholders
417 \gdef\thesis@english@universityName{University name}
418 \gdef\thesis@english@facultyName{Faculty name}
419 \gdef\thesis@english@assignment{Replace this page with a copy
420   of the official signed thesis assignment.}
421 \gdef\thesis@english@declaration{Declaration text ...}
422
423 % Csquotes style
424 \gdef\thesis@english@csquotesStyle{english}
425
426 % Time strings
427 \gdef\thesis@english@spring{Spring}
428 \gdef\thesis@english@fall{Fall}
429 \gdef\thesis@english@semester{%
430   \thesis@{english@\thesis@season} \thesis@seasonYear}
431
432 % Miscellaneous
433 \gdef\thesis@english@fieldTitle{Field of study}
```

```

434 \gdef\thesis@english@advisorTitle{Advisor}
435 \gdef\thesis@english@authorTitle{Author}
436 \gdef\thesis@english@abstractTitle{Abstract}
437 \gdef\thesis@english@keywordsTitle{Keywords}
438 \gdef\thesis@english@thanksTitle{Acknowledgement}
439 \gdef\thesis@english@declarationTitle{Declaration}
440 \gdef\thesis@english@idTitle{ID}
441 \gdef\thesis@english@typeName{%
442   \ifx\thesis@type\thesis@sempaper
443     Seminar Paper%
444   \else\ifx\thesis@type\thesis@bachelors
445     Bachelor's Thesis%
446   \else\ifx\thesis@type\thesis@masters
447     Master's Thesis%
448   \else\ifx\thesis@type\thesis@doctoral
449     Doctoral Thesis%
450   \else\ifx\thesis@type\thesis@rigorous
451     Rigorous Thesis%
452   \else
453     <<Unknown thesis type (\thesis@type)>>%
454   \fi\fi\fi\fi\fi}

```

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

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

```

455 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2016/03/22]
456 \gdef\thesis@english@universityName{Masaryk University}
457 \gdef\thesis@english@declaration{%
458   Hereby I declare that this paper is my original authorial work,
459   which I have worked out on my own. All sources, references, and
460   literature used or excerpted during elaboration of this work are
461   properly cited and listed in complete reference to the due source.}
462
463 % Bibliographic entry
464 \gdef\thesis@english@bib@title{Bibliographic record}
465 \gdef\thesis@english@bib@pages{p}
466
467 % Miscellaneous
468 \gdef\thesis@english@idTitle{UČO}

```

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

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

```

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

```

```

470 \gdef\thesis@english@facultyName{Faculty of Law}
471 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
472 Masaryk University}

```

#### 3.4.2.4 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.

```

473 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
474
475 % Placeholders
476 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
477
478 % Miscellaneous
479 \gdef\thesis@english@fieldTitle{Specialization}

```

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

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

```

480 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]
481
482 % Placeholders
483 \gdef\thesis@english@facultyName{Faculty of Social Studies}
484 \gdef\thesis@english@assignment{Replace this page with a copy
485 of the official signed thesis assignment or the copy of the
486 Statement of an Author or both, depending on the requirements of
487 the respective department.}

```

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

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

```

488 \ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2015/06/26]
489 \gdef\thesis@english@facultyName{Faculty of Economics
490 and Administration}

```

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

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

```

491 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2016/03/23]
492
493 % Miscellaneous
494 \gdef\thesis@english@abstractTitle{Annotation}
495
496 % Placeholders
497 \gdef\thesis@english@facultyName{Faculty of Medicine}

```

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

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

```

498 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
499
500 % Placeholders
501 \gdef\thesis@english@facultyName{Faculty of Informatics}
502 \gdef\thesis@english@assignment{Replace this page with a copy
503   of the official signed thesis assignment and the copy of the
504   Statement of an Author.}
505
506 % Others
507 \gdef\thesis@english@advisorSignature{Signature of Thesis
508   \thesis@english@advisorTitle}

```

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

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

```

509 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2016/03/22]
510 \gdef\thesis@english@facultyName{Faculty of Arts}
511 \gdef\thesis@english@departmentName{%
512   \ifx\thesis@department\thesis@departments@kisk
513     Division of Information and Library Studies%
514   \else
515     <<Unknown department (\thesis@department)>>%
516   \fi}

```

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

This is the Slovak locale file specific to the Faculty of Education at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value. The file also defines the `bib@title` and `bib@pages` strings required by the

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

```
517 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2016/03/22]
518
519 % Placeholders
520 \gdef\thesis@english@facultyName{Faculty of Education}
```

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

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

```
521 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2016/03/23]
522
523 % Placeholders
524 \gdef\thesis@english@facultyName{Faculty of Science}
525
526 % Miscellaneous
527 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
528
529 % Bibliographic entry
530 \global\let\thesis@english@bib@author\thesis@english@authorTitle
531 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
532 \gdef\thesis@english@bib@programme{Degree Programme}
533 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
534 \gdef\thesis@english@bib@advisor{Supervisor}
535 \gdef\thesis@english@bib@academicYear{Academic Year}
536 \gdef\thesis@english@bib@pages{Number of Pages}
537 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle
```

### 3.4.3 Czech locale files

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

This is the base file of the Czech locale.

```
538 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2016/03/22]
```

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.

```
539
540 % Pomocná makra
```

```

541 \gdef\thesis@czech@gender@koncovka{%
542   \ifthesis@woman a\fi}
543
544 % Csquotes styl
545 \gdef\thesis@czech@csquotesStyle{german}
546
547 % Zástupné texty
548 \gdef\thesis@czech@universityName{Název univerzity}
549 \gdef\thesis@czech@facultyName{Název fakulty}
550 \gdef\thesis@czech@assignment{Místo tohoto listu vložte kopii
551   oficiálního podepsaného zadání práce.}
552 \gdef\thesis@czech@declaration{Text prohlášení ...}
553
554 % Časové údaje
555 \gdef\thesis@czech@spring{jaro}
556 \gdef\thesis@czech@fall{podzim}
557 \gdef\thesis@czech@semester{%
558   \thesis@{czech@\thesis@season} \thesis@seasonYear}
559
560 % Různé
561 \gdef\thesis@czech@fieldTitle{Obor}
562 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
563 \gdef\thesis@czech@authorTitle{Autor}
564 \gdef\thesis@czech@abstractTitle{Shrnutí}
565 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
566 \gdef\thesis@czech@thanksTitle{Poděkování}
567 \gdef\thesis@czech@declarationTitle{Prohlášení}
568 \gdef\thesis@czech@idTitle{ID}
569 \gdef\thesis@czech@typeName{%
570   \ifx\thesis@type\thesis@sempaper
571     Seminární práce%
572   \else\ifx\thesis@type\thesis@bachelors
573     Bakalářská práce%
574   \else\ifx\thesis@type\thesis@masters
575     Diplomová práce%
576   \else\ifx\thesis@type\thesis@doctoral
577     Disertační práce%
578   \else\ifx\thesis@type\thesis@rigorous
579     Rigorózní práce%
580   \else
581     <<Neznámý typ práce (\thesis@type)>>%
582   \fi\fi\fi\fi\fi}
583 \gdef\thesis@czech@typeName@akuzativ{%
584   \ifx\thesis@type\thesis@sempaper
585     Seminární práci%
586   \else\ifx\thesis@type\thesis@bachelors
587     Bakalářskou práci%
588   \else\ifx\thesis@type\thesis@masters
589     Diplomovou práci%
590   \else\ifx\thesis@type\thesis@doctoral

```

```

591   Disertační práci%
592   \else\ifx\thesis@type\thesis@rigorous
593     Rigorózní práci%
594   \else
595     <<Neznámý typ práce (\thesis@type)>>%
596   \fi\fi\fi\fi\fi}

```

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

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

```

597 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2016/03/22]
598
599 % Zástupné texty
600 \gdef\thesis@czech@universityName{Masarykova univerzita}
601 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
602   \thesis@lower{czech@typeName@akuzativ} zpracoval%
603   \thesis@czech@gender@koncovka\ samostatně a
604   použil\thesis@czech@gender@koncovka\ jen prameny
605   uvedené~v seznamu literatury.}
606
607 % Bibliografický záznam
608 \gdef\thesis@czech@bib@title{Bibliografický záznam}
609 \gdef\thesis@czech@bib@pages{str}
610
611 % Různé
612 \gdef\thesis@czech@idTitle{UČO}

```

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

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

```

613 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
614
615 % Různé
616 \gdef\thesis@czech@abstractTitle{Abstrakt}
617
618 % Zástupné texty
619 \gdef\thesis@czech@facultyName{Právnická fakulta}
620 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
621   univerzity}

```

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

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

and redefines the `fieldTitle` string in accordance with the common usage at the faculty.

```
622 \ProvidesFile{fithesis/locale/mu/fsp/fithesis-czech.def}[2015/06/26]
623
624 % Zástupné texty
625 \gdef\thesis@czec@facultyName{Fakulta sportovních studií}
626
627 % Různé
628 \gdef\thesis@czec@fieldTitle{Specializace}
```

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

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

```
629 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
630
631 % Zástupné texty
632 \gdef\thesis@czec@facultyName{Fakulta sociálních studií}
633 \gdef\thesis@czec@assignment{Místo tohoto listu
634 vložíte kopie oficiálního podepsaného zadání práce nebo
635 prohlášení autora školního díla nebo obojí~v závislosti na
636 požadavcích příslušné katedry.}
637
```

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

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

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

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

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

```
640 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2016/03/23]
641
642 % Různé
643 \gdef\thesis@czec@abstractTitle{Anotace}
644
645 % Zástupné texty
646 \gdef\thesis@czec@facultyName{Lékařská fakulta}
```



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

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

```
647 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
648
649 % Zástupné texty
650 \gdef\thesis@czech@facultyName{Fakulta informatiky}
651 \gdef\thesis@czech@assignment{Místo tohoto listu
652 vložíte kopie oficiálního podepsaného zadání práce a
653 prohlášení autora školního díla.}
654 \gdef\thesis@czech@declaration{%
655 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
656 původním autorským dílem, které jsem vypracoval%
657 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
658 prameny a literaturu, které jsem při vypracování
659 používal\thesis@czech@gender@koncovka\ nebo z nich
660 čerpal\thesis@czech@gender@koncovka, v práci řádně cituji
661 s uvedením úplného odkazu na příslušný zdroj.}
662
663 % Ostatní
664 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
```

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

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

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

```
665 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/03/22]
666
667 % Zástupné texty
668 \gdef\thesis@czech@facultyName{Filozofická fakulta}
669 \gdef\thesis@czech@departmentName{%
670 \ifx\thesis@department\thesis@departments@kisk
671 Kabinet informačních studií a knihovnictví%
672 \else
673 <<Neznámé oddělení (\thesis@department)>>%
674 \fi}
675 \gdef\thesis@czech@declaration{%
676 \ifx\thesis@department\thesis@departments@kisk
677 Prohlašuji, že jsem předkládanou práci zpracoval%
```

```

678 \thesis@czech@gender@koncovka\ samostatně~a použil%
679 \thesis@czech@gender@koncovka\ jen uvedené prameny~a
680 literaturu. Současně dávám svolení k tomu, aby elektronická
681 verze této práce byla zpřístupněna přes informační systém
682 Masarykovy univerzity.%
683 \else
684 Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
685 vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
686 uvedeně literatury.%
687 \fi}
688
689 % Ostatní
690 \global\let\thesis@czech@typeName@super
691 \thesis@czech@typeName
692 \gdef\thesis@czech@typeName{%
693 \ifx\thesis@type\thesis@bachelors
694 Bakalářská diplomová práce%
695 \else\ifx\thesis@type\thesis@masters
696 Magisterská diplomová práce%
697 \else
698 \thesis@czech@typeName@super
699 \fi\fi}
700
701 \global\let\thesis@czech@typeName@akuzativ@super
702 \thesis@czech@typeName@akuzativ
703 \gdef\thesis@czech@typeName@akuzativ{%
704 \ifx\thesis@type\thesis@bachelors
705 Diplomovou práci%
706 \else\ifx\thesis@type\thesis@masters
707 Diplomovou práci%
708 \else
709 \thesis@czech@typeName@akuzativ@super
710 \fi\fi}

```

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

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

```

711 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2016/03/22]
712
713 % Zástupné texty
714 \gdef\thesis@czech@facultyName{Pedagogická fakulta}

```

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

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

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.

```

715 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2016/03/23]
716
717 % Zástupné texty
718 \gdef\thesis@czech@facultyName{Přirodovědecká fakulta}
719
720 % Ostatní
721 \gdef\thesis@czech@abstractTitle{Abstrakt}
722 \gdef\thesis@czech@declaration{%
723   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
724   akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
725   statně s~vyžitím informačních zdrojů, které jsou v~práci
726   citovány.}
727 \gdef\thesis@czech@authorSignature{Podpis autora}
728
729 % Časové údaje
730 \gdef\thesis@czech@formattedDate{%
731   \thesis@day.
732   \newcount\@month\expandafter\@month\thesis@month\relax
733   \ifnum\@month=1%
734     ledna
735   \else\ifnum\@month=2%
736     února
737   \else\ifnum\@month=3%
738     března
739   \else\ifnum\@month=4%
740     dubna
741   \else\ifnum\@month=5%
742     května
743   \else\ifnum\@month=6%
744     června
745   \else\ifnum\@month=7%
746     července
747   \else\ifnum\@month=8%
748     srpna
749   \else\ifnum\@month=9%
750     září
751   \else\ifnum\@month=10%
752     října
753   \else\ifnum\@month=11%
754     listopadu
755   \else\ifnum\@month=12%
756     prosince
757   \else
758     <<neznámý měsíc (\the\@month)>>
759   \fi\fi\fi\fi\fi\fi

```

```

760 \fi\fi\fi\fi\fi\fi
761 \thesis@year}}
762
763 % Bibliografický záznam
764 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
765 \gdef\thesis@czech@bib@thesisTitle{Název práce}
766 \gdef\thesis@czech@bib@programme{Studijní program}
767 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
768 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
769 \gdef\thesis@czech@bib@academicYear{Akademický rok}
770 \gdef\thesis@czech@bib@pages{Počet stran}
771 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle

```

### 3.4.4 Slovak locale files

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

This is the base file of the Slovak locale.

```
772 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2016/03/22]
```

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.

```

773
774 % Pomocná makrá
775 \gdef\thesis@slovak@gender@koncovka{%
776 \ifthesis@woman a\fi}
777
778 % Csquotes štýl
779 \gdef\thesis@slovak@csquotesStyle{german}
780
781 % Zástupné texty
782 \gdef\thesis@slovak@universityName{Názov univerzity}
783 \gdef\thesis@slovak@facultyName{Názov fakulty}
784 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
785 oficiálneho podpísaného zadania práce.}
786 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
787
788 % Časové údaje
789 \gdef\thesis@slovak@spring{jar}
790 \gdef\thesis@slovak@fall{jeseň}
791 \gdef\thesis@slovak@semester{%
792 \thesis@{slovak@\thesis@season} \thesis@seasonYear}
793
794 % Rôzne

```

```

795 \gdef\thesis@slovak@fieldTitle{Odbor}
796 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
797 \gdef\thesis@slovak@authorTitle{Autor}
798 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
799 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
800 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
801 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
802 \gdef\thesis@slovak@idTitle{ID}
803 \gdef\thesis@slovak@typeName{%
804   \ifx\thesis@type\thesis@sempaper
805     Seminárna práca%
806   \else\ifx\thesis@type\thesis@bachelors
807     Bakalárska práca%
808   \else\ifx\thesis@type\thesis@masters
809     Diplomová práca%
810   \else\ifx\thesis@type\thesis@doctoral
811     Dizertačná práca%
812   \else\ifx\thesis@type\thesis@rigorous
813     Rigorózna práca%
814   \else
815     <<Neznámy typ práce (\thesis@type)>>%
816   \fi\fi\fi\fi\fi}
817 \gdef\thesis@slovak@typeName@akuzativ{%
818   \ifx\thesis@type\thesis@sempaper
819     Seminárnu prácu%
820   \else\ifx\thesis@type\thesis@bachelors
821     Bakalársku prácu%
822   \else\ifx\thesis@type\thesis@masters
823     Diplomovú prácu%
824   \else\ifx\thesis@type\thesis@doctoral
825     Dizertačnú prácu%
826   \else\ifx\thesis@type\thesis@rigorous
827     Rigoróznú prácu%
828   \else
829     <<Neznámy typ práce (\thesis@type)>>%
830   \fi\fi\fi\fi\fi}

```

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

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

```

831 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2016/03/22]
832
833 % Zástupné texty
834 \gdef\thesis@slovak@universityName{Masarykova univerzita}
835 \gdef\thesis@slovak@declaration{%
836   Prehlasujem, že som predložený \thesis@lower{%
837     slovak@typeName@akuzativ} vypracoval%
838   \thesis@slovak@gender@koncovka\ samostatne len s~použitím

```

```

839   uvedenej literatúry a prameňov.}
840
841 % Bibliografický zoznam
842 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
843 \gdef\thesis@slovak@bib@pages{str}
844
845 % Rôzne
846 \gdef\thesis@slovak@idTitle{UČO}

```

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

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

```

847 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
848
849 % Rôzne
850 \gdef\thesis@slovak@abstractTitle{Abstrakt}
851
852 % Zástupné texty
853 \gdef\thesis@slovak@facultyName{Právnická fakulta}
854 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
855   univerzity}

```

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

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

```

856 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
857
858 % Zástupné texty
859 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
860
861 % Rôzne
862 \gdef\thesis@slovak@fieldTitle{Špecializácie}

```

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

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

```

863 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
864
865 % Zástupné texty
866 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}

```

```

867 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
868 oficiálneho podpísaného zadania práce alebo prehlásenie autora
869 školského diela alebo obidve~v závislosti na požiadavkách
870 príslušnej katedry.}

```

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

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

```

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

```

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

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

```

873 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2016/03/23]
874
875 % Rôzne
876 \gdef\thesis@slovak@abstractTitle{Anotácie}
877
878 % Zástupné texty
879 \gdef\thesis@slovak@facultyName{Lekárska fakulta}

```

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

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

```

880 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
881
882 % Zástupné texty
883 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
884 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
885 oficiálneho podpísaného zadania práce a prehlásenie autora
886 školského diela.}
887 \gdef\thesis@slovak@declaration{%
888 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
889 pôvodným autorským dielom, ktoré som vypracoval%
890 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
891 pramene a literatúru, ktoré som pri vypracovaní

```

```

892 používal\thesis@slovak@gender@koncovka\ alebo z~nich
893 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
894 s~uvedením úplného odkazu na príslušný zdroj.}
895
896 % Rôzne
897 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}

```

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

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

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

```

898 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/03/22]
899
900 % Zástupné texty
901 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
902 \gdef\thesis@slovak@departmentName{%
903   \ifx\thesis@department\thesis@departments@kisk
904     Kabinet informačných štúdií a knihovníctva%
905   \else
906     <<Neznáme oddelenie (\thesis@department)>>%
907   \fi}
908 \gdef\thesis@czech@declaration{%
909   \ifx\thesis@department\thesis@departments@kisk
910     Prehlasujem, že som predkladanú prácu spracoval%
911     \thesis@slovak@gender@koncovka\ samostatne~a použil%
912     \thesis@slovak@gender@koncovka\ len uvedené pramene~a
913     literatúru. Súčasne dávam súhlas k tomu, aby elektronická
914     verzia tejto práce bola sprístupnená cez informačný
915     systém Masarykovej univerzity.%
916   \else
917     Prehlasujem, že som predloženú \thesis@lower{%
918     slovak@typeName@akuzativ} vypracoval%
919     \thesis@slovak@gender@koncovka\ samostatne na základe vlastných
920     zistení a len s~použitím uvedenej literatúry a prameňov.%
921   \fi}
922
923 % Rôzne
924 \global\let\thesis@slovak@typeName@super
925 \thesis@slovak@typeName
926 \gdef\thesis@slovak@typeName{%
927   \ifx\thesis@type\thesis@bachelors
928     Bakalárska diplomová práca%
929   \else\ifx\thesis@type\thesis@masters
930     Magisterská diplomová práca%

```



```

931 \else
932 \thesis@slovak@typeName@super
933 \fi\fi}
934
935 \global\let\thesis@slovak@typeName@akuzativ@super
936 \thesis@slovak@typeName@akuzativ
937 \gdef\thesis@slovak@typeName@akuzativ{%
938 \ifx\thesis@type\thesis@bachelors
939 Diplomovú prácu%
940 \else\ifx\thesis@type\thesis@masters
941 Diplomovú prácu%
942 \else
943 \thesis@slovak@typeName@akuzativ@super
944 \fi\fi}

```

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

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

```

945 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2016/03/22]
946
947 % Zástupné texty
948 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}

```

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

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

```

949 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
950
951 % Zástupné texty
952 \gdef\thesis@slovak@facultyName{Přirodovědecká fakulta}

```

### 3.5 Style files

Style files define the structure and the look of the resulting document. They live in the `style/` subtree and they are loaded during the main routine (see Section 2.4).

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

### 3.5.1 Interface

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

<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.

### 3.5.2 Base style files

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

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

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

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

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

```
955 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2016/04/18]
956 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

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

```
957 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
958 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
959 \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@`

```
960 \newif\ifthesis@twoside@
```

```

961 \DeclareOption{oneside}{%
962   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
963 \DeclareOption{twoside}{%
964   \thesis@twoside@true \@twosidetrue \@mparswitchtrue}

```

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

```

965 \DeclareOption{onecolumn}{\@twocolumnfalse}
966 \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.

```

967 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
968 \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@`

```

969 \newif\ifthesis@palatino@
970 \DeclareOption{palatino}{\thesis@palatino@true}
971 \DeclareOption{nopalatino}{\thesis@palatino@false}

```

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

`\ifthesis@color@`

```

972 \newif\ifthesis@color@
973 \DeclareOption{monochrome}{\thesis@color@false}
974 \DeclareOption{color}{\thesis@color@true}

```

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

`\ifthesis@microtype@`

```

975 \newif\ifthesis@microtype@
976 \DeclareOption{microtype}{\thesis@microtype@true}
977 \DeclareOption{nomicrotype}{\thesis@microtype@false}

```

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

`\ifthesis@newtable@`

```

978 \newif\ifthesis@newtable@
979 \DeclareOption{table}{\thesis@newtable@true}
980 \DeclareOption{oldtable}{\thesis@newtable@false}

```

The choice of the option name is deliberate – the redefinition of the table environments depends on the xcolor package, which needs to be loaded with the table option. Since so many other packages depend on the xcolor package and this style file is loaded at the very end of the preamble, there would either be a great chance of an option clash, or the option would have to be passed to the xcolor package before the preamble from the body of the fithesis3 class thus breaking the encapsulation. Naming the option table forces the option to be processed by the xcolor package as well and it is therefore an elegant solution to the problem at hand.

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

```
981 \DeclareOption{nolot}{\let\thesis@blocks@lot\relax}
982 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
```

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

```
983 \DeclareOption{nolof}{\let\thesis@blocks@lof\relax}
984 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
```

`\thesis@blocks@cover`      • cover, nocover – The `\thesis@blocks@cover` either is going to expand to either the thesis cover or produces no output, respectively. The `\ifthesis@cover@` conditional is set to false or true, respectively.

`\ifthesis@cover@`

```
985 \newif\ifthesis@cover@
986 \DeclareOption{nocover}{\thesis@cover@false}
987 \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.

```
988 \DeclareOption{digital}{\ExecuteOptions{color,cover}}
989 \DeclareOption{printed}{\ExecuteOptions{monochrome,nocover}}
```

These are the default options:

```
990 \ExecuteOptions{%
991   printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
992 \ProcessOptions*
```

The file uses English locale strings within the macros.

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

The file loads the following packages:

- xcolor – Adds support for color manipulation.

- `ifxetex` – Used to detect the Xe<sub>La</sub>TeX engine.
- `ifluatex` – Used to detect the Lua<sub>La</sub>TeX engine.
- `graphicx` – 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.

```

994 \thesis@require{xcolor}
995 \thesis@require{graphicx}
996 \thesis@require{pdfpages}
997 \thesis@require{keyval}
998 \thesis@require{ifxetex}
999 \thesis@require{ifluatex}

```

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

```

1000 \ifthesis@microtype@
1001   \thesis@require[final,babel]{microtype}
1002 \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 Xe<sub>La</sub>TeX or the Lua<sub>La</sub>TeX engine is being used.

```

1003 {\let\x\expandafter
1004 \x\global\x\let\x\ifthesis@xeluatex\csname if%
1005   \ifxetex true\else
1006     \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
1007     \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
1008     \fi
1009 \fi\endcsname}

```

The following packages get only loaded, when the document is being typeset using the Xe<sub>La</sub>TeX or Lua<sub>La</sub>TeX engine:

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

Under Xe<sub>La</sub>TeX or Lua<sub>La</sub>TeX, the TeX Gyre Pagella and TeX Gyre Pagella Math are also selected as the main text and math fonts.

```

1010 \ifthesis@xeluatex
1011   \ifthesis@palatino@
1012     \thesis@require{fontspec}
1013     \thesis@require{unicode-math}
1014     \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
1015     \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
1016       {texgyrepagella-math.otf}
1017 \fi

```

The following packages get only loaded, when the document is not being typeset using the  $\text{\XeTeX}$  or  $\text{\LuaTeX}$  engine and the  $\text{\ifthesis@palatino@}$  conditional is true:

- `cmap` – Places an explicit ToUnicode map in the resulting PDF file, allowing for the extraction of the text from the document.
- `mathpazo` – Changes the default math font family to `mathpazo`.
- `tgpagella` – Changes the default roman font family to  $\text{\TeX}$  Gyre Pagella.
- `lmodern` – Changes the default sans-serif and monotype font faces to Latin Modern instead of the default Computer Modern font family.
- `fontenc` – The font encoding is set to Cork.

```

1018 \else
1019   \ifthesis@palatino@
1020     \RequirePackage[resetfonts]{cmap}
1021     \thesis@require{lmodern}
1022     \thesis@require{mathpazo}
1023     \thesis@require{tgpagella}
1024     \RequirePackage[T1]{fontenc}
1025   \fi
1026 \fi

```

If the  $\text{\thesis@newtable@}$  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  $\text{\LaTeX}$ .

```

1027 \let\thesis@newtable@old\tabular
1028 \let\endthesis@newtable@old\endtabular
1029 \ifthesis@newtable@
1030   % Load the packages.
1031   \thesis@require{tabularx}
1032   \thesis@require{tabu}
1033   \thesis@require{booktabs}
1034   % Adjust the measurements.
1035   \setlength{\aboverulesep}{0pt}
1036   \setlength{\belowrulesep}{0pt}
1037   \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.

```

1038 \ifthesis@color@
1039 % The redefinition of 'tabular'
1040 \renewenvironment{tabular}%
1041     {\rowcolors{1}{thesis@color@tableOdd}%
1042      {thesis@color@tableEven}%
1043      \thesis@newtable@old}%
1044     {\endthesis@newtable@old}
1045 % The redefinition of 'tabularx'
1046 \let\thesis@newtable@oldx\tabularx
1047 \let\endthesis@newtable@oldx\endtabularx
1048 \renewenvironment{tabularx}%
1049     {\rowcolors{1}{thesis@color@tableEven}%
1050      {thesis@color@tableOdd}%
1051      \thesis@newtable@oldx}%
1052     {\endthesis@newtable@oldx}
1053 % The redefinition of 'tabu'
1054 \let\thesis@newtable@oldtabu\tabu
1055 \let\endthesis@newtable@oldtabu\endtabu
1056 \renewenvironment{tabu}%
1057     {\rowcolors{1}{thesis@color@tableEven}%
1058      {thesis@color@tableOdd}%
1059      \thesis@newtable@oldtabu}%
1060     {\endthesis@newtable@oldtabu}
1061 \fi
1062 \fi

```

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

```

1063 \newif\ifthesis@bibliography@
1064 \thesis@bibliography@false
1065 \ifx\thesis@bibFiles\undefined\else
1066     {\edef\@bibList{\thesis@bibFiles}%
1067      \ifx\@bibList\empty\else
1068          \global\thesis@bibliography@true
1069      \fi}
1070 \fi

```

`\thesis@bibliography@setup` The file defines the `\thesis@bibliography@setup{<options>}` command, where *options* is a comma-delimited list of key-value pairs as defined by the `keyval` package.

The command can be invoked by the subsequently loaded style files to define the bibliography options.

```
1071 \def\thesis@bibliography@setup#1{%
1072   \setkeys{thesis@bibliography}{#1}}
```

The following key-value pairs are supported:

- |                              |  |
|------------------------------|--|
| \thesis@bibliography@style   | 1. <code>{\style=<i>style</i>}</code> – Stores style in \thesis@bibliography@style, unless it has already been defined (presumably by the user).   |
| \thesis@bibliography@sorting | 2. <code>{\sorting=<i>mode</i>}</code> – Stores mode in \thesis@bibliography@sorting, unless it has already been defined (presumably by the user). |

```
1073 \define@key{thesis@bibliography}{style}{%
1074   \ifx\thesis@bibliography@style\undefined
1075     \def\thesis@bibliography@style{#1}%
1076   \fi}
1077 \define@key{thesis@bibliography}{sorting}{%
1078   \ifx\thesis@bibliography@sorting\undefined
1079     \def\thesis@bibliography@sorting{#1}%
1080   \fi}
```

- |                             |   |
|-----------------------------|---|
| \thesis@bibliography@load   | When \ifthesis@bibliography@ is true and \ifthesis@bibliography@loaded@ is false, the \thesis@bibliography@load macro loads the csquotes and BibLaTeX packages with the bibliography databases specified in \thesis@bibFiles. The macro also sets the \ifthesis@bibliography@loaded@ conditional to true. |
| \thesis@bibliography@loaded |   |

```
1081 \newif\ifthesis@bibliography@loaded@
1082 \thesis@bibliography@loaded@false
1083 \newif\ifthesis@bibliography@included@
1084 \thesis@bibliography@included@false
1085 \def\thesis@bibliography@load{%
1086   \ifthesis@bibliography@
1087     \ifthesis@bibliography@loaded@false
1088       \thesis@bibliography@loaded@true
1089       % Load csquotes and BibLaTeX.
1090       \thesis@require{csquotes}
```

If \thesis@bibliography@style is undefined, the bibliography and citation styles default to iso-numeric. If \thesis@bibliography@sorting is undefined, the sorting scheme defaults to none.

```
1091   \thesis@bibliography@setup{
1092     style = iso-numeric,
1093     sorting = none}
1094   \thesis@require[
1095     backend=biber,
1096     style=\thesis@bibliography@style,
1097     sorting=\thesis@bibliography@sorting,
1098     autolang=other,
1099     sortlocale=auto]{biblatex}
1100   % Load the bibliography databases.
```



```

1101     {\edef\@bibList{\thesis@bibFiles}%
1102     \def\@inject##1,{%
1103       \def\@args{##1}\def\@relax{\relax}%
1104       \ifx\@args\@relax\else
1105         % Trim leading spaces.
1106         \edef\@trimmed{\romannumeral-'\.##1}%
1107         \addbibresource\@trimmed
1108         \expandafter\@inject\fi}%
1109     \expandafter\@inject\@bibList,\relax,}%

```

`\ifthesis@bibliography@included@` The `\ifthesis@bibliography@included@` conditional is true, when the user has manually included a bibliography into their document. The default value of the conditional is false and `\printbibliography` is patched to set the conditional to true on expansion. This enables the user to place the bibliography manually without it appearing in the autolayout. The original macro is stored in the

`\thesis@printbibliography@old` `\thesis@printbibliography@old` macro.

```

1110     \let\thesis@printbibliography@old\printbibliography
1111     \def\printbibliography{%
1112       \global\thesis@bibliography@included@true
1113       \thesis@printbibliography@old}
1114     \fi
1115   \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.

```

1116 \thesis@require{hyperref}
1117 \hypersetup{pdfborderstyle={/S/U/W 1}} % Less obtrusive borders

```

Clubs and widows are set to be infinitely bad.

```

1118 \widowpenalty 10000
1119 \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.

```

1120 \def\thesis@color@setup#1{%
1121   \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.

```

1122 \define@key{thesis@color}{links}{%
1123   \definecolor{thesis@color@links}#1
1124   \hypersetup{linkbordercolor=thesis@color@links}}
1125 \define@key{thesis@color}{tableOdd}{%
1126   \definecolor{thesis@color@tableOdd}#1}
1127 \define@key{thesis@color}{tableEven}{%
1128   \definecolor{thesis@color@tableEven}#1}
1129 \define@key{thesis@color}{tableEmph}{%
1130   \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.

```

1131 \def\thesis@blocks@coverMatter{%
1132   \pagenumbering{gobble}}

```

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

```

1133 \def\thesis@blocks@frontMatter{%
1134   \thesis@blocks@clear
1135   \pagestyle{plain}
1136   \parindent 1.5em
1137   \setcounter{page}{1}
1138   \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.

```

1139 \def\thesis@blocks@clear{%
1140   \ifthesis@twoside@
1141     \clearpage
1142     \thispagestyle{empty}%
1143     \cleardoublepage
1144   \else
1145     \newpage
1146   \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.

```

1147 \def\thesis@blocks@clearRight{%
1148   \ifthesis@twoside@
1149     \clearpage
1150     \ifodd\value{page}%
1151       \thispagestyle{empty}%
1152       \hbox{}%
1153       \newpage
1154     \fi
1155   \else
1156     \newpage
1157   \fi}

thesis@blocks@facultyLogo@monochrome The \thesis@blocks@facultyLogo@monochrome[\langle options \rangle] macro typesets the
\thesis@logopath\thesis@facultyLogo logo with the given options passed to
\includegraphics.
1158 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
1159   [width=40mm]{\%
1160     \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1161     \includegraphics[#1]{\@path}}

thesis@blocks@facultyLogo@color The \thesis@blocks@facultyLogo@color[\langle options \rangle] macro typesets either the
\thesis@logopath\thesis@facultyLogo logo, if the \ifthesis@color@ condi-
tional is false, or the \thesis@logopath\thesis@facultyLogo-color logo oth-
erwise with the given options passed to \includegraphics.
1162 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1163   [width=40mm]{\%
1164     \edef\@path{\thesis@logopath\thesis@facultyLogo
1165       \ifthesis@color@-color\fi}%
1166     \includegraphics[#1]{\@path}}

blocks@universityLogo@monochrome The \thesis@blocks@universityLogo@monochrome[\langle options \rangle] macro typesets the
\thesis@logopath\thesis@universityLogo logo with the given options passed to
\includegraphics.
1167 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1168   [width=40mm]{\%
1169     \edef\@path{\thesis@logopath\thesis@universityLogo}%
1170     \includegraphics[#1]{\@path}}

thesis@blocks@universityLogo@color The \thesis@blocks@universityLogo@color[\langle options \rangle] macro typesets either the
\thesis@logopath\thesis@universityLogo logo, if the \ifthesis@color@ con-
ditional is false, or the \thesis@logopath\thesis@universityLogo-color logo
otherwise with the given options passed to \includegraphics.
1171 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1172   [width=40mm]{\%
1173     \edef\@path{\thesis@logopath\thesis@universityLogo
1174       \ifthesis@color@-color\fi}%
1175     \includegraphics[#1]{\@path}}

```

The `\thesis@department@name` and `\thesis@field@name` macros and their English counterparts provide a level of indirection that allows the subsequently loaded style files to parse the values of `\thesis@department` and `\thesis@field` (and their English counterparts) and map them to human-readable names, which will then be typeset.

```
1176 \let\thesis@department@name\thesis@department
1177 \let\thesis@departmentEn@name\thesis@departmentEn
1178 \let\thesis@field@name\thesis@field
1179 \let\thesis@fieldEn@name\thesis@fieldEn
```

`\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.

```
1180 \def\thesis@blocks@cover{%
1181   \ifthesis@cover@
1182     \thesis@blocks@clear
1183     \begin{alwaysingle}%
1184       \thispagestyle{empty}%
1185       \begin{center}%
1186         \thesis@blocks@cover@header
1187         \thesis@blocks@facultyLogo@monochrome\[\[0.4in]%
1188         \let\footnotesize\small
1189         \let\footnoterule\relax}%
1190       \thesis@blocks@cover@content
1191       \par\vfill
1192       \thesis@blocks@cover@footer
1193     \end{center}%
1194   \end{alwaysingle}%
1195 \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.

```

1196 \newif\ifthesis@blocks@cover@university@
1197 \thesis@blocks@cover@university@true
1198 \newif\ifthesis@blocks@cover@faculty@
1199 \thesis@blocks@cover@faculty@true
1200 \newif\ifthesis@blocks@cover@department@
1201 \thesis@blocks@cover@department@false
1202 \newif\ifthesis@blocks@cover@field@
1203 \thesis@blocks@cover@field@false
1204
1205 \def\thesis@blocks@cover@header{%
1206   {\sc\ifthesis@blocks@cover@university@
1207     \thesis@titlePage@LARGE\thesis@{universityName}\\%
1208   \fi\ifthesis@blocks@cover@faculty@
1209     \thesis@titlePage@Large\thesis@{facultyName}\\%
1210   \fi\ifthesis@blocks@cover@department@
1211     \thesis@titlePage@large\thesis@department@name\\%
1212   \fi}
1213   \ifthesis@blocks@cover@field@
1214     {\thesis@titlePage@large\vskip 1em%
1215     {\bf\thesis@{fieldTitle}:} \thesis@field@name}%
1216   \fi\vskip 2em}
1217 \def\thesis@blocks@cover@content{%
1218   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1219   \vskip 0.8in%
1220   {\thesis@titlePage@large\sc\thesis@{typeName}}\[\[0.3in]%
1221   {\thesis@titlePage@Large\bf\thesis@author}}
1222 \def\thesis@blocks@cover@footer{%
1223   {\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.

```

1224 \def\thesis@blocks@titlePage{%
1225   \thesis@blocks@clear
1226   \begin{alwaysssingle}%
```

```

1227 \thispagestyle{empty}%
1228 \begin{center}%
1229 \thesis@blocks@titlePage@header
1230 \thesis@blocks@facultyLogo@color\[\[0.4in]%
1231 \let\footnotesize\small
1232 \let\footnoterule\relax}%
1233 \thesis@blocks@titlePage@content
1234 \par\vfill
1235 \thesis@blocks@titlePage@footer
1236 \end{center}%
1237 \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.

```

1238 \newif\ifthesis@blocks@titlePage@university@
1239 \thesis@blocks@titlePage@university@true
1240 \newif\ifthesis@blocks@titlePage@faculty@
1241 \thesis@blocks@titlePage@faculty@true
1242 \newif\ifthesis@blocks@titlePage@department@
1243 \thesis@blocks@titlePage@department@false
1244 \newif\ifthesis@blocks@titlePage@field@
1245 \thesis@blocks@titlePage@field@false
1246
1247 \def\thesis@blocks@titlePage@header{%
1248   {\sc\ifthesis@blocks@titlePage@university@
1249     \thesis@titlePage@LARGE\thesis@{universityName}\%
1250   \fi\ifthesis@blocks@titlePage@faculty@
1251     \thesis@titlePage@Large\thesis@{facultyName}\%
1252   \fi\ifthesis@blocks@titlePage@department@
1253     \thesis@titlePage@large\thesis@department@name\%

```

```

1254     \fi}
1255 \ifthesis@blocks@titlePage@field@
1256   {\thesis@titlePage@large\vskip 1em%
1257     {\bf\thesis@{fieldTitle}:} \thesis@field@name}%
1258   \fi\vskip 2em}
1259 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1260 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

\thesis@blocks@toc The \thesis@blocks@toc macro typesets the table of contents.
1261 \def\thesis@blocks@toc{%
1262   \thesis@blocks@clear
1263   \tableofcontents}

\thesis@blocks@tables The \thesis@blocks@tables macro typesets the table of contents and optionally
the list of tables and the list of figures.
1264 \def\thesis@blocks@tables{%
1265   \thesis@blocks@toc
1266   \thesis@blocks@lot
1267   \thesis@blocks@lof}

\thesis@blocks@declaration The \thesis@blocks@declaration macro typesets the declaration text.
1268 \def\thesis@blocks@declaration{%
1269   \thesis@blocks@clear
1270   \begin{alwaysingle}%
1271     \chapter*{\thesis@{declarationTitle}}%
1272     \thesis@declaration
1273     \vskip 2cm%
1274     \hfill\thesis@author
1275   \end{alwaysingle}}

\thesis@blocks@thanks The \thesis@blocks@thanks macro typesets the acknowledgement, if the \thesis@thanks
macro is defined. Otherwise, the macro produces no output.
1276 \def\thesis@blocks@thanks{%
1277   \ifx\thesis@thanks\undefined\else
1278     \thesis@blocks@clear
1279     \begin{alwaysingle}%
1280       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1281       \thesis@thanks
1282     \end{alwaysingle}%
1283   \fi}

\thesis@blocks@abstract The \thesis@blocks@abstract macro typesets the abstract.
1284 \def\thesis@blocks@abstract{%
1285   \begin{alwaysingle}%
1286     % Start the new chapter without clearing the right page
1287     {\def\cleardoublepage{}
1288     \chapter*{\thesis@{abstractTitle}}}%
1289     \noindent\thesis@abstract
1290     \par\vfil\null
1291   \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.

```

1292 \def\thesis@blocks@abstractEn{%
1293   \ifthesis@english\else
1294     {\thesis@selectLocale{english}%
1295     \begin{alwaysingle}%
1296       % Start the new chapter without clearing the right page
1297       {\def\cleardoublepage{}%
1298       \chapter*{\thesis@english@abstractTitle}%
1299       \thesis@abstractEn}%
1300       \par\vfil\null
1301     \end{alwaysingle}}%
1302   \fi}

```

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

```

1303 \def\thesis@blocks@keywords{%
1304   \begin{alwaysingle}%
1305   % Start the new chapter without clearing the right page
1306   {\def\cleardoublepage{}%
1307   \chapter*{\thesis@{keywordsTitle}}%
1308   \noindent\thesis@TeXkeywords}%
1309   \par\vfil\null
1310   \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.

```

1311 \def\thesis@blocks@keywordsEn{%
1312   \ifthesis@english\else
1313     {\thesis@selectLocale{english}%
1314     \begin{alwaysingle}%
1315       % Start the new chapter without clearing the right page
1316       {\def\cleardoublepage{}%
1317       \chapter*{\thesis@english@keywordsTitle}%
1318       \thesis@TeXkeywordsEn}%
1319       \par\vfil\null
1320     \end{alwaysingle}}%
1321   \fi}

```

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

- Produces no output, when the expansion of `\thesis@assignmentFiles` 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@assignmentFiles` is undefined and the `\ifthesis@blocks@assignment@` conditional is true.



- Injects the PDF file(s) specified within the `\thesis@assignmentFiles` macro, when `\thesis@assignmentFiles` is defined, its 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.

```

1322 \newif\ifthesis@blocks@assignment@
1323 \thesis@blocks@assignment@true
1324 \def\thesis@blocks@assignment{%
1325   \ifthesis@blocks@assignment@
1326     \ifx\thesis@assignmentFiles\undefined
1327       % Typeset a placeholder page.
1328       \thesis@blocks@clear
1329       \begin{alwaysssingle}%
1330         \thispagestyle{empty}%
1331         \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1332         \noindent\textit{\thesis@{assignment}}}%
1333       \end{alwaysssingle}%
1334     \else
1335       {\edef\@pdfList{\thesis@assignmentFiles}%
1336       \ifx\@pdfList\empty\else
1337         \let\ea\expandafter
1338         % Inject the specified PDF documents.
1339         \def\@inject##1,{\thesis@blocks@clear
1340           \def\@args{##1}\def\@relax{\relax}%
1341           \ifx\@args\@relax\else
1342             % Trim leading spaces.
1343             \edef\@trimmed{\romannumeral-'\.##1}%
1344             \includepdf[pages=-]\@trimmed
1345             \ea\@inject\fi}%
1346           \ea\@inject\@pdfList,\relax,%
1347           \fi}%
1348       \fi
1349   \fi}

```

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

```

1350 \def\thesis@blocks@mainMatter{%
1351   \thesis@blocks@clear
1352   \setcounter{page}{1}
1353   \pagenumbering{arabic}
1354   \pagestyle{thesisheadings}
1355   \parindent 1.5em\relax}

```

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

- `bib@title` – The title of the entire block

- `bib@pages` – The abbreviation of pages used in the bibliographical entry

```

1356 \def\thesis@blocks@bibEntry{%
1357   \chapter*{\thesis@{bib@title}}
1358   \noindent\thesis@upper{author@tail}, \thesis@author@head.
1359   \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
1360   \thesis@{facultyName}, \thesis@department@name, \thesis@year.
1361   \thesis@pages\ \thesis@{bib@pages}.
1362   \thesis@{advisorTitle}: \thesis@advisor
1363   \thesis@blocks@clearRight}

```

`\thesis@blocks@bibliography` When `\ifthesis@bibliography@loaded@` is true and `\ifthesis@bibliography@included@` false, then the `\thesis@blocks@bibliography` macro typesets a bibliography via the Bib $\LaTeX$  package. Otherwise, this macro produces no output.

```

1364 \def\thesis@blocks@bibliography{%
1365   \ifthesis@bibliography@loaded@
1366     \ifthesis@bibliography@included@\else
1367       \thesis@blocks@clear
1368       \printbibliography[heading=bibintoc]%
1369     \fi
1370   \fi}

```

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

```

1371 % Table of contents will contain sectioning commands up to
1372 % \subsection.
1373 \setcounter{tocdepth}{2}
1374
1375 % Sections up to \subsection will be numbered.
1376 \setcounter{secnumdepth}{2}
1377
1378 % Load the 'fithesis-1*.clo' size option.
1379 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1380
1381 % Define the running heading style.
1382 \def\ps@thesisheadings{%
1383   \def\chaptermark##1{%
1384     \markright{%
1385       \ifnum\c@secnumdepth >\m@ne
1386         \thechapter.\ %
1387       \fi ##1}}
1388   \let\@oddfoot\@empty
1389   \let\@oddhead\@empty
1390   \def\@oddhead{%
1391     \vbox{%
1392       \hbox to \textwidth{%

```

```

1393     \hfil{\sc\rightmark}}%
1394     \vskip 4pt\hrule}}
1395 \if@twoside
1396     \def\@evenhead{%
1397         \vbox{%
1398             \hbox to \textwidth{%
1399                 {\sc\rightmark}%
1400                 \hfil}
1401             \vskip 4pt\hrule}}
1402 \else
1403     \let\@evenhead\@oddhead
1404 \fi
1405 \def\@oddfoot{\hfil\PageFont\thepage}
1406 \if@twoside
1407     \def\@evenfoot{\PageFont\thepage\hfil}%
1408 \else
1409     \let\@evenfoot\@oddfoot
1410 \fi
1411 \let\@mkboth\markboth}
1412
1413 % Redefine the style of the chapter headings.
1414 \renewcommand*\chapter{%
1415     \thesis@blocks@clear
1416     \thispagestyle{plain}%
1417     \global\@topnum\z@
1418     \@afterindentfalse
1419     \secdef\@chapter\@schapter}
1420
1421 % Redefine the style of part headings.
1422 \renewcommand*\part{%
1423     \thesis@blocks@clear
1424     \if@twocolumn
1425         \onecolumn
1426         \@tempswatrue
1427     \else
1428         \@tempswafalse
1429     \fi
1430     \hbox{}\vfil
1431     \secdef\@part\@spart}
1432
1433 % A macro for temporary multicol -> singlecol switching.
1434 \newif\if@restonecol
1435 \def\alwaysingle{%
1436     \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1437 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1438
1439 % Disable upercasing in PDF strings.
1440 \pdfstringdefDisableCommands{%
1441     \let\MakeUppercase\relax}
1442

```

```

1443 % Set up the ToC entries appearance.
1444 \renewcommand*\toc@font[1]{%
1445   \ifcase #1\relax
1446     \bfseries % \chapter (0)
1447   \or
1448     \slshape % \section (1)
1449 \else
1450   \rmfamily % \subsection (2), \subsubsection (3)
1451             % \paragraph, \subparagraph (4)
1452   \fi}
1453
1454 % Set up the table of contents entries for sectioning commands.
1455 \renewcommand*\l@part[2]{%
1456   \ifnum \c@tocdepth >-2\relax
1457     \addpenalty{-\@highpenalty}%
1458     \ifnum \c@tocdepth >0\relax
1459       \addvspace{2.25em \@plus\p@}%
1460     \else
1461       \addvspace{1.0em \@plus\p@}%
1462     \fi
1463   \begingroup
1464     \setlength\@tempdima{3em}%
1465     \parindent \z@ \rightskip \@pnumwidth
1466     \parfillskip -\@pnumwidth
1467     {\leavevmode
1468       \normalfont \bfseries #1\hfil \hbext@\@pnumwidth{\hss #2}}\par
1469     \nobreak
1470     \global\@nobreaktrue
1471     \everypar{\global\@nobreakfalse\everypar{}}%
1472   \endgroup
1473   \fi}
1474
1475 \renewcommand*\l@chapter[2]{%
1476   \ifnum \c@tocdepth >0\relax
1477     \addpenalty{-\@highpenalty}%
1478     \addvspace{1.0em \@plus\p@}%
1479     \setlength\@tempdima{1.5em}%
1480   \begingroup
1481     \parindent \z@ \rightskip \@pnumwidth
1482     \parfillskip -\@pnumwidth
1483     \leavevmode \bfseries
1484     \advance\leftskip\@tempdima
1485     \hskip -\leftskip
1486     #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1487     \penalty\@highpenalty
1488   \endgroup
1489   \else
1490     \dottedtocline{0}{0em}{1.5em}{#1}{#2}
1491   \fi}
1492

```

```

1493 \renewcommand*\l@section{\@dottedtocline{1}{1.5em}{2.3em}}
1494 \renewcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
1495 \renewcommand*\l@subsubsection{\@dottedtocline{3}{7.0em}{4.1em}}
1496 \renewcommand*\l@paragraph{\@dottedtocline{4}{10.0em}{5.0em}}
1497 \renewcommand*\l@subparagraph{\@dottedtocline{4}{12.0em}{6.0em}}

```

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

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

```

1498 <*opt>
1499 <*10pt>
1500 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2016/05/15]
1501
1502 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont
1503 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1504 \belowdisplayskip \abovedisplayskip
1505 \abovedisplayshortskip \z@ plus3\p@
1506 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1507 \let\@listi\@listI}
1508
1509 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont
1510 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1511 \belowdisplayskip \abovedisplayskip
1512 \abovedisplayshortskip \z@ plus2\p@
1513 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1514 \def\@listi{\leftmargin\leftmarginI
1515 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1516 \itemsep \parsep}}
1517
1518 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont
1519 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1520 \belowdisplayskip \abovedisplayskip
1521 \abovedisplayshortskip \z@ plus\p@
1522 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1523 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1524 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1525 \itemsep \parsep}}
1526
1527 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1528 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1529 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1530 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1531 \renewcommand{\LARGE}{\fontsize\@xxviipt{22pt}\selectfont}
1532 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1533 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1534
1535 </10pt>

```

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

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

```
1536 (*11pt)
1537 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2016/05/15]
1538
1539 \renewcommand{\normalsize}{\fontsize\expt{14}\selectfont
1540 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1541 \belowdisplayskip \abovedisplayskip
1542 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1543 % \abovedisplayshortskip \z@ plus3\p@
1544 \let\@listi\@listI}
1545
1546 \renewcommand{\small}{\fontsize\ixpt{12}\selectfont
1547 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1548 \belowdisplayskip \abovedisplayskip
1549 \abovedisplayshortskip \z@ plus3\p@
1550 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1551 \def\@listi{\leftmargin\leftmarginI
1552 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1553 \itemsep \parsep}}
1554
1555 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont
1556 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1557 \belowdisplayskip \abovedisplayskip
1558 \abovedisplayshortskip \z@ plus\p@
1559 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1560 \def\@listi{\leftmargin\leftmarginI
1561 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1562 \itemsep \parsep}}
1563
1564 \renewcommand{\scriptsize}{\fontsize\vviipt{9.5pt}\selectfont}
1565 \renewcommand{\tiny}{\fontsize\vipt{7pt}\selectfont}
1566 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1567 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1568 \renewcommand{\LARGE}{\fontsize\@xvipt{22pt}\selectfont}
1569 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1570 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1571
1572 (/11pt)
```

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

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

- |   |  |
|---|--|
| <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.

```

1573 (*12pt)
1574 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2016/05/15]
1575 (/12pt)
1576
1577 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%
1578 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1579 \belowdisplayskip \abovedisplayskip
1580 \abovedisplayshortskip \z@ plus3\p@
1581 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1582 \let\@listi\@listI}
1583
1584 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont
1585 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1586 \belowdisplayskip \abovedisplayskip
1587 \abovedisplayshortskip \z@ plus3\p@
1588 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1589 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1590 \parsep 4.5\p@ plus2\p@ minus\p@
1591 \itemsep \parsep
1592 \topsep 9\p@ plus3\p@ minus5\p@}}
1593
1594 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont
1595 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1596 \belowdisplayskip \abovedisplayskip
1597 \abovedisplayshortskip \z@ plus3\p@
1598 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1599 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1600 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1601 \itemsep \parsep}}
1602
1603 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1604 \def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
1605 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}

```

```

1606 \def\thesis@titlePage@Large{\fontsize\@xvipt{22pt}\selectfont}
1607 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1608 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1609 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1610
1611 (*12pt)
1612 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1613 \renewcommand{\small}{\thesis@titlePage@small}
1614 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1615 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1616 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1617 \renewcommand{\large}{\thesis@titlePage@large}
1618 \renewcommand{\Large}{\thesis@titlePage@LARGE}
1619 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1620 \renewcommand{\huge}{\thesis@titlePage@huge}
1621 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1622 (/12pt)
1623 \let\@normalsize\normalsize
1624 \normalsize
1625
1626 \if@twoside
1627   \oddsidemargin 0.75in
1628   \evensidemargin 0.4in
1629   \marginparwidth 0pt
1630 \else
1631   \oddsidemargin 0.75in
1632   \evensidemargin 0.75in
1633   \marginparwidth 0pt
1634 \fi
1635 \marginparsep 10pt
1636
1637 \topmargin 0.4in
1638
1639 \headheight 20pt
1640 \headsep 10pt
1641 \topskip 10pt
1642 \footskip 30pt
1643
1644 (*10pt)
1645 \textheight = 43\baselineskip
1646 \advance\textheight by \topskip
1647 \textwidth 5.0truein
1648 \columnsep 10pt
1649 \columnseprule 0pt
1650
1651 \footnotesep 6.65pt
1652 \skip\footins 9pt plus 4pt minus 2pt
1653 \floatsep 12pt plus 2pt minus 2pt
1654 \textfloatsep 20pt plus 2pt minus 4pt
1655 \intextsep 12pt plus 2pt minus 2pt

```



```

1656\dblfloatsep 12pt plus 2pt minus 2pt
1657\dbltextfloatsep 20pt plus 2pt minus 4pt
1658
1659\@fptop 0pt plus 1fil
1660\@fpsep 8pt plus 2fil
1661\@fpbot 0pt plus 1fil
1662\@dblftop 0pt plus 1fil
1663\@dblfpsep 8pt plus 2fil
1664\@dblfpbot 0pt plus 1fil
1665\marginparpush 5pt
1666
1667\parskip 0pt plus 1pt
1668\partopsep 2pt plus 1pt minus 1pt
1669
1670</10pt>
1671%
1672<*11pt>
1673\textheight = 39\baselineskip
1674\advance\textheight by \topskip
1675\textwidth 5.0truein
1676\columnsep 10pt
1677\columnseprule 0pt
1678
1679\footnotesep 7.7pt
1680\skip\footins 10pt plus 4pt minus 2pt
1681\floatsep 12pt plus 2pt minus 2pt
1682\textfloatsep 20pt plus 2pt minus 4pt
1683\intextsep 12pt plus 2pt minus 2pt
1684\dblfloatsep 12pt plus 2pt minus 2pt
1685\dbltextfloatsep 20pt plus 2pt minus 4pt
1686
1687\@fptop 0pt plus 1fil
1688\@fpsep 8pt plus 2fil
1689\@fpbot 0pt plus 1fil
1690\@dblftop 0pt plus 1fil
1691\@dblfpsep 8pt plus 2fil
1692\@dblfpbot 0pt plus 1fil
1693\marginparpush 5pt
1694
1695\parskip 0pt plus 0pt
1696\partopsep 3pt plus 1pt minus 2pt
1697
1698</11pt>
1699%
1700<*12pt>
1701\textheight = 37\baselineskip
1702\advance\textheight by \topskip
1703\textwidth 5.0truein
1704\columnsep 10pt
1705\columnseprule 0pt

```

```

1706
1707 \footnotesep 8.4pt
1708 \skip\footins 10.8pt plus 4pt minus 2pt
1709 \floatsep 14pt plus 2pt minus 4pt
1710 \textfloatsep 20pt plus 2pt minus 4pt
1711 \intextsep 14pt plus 4pt minus 4pt
1712 \dblfloatsep 14pt plus 2pt minus 4pt
1713 \dbltextfloatsep 20pt plus 2pt minus 4pt
1714
1715 \@fptop 0pt plus 1fil
1716 \@fpsep 10pt plus 2fil
1717 \@fpbot 0pt plus 1fil
1718 \@dblftop 0pt plus 1fil
1719 \@dblfpsep 10pt plus 2fil
1720 \@dblfpbot 0pt plus 1fil
1721 \marginparpush 7pt
1722
1723 \parskip 0pt plus 0pt
1724 \partopsep 3pt plus 2pt minus 2pt
1725
1726 </12pt>
1727 \@lowpenalty 51
1728 \@medpenalty 151
1729 \@highpenalty 301
1730 \@beginparpenalty -\@lowpenalty
1731 \@endparpenalty -\@lowpenalty
1732 \@itempenalty -\@lowpenalty
1733
1734 \def\@makechapterhead#1{%
1735   \setlength\parindent{\z@}%
1736   \setlength\parskip {\z@}%
1737   \Large \ChapFont
1738   \ifnum
1739     \c@secnumdepth >\m@ne
1740     \par\nobreak
1741     \vskip 10\p@
1742     \thechapter{} \space
1743     \fi #1\par
1744     \nobreak
1745     \vskip 20\p@}}
1746
1747 \def\@makeschapterhead#1{%
1748   \setlength\parindent{\z@}%
1749   \setlength\parskip {\z@}%
1750   \Large \ChapFont #1\par
1751   \nobreak
1752   \vskip 20\p@}}
1753
1754 \def\chapter{%
1755   \clearpage

```

```

1756 \thispagestyle{plain}
1757 \global\@topnum\z@
1758 \@afterindentfalse
1759 \secdef\@chapter\@schapter}
1760
1761 \def\@chapter[#1]#2{%
1762   \ifnum \c@secnumdepth
1763     >\m@ne
1764     \refstepcounter{chapter}%
1765     \typeout{\@chapapp\space\thechapter.}%
1766     \addcontentsline{toc}{chapter}{\protect
1767       \numberline{\thechapter}\bfseries #1}
1768   \else
1769     \addcontentsline{toc}{chapter}{\bfseries #1}
1770   \fi
1771   \chaptermark{#1}%
1772   \addtocontents{lof}%
1773   {\protect\addvspace{4\p@}}
1774   \addtocontents{lot}%
1775   {\protect\addvspace{4\p@}}
1776   \if@twocolumn
1777     \@topnewpage[\@makechapterhead{#2}]%
1778   \else
1779     \@makechapterhead{#2}%
1780     \@afterheading
1781   \fi
1782 }
1783
1784 \def\section{\@startsection{section}{1}{\z@}{%
1785   -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
1786   \reset@font\large\bfseries}}
1787 \def\subsection{\@startsection{subsection}{2}{\z@}{%
1788   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1789   \reset@font\normalsize\bfseries}}
1790 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
1791   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1792   \reset@font\normalsize}}
1793 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
1794   3.25ex plus1ex minus.2ex}{-1em}{%
1795   \reset@font\normalsize\bfseries}}
1796 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
1797   3.25ex plus1ex minus.2ex}{-1em}{%
1798   \reset@font\normalsize\bfseries}}
1799
1800 \leftmargini 2.5em
1801 \leftmarginii 2.2em      % > \labelsep + width of '(m)'
1802 \leftmarginiii 1.87em    % > \labelsep + width of 'vii.'
1803 \leftmarginiv 1.7em      % > \labelsep + width of 'M.'
1804 \leftmarginv 1em
1805 \leftmarginvi 1em

```

```

1806
1807 \leftmargin\leftmargini
1808 \labelsep .5em
1809 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1810
1811 (*10pt)
1812 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
1813 \topsep 8\p@ plus2\p@ minus4\p@
1814 \itemsep 4\p@ plus2\p@ minus\p@}
1815
1816 \let\@listi\@listI
1817 \@listi
1818
1819 \def\@listii{\leftmargin\leftmarginii
1820 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1821 \topsep 4\p@ plus2\p@ minus\p@
1822 \parsep 2\p@ plus\p@ minus\p@
1823 \itemsep \parsep}
1824
1825 \def\@listiii{\leftmargin\leftmarginiii
1826 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1827 \topsep 2\p@ plus\p@ minus\p@
1828 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1829 \itemsep \topsep}
1830
1831 \def\@listiv{\leftmargin\leftmarginiv
1832 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1833
1834 \def\@listv{\leftmargin\leftmarginv
1835 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1836
1837 \def\@listvi{\leftmargin\leftmarginvi
1838 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1839 (/10pt)
1840 %
1841 (*11pt)
1842 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1843 \topsep 9\p@ plus3\p@ minus5\p@
1844 \itemsep 4.5\p@ plus2\p@ minus\p@}
1845
1846 \let\@listi\@listI
1847 \@listi
1848
1849 \def\@listii{\leftmargin\leftmarginii
1850 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1851 \topsep 4.5\p@ plus2\p@ minus\p@
1852 \parsep 2\p@ plus\p@ minus\p@
1853 \itemsep \parsep}
1854
1855 \def\@listiii{\leftmargin\leftmarginiii

```

```

1856 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1857 \topsep 2\p@ plus\p@ minus\p@
1858 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1859 \itemsep \topsep}
1860
1861 \def\@listiv{\leftmargin\leftmarginiv
1862 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1863
1864 \def\@listv{\leftmargin\leftmarginv
1865 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1866
1867 \def\@listvi{\leftmargin\leftmarginvi
1868 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1869 </11pt>
1870 %
1871 <*12pt>
1872 \def\@listI{\leftmargin\leftmarginI \parsep 5\p@ plus2.5\p@ minus\p@
1873 \topsep 10\p@ plus4\p@ minus6\p@
1874 \itemsep 5\p@ plus2.5\p@ minus\p@}
1875
1876 \let\@listi\@listI
1877 \@listi
1878
1879 \def\@listii{\leftmargin\leftmarginii
1880 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1881 \topsep 5\p@ plus2.5\p@ minus\p@
1882 \parsep 2.5\p@ plus\p@ minus\p@
1883 \itemsep \parsep}
1884
1885 \def\@listiii{\leftmargin\leftmarginiii
1886 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1887 \topsep 2.5\p@ plus\p@ minus\p@
1888 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1889 \itemsep \topsep}
1890
1891 \def\@listiv{\leftmargin\leftmarginiv
1892 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1893
1894 \def\@listv{\leftmargin\leftmarginv
1895 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1896
1897 \def\@listvi{\leftmargin\leftmarginvi
1898 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1899 </12pt>
1900 </opt>

```

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

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

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

```
1901 \NeedsTeXFormat{LaTeX2e}
1902 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
1903 \thesis@color@setup{
1904   links={HTML}{FFD451},
1905   tableEmph={HTML}{FFD451},
1906   tableOdd={HTML}{FFF9E5},
1907   tableEven={HTML}{FFECB3}}
```

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

```
1908 \thesis@bibliography@setup{
1909   style=iso-numeric,
1910   sorting=none}
1911 \thesis@bibliography@load
```

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

```
1912 \ifx\thesis@type\thesis@bachelors\else
1913 \ifx\thesis@type\thesis@masters\else
1914   \thesis@blocks@assignment@false
1915 \fi\fi
```

\thesis@blocks@titlePage

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

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

```
1916 \def\thesis@blocks@titlePage@content{%
1917   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1918   {\thesis@titlePage@large\sc\thesis@{@{typeName}}\[\[0.3in]]}
1919   {\thesis@titlePage@Large\bf\thesis@author}
1920   % If this is a rigorous thesis, typeset the name of the
1921   % thesis advisor.
1922   \ifx\thesis@type\thesis@rigorous
1923     {\thesis@titlePage@large\[\[0.3in]}
1924     {\bf\thesis@{@{advisorTitle}:} \thesis@advisor}
1925   \fi}%
1926 \def\thesis@blocks@titlePage@footer{%
1927   {\thesis@titlePage@large\thesis@place, \thesis@{@{semester}}}
```

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

```

1928 % If this is a rigorous thesis, create space for the advisor's
1929 % signature
1930 \ifx\thesis@type\thesis@rigorous
1931   \let\@A\relax\newlength{\@A}
1932   \settowidth{\@A}{\thesis@{advisorSignature}}
1933   \setlength{\@A}{\@A+1cm}
1934   \hfill\raisebox{-0.5em}{\parbox{\@A}{
1935     \centering
1936     \rule{\@A}{1pt}\
1937     \thesis@{advisorSignature}
1938   }}
1939 \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.

```

1940 \def\thesis@blocks@declaration{%
1941   \thesis@blocks@clear
1942   \begin{alwaysingle}%
1943     \chapter*{\thesis@{declarationTitle}}%
1944     \thesis@declaration
1945     \vskip 2cm%
1946     \hfill\thesis@author
1947     \par\vfill\noindent
1948     \textbf{\thesis@{advisorTitle}:} \thesis@advisor
1949     \par\vfil
1950   \end{alwaysingle}}

```

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

```

1951 \def\thesis@blocks@preamble{%
1952   \thesis@blocks@coverMatter
1953   \thesis@blocks@cover
1954   \thesis@blocks@titlePage
1955   \thesis@blocks@frontMatter
1956   \thesis@blocks@assignment
1957   \thesis@blocks@declaration
1958   \thesis@blocks@thanks
1959   \thesis@blocks@clearRight
1960   \thesis@blocks@abstract
1961   \thesis@blocks@keywords
1962   \thesis@blocks@tables}
1963 \def\thesis@blocks@postamble{%
1964   \thesis@blocks@bibliography}

```

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

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

This is the style file for the theses written at the Faculty of Science at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>2</sup>.

```
1965 \NeedsTeXFormat{LaTeX2e}
1966 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2016/05/15]
```

The file defines the color scheme of the respective faculty.

```
1967 \thesis@color@setup{
1968   links={HTML}{20E366},
1969   tableEmph={HTML}{8EDEAA},
1970   tableOdd={HTML}{EDF7F1},
1971   tableEven={HTML}{CCEDD8}}
```

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

```
1972 \thesis@bibliography@setup{
1973   style=iso-numeric,
1974   sorting=none}
1975 \thesis@bibliography@load
```

The file uses Czech locale strings within the macros.

```
1976 \thesis@requireLocale{czech}
```

The file loads the following packages:

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

```
1977 \thesis@require{tikz}
1978 \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.

```
1979 \ifx\thesis@type\thesis@bachelors\else
1980 \ifx\thesis@type\thesis@masters\else
1981   \thesis@blocks@assignment@false
1982 \fi\fi
```

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

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



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

```

1983 \def\thesis@blocks@bibEntry{%
1984   \begin{alwaysingle}%
1985     {% Start the new chapter without clearing the right page
1986     {\def\cleardoublepage{}}%
1987     \chapter*{\thesis@czech@bib@title}}%
1988     % Calculate the width of the columns
1989     \let\@A\relax\newlength{\@A}\settowidth{\@A}{{%
1990       \bf\thesis@czech@bib@author:}}
1991     \let\@B\relax\newlength{\@B}\settowidth{\@B}{{%
1992       \bf\thesis@czech@bib@thesisTitle:}}
1993     \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
1994       \bf\thesis@czech@bib@programme:}}
1995     \let\@D\relax\newlength{\@D}\settowidth{\@D}{{%
1996       \bf\thesis@czech@bib@field:}}
1997     % Unless this is a rigorous thesis, we will be typesetting the
1998     % name of the thesis advisor.
1999     \let\@E\relax\newlength{\@E}
2000     \ifx\thesis@type\thesis@rigorous
2001       \setlength{\@E}{0pt}%
2002     \else
2003       \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}}
2004     \fi
2005     \let\@F\relax\newlength{\@F}\settowidth{\@F}{{%
2006       \bf\thesis@czech@bib@academicYear:}}
2007     \let\@G\relax\newlength{\@G}\settowidth{\@G}{{%
2008       \bf\thesis@czech@bib@pages:}}
2009     \let\@H\relax\newlength{\@H}\settowidth{\@H}{{%
2010       \bf\thesis@czech@bib@keywords:}}
2011     \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
2012     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2013       max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
2014     \let\@right\relax\newlength{\@right}\setlength{\@right}{%
2015       \textwidth-\@left-\@skip}
2016     % Typeset the table
2017     \renewcommand{\arraystretch}{2}
2018     \noindent\begin{thesis@newtable@old}%
2019       {\@{p}{\@left}{\hskip\@skip}p{\@right}{@{}}

```

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

```

2020 \textbf{\thesis@czech@bib@author:} &
2021 \noindent\parbox[t]{\@right}{
2022 \thesis@author\\
2023 \thesis@czech@facultyName,
2024 \thesis@czech@universityName\\
2025 \thesis@department@name
2026 }\\
2027 \textbf{\thesis@czech@bib@thesisTitle:}
2028 & \thesis@title \\
2029 \textbf{\thesis@czech@bib@programme:}
2030 & \thesis@programme \\
2031 \textbf{\thesis@czech@bib@field:}
2032 & \thesis@field@name \\
2033 % Unless this is a rigorous thesis, typeset the name of the
2034 % thesis advisor.
2035 \ifx\thesis@type\thesis@rigorous\else
2036 \textbf{\thesis@czech@bib@advisor:}
2037 & \thesis@advisor \\
2038 \fi
2039 \textbf{\thesis@czech@bib@academicYear:}
2040 & \thesis@academicYear \\
2041 \textbf{\thesis@czech@bib@pages:}
2042 & \thesis@pages \\
2043 \textbf{\thesis@czech@bib@keywords:}
2044 & \thesis@TeXkeywords \\
2045 \end{thesis@newtable@old}}
2046 \end{always@single}}

```

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

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

```

2047 \def\thesis@blocks@bibEntryEn{%
2048   {\thesis@selectLocale{english}
2049    \begin{alwaysingle}
2050     % Start the new chapter without clearing the right page
2051     {\def\cleardoublepage{}%
2052      \chapter*{\thesis@english@bib@title}}%
2053     {% Calculate the width of the columns
2054      \let\@A\relax\newlength{\@A}\settowidth{\@A}{\{%
2055        \bf\thesis@english@bib@author:}}
2056      \let\@B\relax\newlength{\@B}\settowidth{\@B}{\{%
2057        \bf\thesis@english@bib@thesisTitle:}}
2058      \let\@C\relax\newlength{\@C}\settowidth{\@C}{\{%
2059        \bf\thesis@english@bib@programme:}}
2060      \let\@D\relax\newlength{\@D}\settowidth{\@D}{\{%
2061        \bf\thesis@english@bib@field:}}
2062      % Unless this is a rigorous thesis, we will be typesetting
2063      % the name of the thesis advisor.
2064      \let\@E\relax\newlength{\@E}
2065      \ifx\thesis@type\thesis@rigorous
2066        \setlength{\@E}{0pt}%
2067      \else
2068        \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
2069      \fi
2070      \let\@F\relax\newlength{\@F}\settowidth{\@F}{\{%
2071        \bf\thesis@english@bib@academicYear:}}
2072      \let\@G\relax\newlength{\@G}\settowidth{\@G}{\{%
2073        \bf\thesis@english@bib@pages:}}
2074      \let\@H\relax\newlength{\@H}\settowidth{\@H}{\{%
2075        \bf\thesis@english@bib@keywords:}}
2076      \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
2077      \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{\%
2078        max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
2079      \let\@right\relax\newlength{\@right}\setlength{\@right}{\%
2080        \textwidth-\@left-\@skip}
2081      % Typeset the table
2082      \renewcommand{\arraystretch}{2}
2083      \noindent\begin{thesis@newtable@old}%
2084        {\@{p}{\@left}{\hskip\@skip}p{\@right}{@{}}
2085         \textbf{\thesis@english@bib@author:} &
2086         \noindent\parbox[t]{\@right}{
2087           \thesis@author\\
2088           \thesis@english@facultyName,
2089           \thesis@english@universityName\\
2090           \thesis@departmentEn@name
2091         }\\
2092         \textbf{\thesis@english@bib@thesisTitle:}
2093         & \thesis@titleEn \\
2094         \textbf{\thesis@english@bib@programme:}
2095         & \thesis@programmeEn \\
2096         \textbf{\thesis@english@bib@field:}

```

```

2097         & \thesis@fieldEn@name \\
2098         % Unless this is a rigorous thesis, typeset the name of the
2099         % thesis advisor.
2100         \ifx\thesis@type\thesis@rigorous\else
2101         \textbf{\thesis@english@bib@advisor:}
2102         & \thesis@advisor \\
2103         \fi
2104         \textbf{\thesis@english@bib@academicYear:}
2105         & \thesis@academicYear \\
2106         \textbf{\thesis@english@bib@pages:}
2107         & \thesis@pages \\
2108         \textbf{\thesis@english@bib@keywords:}
2109         & \thesis@TeXkeywordsEn \\
2110         \end{thesis@newtable@old}}
2111     \end{alwaysingle}
2112 }

```

`\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.

```

2113 \def\thesis@blocks@frontMatter{%
2114     \pagestyle{empty}
2115     \parindent 1.5em
2116     \setcounter{page}{1}
2117     \pagenumbering{roman}}

```

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

```

2118 \def\thesis@blocks@cover{%
2119     \ifthesis@cover@
2120     \thesis@blocks@clear
2121     \begin{alwaysingle}
2122         \thispagestyle{empty}
2123         \begin{center}
2124             {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
2125              \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
2126              \thesis@titlePage@large\thesis@department@name}
2127             \vfill
2128             {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
2129             \vfill
2130             {\thesis@titlePage@large\thesis@place
2131              \ \thesis@year\hfill\thesis@author}
2132         \end{center}
2133     \end{alwaysingle}
2134     \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.

```

2135 \def\thesis@blocks@titlePage{%

```

```

2136 \thesis@blocks@clear
2137 \begin{alwaysingle}
2138 \thispagestyle{empty}
2139 % The top of the page
2140 \begin{adjustwidth}{-12mm}{%
2141 \begin{minipage}{30mm}
2142 \thesis@blocks@universityLogo@color[width=30mm]
2143 \end{minipage}\begin{minipage}{89mm}
2144 \begin{center}
2145 {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
2146 \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
2147 \thesis@titlePage@normalsize\thesis@department@name}
2148 \rule{\textwidth}{2pt}\vspace*{2mm}
2149 \end{center}
2150 \end{minipage}\begin{minipage}{30mm}
2151 \thesis@blocks@facultyLogo@color[width=30mm]
2152 \end{minipage}
2153 \end{adjustwidth}
2154 % The middle of the page
2155 \vfill
2156 \parbox\textwidth{% Prevent vfills from squashing the leading
2157 \bf\thesis@titlePage@Huge\thesis@TeXtitle}
2158 {\thesis@titlePage@Huge\\[0.8em]}
2159 {\thesis@titlePage@Large\thesis@czech@typeName\\[1em]}
2160 {\bf\thesis@titlePage@LARGE\thesis@author\\}
2161 \vfill\noindent
2162 % The bottom of the page
2163 {\bf\thesis@titlePage@normalsize
2164 % Unless this is a rigorous thesis, typeset the name of the
2165 % thesis advisor.
2166 \ifx\thesis@type\thesis@rigorous\else
2167 \thesis@czech@advisorTitle: \thesis@advisor\hfill
2168 \fi
2169 \thesis@place\ \thesis@year}
2170 \end{alwaysingle}}

```

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

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

`\thesis@czech@bib@title`

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

```

2171 \def\thesis@blocks@declaration{%
2172 \thesis@blocks@clear
2173 \begin{alwaysingle}%
2174 \chapter*{\thesis@{declarationTitle}}%

```

```

2175 \thesis@declaration
2176 \vskip 2cm%
2177 {\let\@A\relax\newlength{\@A}
2178 \settowidth{\@A}{\thesis@{authorSignature}}
2179 \setlength{\@A}{\@A+1cm}
2180 \noindent\thesis@place, \thesis@czech@formattedDate\hfill
2181 \begin{minipage}[t]{\@A}%
2182 \centering\rule{\@A}{1pt}\\
2183 \thesis@{authorSignature}\par
2184 \end{minipage}}
2185 \end{alwaysssingle}}

```

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

```

2186 \def\thesis@blocks@preamble{%
2187 \thesis@selectLocale{czech}%
2188 \thesis@blocks@coverMatter
2189 \thesis@blocks@cover
2190 \thesis@blocks@frontMatter
2191 \thesis@blocks@titlePage
2192 \thesis@blocks@clearRight
2193 \thesis@blocks@bibEntry
2194 \thesis@blocks@bibEntryEn
2195 \thesis@blocks@abstract
2196 \thesis@blocks@abstractEn}
2197 \thesis@blocks@assignment
2198 {\thesis@selectLocale{czech}%
2199 \thesis@blocks@thanks
2200 \thesis@blocks@declaration
2201 \thesis@blocks@tables}}
2202 \def\thesis@blocks@postamble{%
2203 \thesis@blocks@bibliography}

```

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

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

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

```

2204 \NeedsTeXFormat{LaTeX2e}
2205 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2016/04/18]

```

The file defines the color scheme of the respective faculty.

```

2206 \thesis@color@setup{
2207 links={HTML}{6FCEF2},

```

---

<sup>3</sup>See [http://is.muni.cz/auth/do/1421/4581421/Vzor\\_bakalarske\\_prace.pdf](http://is.muni.cz/auth/do/1421/4581421/Vzor_bakalarske_prace.pdf)

```

2208 tableEmph={HTML}{78CEF0},
2209 tableOdd={HTML}{EBF6FA},
2210 tableEven={HTML}{D0EBF5}}

```

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

```

2211 \thesis@bibliography@setup{
2212   style=iso-numeric,
2213   sorting=nty}
2214 \thesis@bibliography@load

```

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

```

2215 \thesis@blocks@titlePage@department@true
2216 \thesis@blocks@titlePage@field@true

```

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

- kisk – The Division of Information and Library Studies <sup>4</sup> (KISK)

```

2217   \def\thesis@departments@kisk{kisk}

```

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

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

```

2218 \ifx\thesis@department\thesis@departments@kisk
2219   \def\thesis@department@name{\thesis@{departmentName}}
2220   \def\thesis@departmentEn@name{\thesis@english@departmentName}
2221 \fi

```

`\thesis@blocks@titlePage`

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

```

2222 \ifx\thesis@department\thesis@departments@kisk
2223   \def\thesis@blocks@titlePage@content{%
2224     {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2225     {\thesis@titlePage@large\sc\thesis@{typeName}}\vskip 0.3in}
2226     {\thesis@titlePage@Large\bf\thesis@author}
2227     % If this is a KISK thesis, typeset the name of the thesis
2228     % advisor.
2229     \ifx\thesis@department\thesis@departments@kisk
2230       {\thesis@titlePage@large\vskip 0.3in}
2231       {\bf\thesis@{advisorTitle}:} \thesis@advisor}
2232   \fi}%
2233 \fi

```

---

<sup>4</sup>See <http://kisk.phil.muni.cz/cs/povinnosti>.

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

```
2234 \def\thesis@blocks@preamble{%
2235   \thesis@blocks@coverMatter
2236   \thesis@blocks@cover
2237   \thesis@blocks@titlePage
2238   \thesis@blocks@frontMatter
```

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

```
2239   \ifx\thesis@department\thesis@departments@kisk
2240     \thesis@blocks@bibEntry
2241     \thesis@blocks@abstract
2242     \thesis@blocks@abstractEn
2243     \thesis@blocks@keywords
2244     \thesis@blocks@keywordsEn
2245   \fi
2246   \thesis@blocks@declaration
2247   \thesis@blocks@thanks
```

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

```
2248   \ifx\thesis@department\thesis@departments@kisk
2249     \thesis@blocks@toc
2250   \else
2251     \thesis@blocks@tables
2252   \fi}
2253 \def\thesis@blocks@postamble{%
2254   \ifx\thesis@department\thesis@departments@kisk
```

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

```
2255   \thesis@blocks@lot
2256   \thesis@blocks@lof
2257   \fi
2258   \thesis@blocks@bibliography}
```

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

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

This is the style file for the theses written at the Faculty of Education at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the of the faculty<sup>5</sup>.

```
2259 \NeedsTeXFormat{LaTeX2e}
2260 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2016/04/18]
```

---

<sup>5</sup>See [https://is.muni.cz/auth/do/ped/VPAN/pokdek/Pokyn\\_dekana\\_zaverecne\\_prace\\_finale\\_1\\_.pdf](https://is.muni.cz/auth/do/ped/VPAN/pokdek/Pokyn_dekana_zaverecne_prace_finale_1_.pdf)



The file defines the color scheme of the respective faculty.

```
2261 \thesis@color@setup{
2262   links={HTML}{FFA02F},
2263   tableEmph={HTML}{FFB6B6},
2264   tableOdd={HTML}{FFF1E0},
2265   tableEven={HTML}{FFDEB7}}
```

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

```
2266 \thesis@bibliography@setup{
2267   style=iso-numeric,
2268   sorting=nty}
2269 \thesis@bibliography@load
```

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

```
2270 \thesis@blocks@titlePage@department@true
2271 \def\thesis@blocks@titlePage@content{%
2272   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2273   {\thesis@titlePage@large\sc\thesis@@{typeName}}\[\[0.3in]]
2274   {\thesis@titlePage@Large\bf\thesis@author}
2275   % Typeset the name of the thesis advisor.
2276   {\thesis@titlePage@large}\[\[0.3in]
2277   {\bf\thesis@@{advisorTitle}:} \thesis@advisor}}
```

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

```
2278 \def\thesis@blocks@preamble{%
2279   \thesis@blocks@coverMatter
2280   \thesis@blocks@cover
2281   \thesis@blocks@titlePage
2282   \thesis@blocks@frontMatter
2283   \thesis@blocks@bibEntry
2284   \thesis@blocks@abstract
2285   \thesis@blocks@abstractEn
2286   \thesis@blocks@keywords
2287   \thesis@blocks@keywordsEn
2288   \thesis@blocks@declaration
2289   \thesis@blocks@thanks
2290   \thesis@blocks@tables}
2291 \def\thesis@blocks@postamble{%
2292   \thesis@blocks@bibliography}
```

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

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

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

with varying degrees of rigour<sup>6</sup>, this style is a mere skeleton, which is unlikely to satisfy the exact requirements of any department and will require modification by the user.

```
2293 \NeedsTeXFormat{LaTeX2e}
2294 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2295 \thesis@color@setup{
2296   links={HTML}{58EDD7},
2297   tableEmph={HTML}{69D6C6},
2298   tableOdd={HTML}{E3F1EE},
2299   tableEven={HTML}{C5E3DF}}
```

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

```
2300 \thesis@bibliography@setup{
2301   style=iso-authoryear,
2302   sorting=nty}
2303 \thesis@bibliography@load
```

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

```
2304 \def\thesis@blocks@frontMatter{%
2305   \pagestyle{plain}
2306   \parindent 1.5em
2307   \setcounter{page}{1}
2308   \pagenumbering{roman}}
```

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

```
2309 \def\thesis@blocks@preamble{%
2310   \thesis@blocks@coverMatter
2311   \thesis@blocks@cover
2312   \thesis@blocks@titlePage
2313   \thesis@blocks@frontMatter
2314   \thesis@blocks@clearRight
2315   \thesis@blocks@abstract
2316   \thesis@blocks@abstractEn
2317   \thesis@blocks@keywords
2318   \thesis@blocks@keywordsEn
2319   \thesis@blocks@assignment
2320   \thesis@blocks@declaration
2321   \thesis@blocks@thanks
2322   \thesis@blocks@tables}
```

---

<sup>6</sup>See <http://psych.fss.muni.cz/node/351>,  
<http://medzur.fss.muni.cz/informace-pro-studenty/pravidla-pro-diplomky/soubory/PravidlaprozaverecnepracenaKMSZ-ver.2-83.doc>,  
<http://soc.fss.muni.cz/?q=node/44>,  
<http://polit.fss.muni.cz/informace-pro-studenty/pol/>,  
<http://humenv.fss.muni.cz/studium/bakalarske-studium/pravidla-pro-vypracovani-bakalarske-prace>

```

2323 \def\thesis@blocks@postamble{%
2324   \thesis@blocks@bibliography}

```

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

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

This is the style file for the theses written at the Faculty of Law at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>7</sup>.

```

2325 \NeedsTeXFormat{LaTeX2e}
2326 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2016/04/18]

```

The file defines the color scheme of the respective faculty.

```

2327 \thesis@color@setup{
2328   links={HTML}{CF86EB},
2329   tableEmph={HTML}{D39BE8},
2330   tableOdd={HTML}{F2EBF5},
2331   tableEven={HTML}{E5CCED}}

```

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

```

2332 \thesis@bibliography@setup{%
2333   style=iso-authoryear,
2334   sorting=nyt}
2335 \thesis@bibliography@load

```

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

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

```

2336 \def\thesis@blocks@cover@header{%
2337   {\sc\thesis@titlePage@Large\thesis@@{facultyLongName}}\%
2338   \thesis@titlePage@large\thesis@department@name\\vskip 2em}}
2339 \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.

```

2340 \def\thesis@blocks@frontMatter{%
2341   \thesis@blocks@clear
2342   \pagestyle{plain}
2343   \parindent 1.5em
2344   \setcounter{page}{1}
2345   \pagenumbering{arabic}}

```

<sup>7</sup>See <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.

```
2346 \def\thesis@blocks@mainMatter{%
2347   \thesis@blocks@clear
2348   \pagestyle{thesisheadings}
2349   \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.

```
2350 \def\thesis@blocks@preamble{%
2351   \thesis@blocks@coverMatter
2352   \thesis@blocks@cover
2353   \thesis@blocks@titlePage
2354   \thesis@blocks@frontMatter
2355   \thesis@blocks@declaration
2356   \thesis@blocks@clearRight
2357   \thesis@blocks@abstract
2358   \thesis@blocks@abstractEn
2359   \thesis@blocks@keywords
2360   \thesis@blocks@keywordsEn
2361   \thesis@blocks@thanks
2362   \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.

```
2363 \def\thesis@blocks@postamble{%
2364   \thesis@blocks@bibliography
2365   \thesis@blocks@assignment}
```

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

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

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

```
2366 \NeedsTeXFormat{LaTeX2e}
2367 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2368 \thesis@color@setup{
2369   links={HTML}{F27995},
2370   tableEmph={HTML}{E8B88B},
2371   tableOdd={HTML}{F5ECEB},
2372   tableEven={HTML}{EBD8D5}}
```

---

<sup>8</sup>See <http://is.muni.cz/auth/do/econ/predpisy/smernice/prehled/45931363/Smernice2014-9.pdf>

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

```
2373 \thesis@bibliography@setup{
2374   style=iso-authoryear,
2375   sorting=nty}
2376 \thesis@bibliography@load
```

The file loads the following packages:

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

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

```
2377 \thesis@require{tikz}
2378 \thesis@require{geometry}
2379 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2380 \def\thesis@blocks@cover{%
2381   \ifthesis@cover@
2382     \thesis@blocks@clear
2383     \begin{alwaysingle}
2384       \thispagestyle{empty}
2385       \begin{center}
2386         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\\%
2387         \thesis@titlePage@Large\thesis@{facultyName}}\\}
2388         \vfill
2389         {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2390         \vfill
2391         {\thesis@titlePage@large\thesis@place
2392          \ \thesis@year\hfill\thesis@author}
2393       \end{center}
2394     \end{alwaysingle}
2395   \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.

```
2396 \thesis@blocks@titlePage@field@true
2397 \def\thesis@blocks@titlePage@content{%
2398   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2399   \ifthesis@english\else
2400     {\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2401   \fi {\[0.3in]\thesis@titlePage@large\sc\thesis@{typeName}}\\}
2402 \def\thesis@blocks@titlePage@footer{%
```

```

2403 {\thesis@titlePage@large
2404   {% Calculate the width of the thesis author and advisor boxes
2405     \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2406       \bf\thesis@{advisorTitle}:}}
2407     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2408     \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2409       \bf\thesis@{authorTitle}:}}
2410     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2411     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{\%
2412       max(\@A,\@B)}
2413     \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{\%
2414       max(\@C,\@D)}
2415     % Typeset the thesis author and advisor boxes
2416     \vskip 2in\begin{minipage}[t]{\@left}
2417       {\bf\thesis@{advisorTitle}:}\\\thesis@advisor
2418     \end{minipage}\hfill\begin{minipage}[t]{\@right}
2419       {\bf\thesis@{authorTitle}:}\\\thesis@author
2420     \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.

```

2421 \def\thesis@blocks@frontMatter{%
2422   \thesis@blocks@clear
2423   % In case of double-sided typesetting, change the geometry
2424   \ifthesis@twoside@
2425     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2426       right=15mm, includeheadfoot}
2427   \fi\pagestyle{empty}
2428   \parindent 1.5em
2429   \setcounter{page}{1}
2430   \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.

```

2431 \def\thesis@blocks@mainMatter{%
2432   \thesis@blocks@clear
2433   % In case of double-sided typesetting, change the geometry
2434   \ifthesis@twoside@
2435     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2436       right=15mm, includeheadfoot}
2437   \fi\pagestyle{\thesis@headings}
2438   \parindent 1.5em\relax}

```

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

```

2439 \def\thesis@blocks@tables{%

```

```

2440 \thesis@blocks@lot
2441 \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.

```

2442 \ifx\thesis@blocks@lot\relax\else
2443 \def\thesis@blocks@lot{%
2444   \thesis@blocks@clear
2445   \phantomsection
2446   \addcontentsline{toc}{chapter}{\listtablename}%
2447   \listoftables}
2448 \fi
2449
2450 \ifx\thesis@blocks@lof\relax\else
2451 \def\thesis@blocks@lof{%
2452   \thesis@blocks@clear
2453   \phantomsection
2454   \addcontentsline{toc}{chapter}{\listfigurename}%
2455   \listoffigures}
2456 \fi

```

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

```

2457 \def\thesis@blocks@preamble{%
2458   \thesis@blocks@coverMatter
2459   \thesis@blocks@cover
2460   \thesis@blocks@frontMatter
2461   \thesis@blocks@titlePage
2462   \thesis@blocks@assignment
2463   \thesis@blocks@clearRight
2464   \thesis@blocks@abstract
2465   \thesis@blocks@abstractEn
2466   \thesis@blocks@keywords
2467   \thesis@blocks@keywordsEn
2468   \thesis@blocks@declaration
2469   \thesis@blocks@thanks
2470   \thesis@blocks@toc}

```

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

```

2471 \def\thesis@blocks@postamble{%
2472   \thesis@blocks@bibliography
2473   \thesis@blocks@tables}

```

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

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

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

ments published at the website of the Department of Optometry and Orthoptics<sup>9</sup>.

```
2474 \NeedsTeXFormat{LaTeX2e}
2475 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2476 \thesis@color@setup{
2477   links={HTML}{F58E76},
2478   tableEmph={HTML}{FF9D85},
2479   tableOdd={HTML}{FFF5F6},
2480   tableEven={HTML}{FFDEDF}}
```

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

```
2481 \thesis@bibliography@setup{%
2482   style=iso-authoryear,
2483   sorting=ynt}
2484 \thesis@bibliography@load
```

The file loads the following packages:

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

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

```
2485 \thesis@require{tikz}
2486 \thesis@require{geometry}
2487 \thesis@require{setspace}
2488 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2489 \def\thesis@blocks@cover{%
2490   \ifthesis@cover@
2491     \thesis@blocks@clear
2492     \begin{alwaysingle}
2493       \thispagestyle{empty}
2494       \begin{center}
2495         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\%
2496         \thesis@titlePage@Large\thesis@{facultyName}}\%
2497         \vfill
2498         {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2499         \vfill
2500         {\thesis@titlePage@large\thesis@place
2501          \ \thesis@year\hfill\thesis@author}
2502       \end{center}
2503     \end{alwaysingle}
2504   \fi}
```

---

<sup>9</sup>See [http://is.muni.cz/do/med/zpravyprac/Optomietrie/NALEZITOSTI\\_ZAVERECNE\\_PRACE.doc](http://is.muni.cz/do/med/zpravyprac/Optomietrie/NALEZITOSTI_ZAVERECNE_PRACE.doc)



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.

```

2505 \def\thesis@blocks@titlePage@content{%
2506   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
2507   {\thesis@titlePage@large{\sc\thesis@{typeName}}\\}}
2508 \def\thesis@blocks@titlePage@footer{%
2509   {\thesis@titlePage@large
2510     {% Calculate the width of the thesis author and advisor boxes
2511       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2512         \bf\thesis@{advisorTitle}:}}
2513       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2514       \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2515         \bf\thesis@{authorTitle}:}}
2516       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2517       \let\@E\relax\newlength{\@E}\settowidth{\@E}{%
2518         \bf\thesis@{fieldTitle}:}}
2519       \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field@name}
2520       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2521         max(\@A,\@B)}
2522       \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2523         max(\@C,\@D,\@E,\@F)}
2524       % Typeset the thesis author and advisor boxes
2525       \vskip 2in\begin{minipage}[t]{\@left}
2526         {\bf\thesis@{advisorTitle}:}\\thesis@advisor
2527       \end{minipage}\hfill\begin{minipage}[t]{\@right}
2528         {\bf\thesis@{authorTitle}:}\\thesis@author
2529         \\[1em]{\bf\thesis@{fieldTitle}:}\\thesis@field@name
2530       \end{minipage}}\\[4em]\thesis@place, \thesis@{semester}}}
```

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

```

2531 \def\thesis@blocks@frontMatter{%
2532   \thesis@blocks@clear
2533   % In case of double-sided typesetting, change the geometry
2534   \ifthesis@twoside@
2535     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2536       right=15mm, includeheadfoot}
2537   \fi\pagestyle{empty}
2538   \parindent 1.5em
2539   \setcounter{page}{1}
2540   \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.

```

2541 \def\thesis@blocks@mainMatter{%
```

```

2542 \thesis@blocks@clear
2543 % In case of double-sided typesetting, change the geometry
2544 \ifthesis@twoside@
2545   \newgeometry{top=25mm,bottom=20mm,left=35mm,
2546     right=15mm, includeheadfoot}
2547 \fi\setcounter{page}{1}
2548 \pagenumbering{arabic}
2549 \pagestyle{thesisheadings}
2550 \parindent 1.5em
2551 \onehalfspacing}

```

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

```

2552 \def\thesis@blocks@preamble{%
2553   \thesis@blocks@coverMatter
2554   \thesis@blocks@cover
2555   \thesis@blocks@frontMatter
2556   \thesis@blocks@titlePage
2557   \onehalfspacing
2558   \thesis@blocks@clearRight
2559   \thesis@blocks@abstract
2560   \thesis@blocks@abstractEn
2561   \thesis@blocks@keywords
2562   \thesis@blocks@keywordsEn
2563   \thesis@blocks@bibEntry
2564   \thesis@blocks@declaration
2565   \thesis@blocks@thanks
2566   \thesis@blocks@tables}
2567 \def\thesis@blocks@postamble{%
2568   \thesis@blocks@bibliography}

```

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

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

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>10</sup>.

```

2569 \NeedsTeXFormat{LaTeX2e}
2570 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2016/04/18]

```

The file defines the color scheme of the respective faculty.

```

2571 \thesis@color@setup{
2572   links={HTML}{93BCF5},
2573   tableEmph={HTML}{A8BDE3},
2574   tableOdd={HTML}{EBEFF5},
2575   tableEven={HTML}{D1DAEB}}

```

---

<sup>10</sup>See [http://www.fsps.muni.cz/~korvas/pokyny\\_k\\_zaverecne\\_praci.doc](http://www.fsps.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc)

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

```
2576 \thesis@bibliography@setup{
2577   style=iso-authoryear,
2578   sorting=nty}
2579 \thesis@bibliography@load
```

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

```
2580 \thesis@blocks@titlePage@field@true
```

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

```
2581 \def\thesis@blocks@preamble{%
2582   \thesis@blocks@coverMatter
2583   \thesis@blocks@cover
2584   \thesis@blocks@titlePage
2585   \thesis@blocks@frontMatter
2586   \thesis@blocks@declaration
2587   \thesis@blocks@thanks
2588   \thesis@blocks@tables}
2589 \def\thesis@blocks@postamble{%
2590   \thesis@blocks@bibliography}
```

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	373, 602, 655, 684, 723, 836, 888, 917		309, 389, 1294, 1313, 2048, 2187, 2198
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## Change History

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



v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. <a href="http://github.com/liskin/fithesis">http://github.com/liskin/fithesis</a> . . .	1
v0.3.00	General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typo elements [VN] . . .	1
v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN] . . . . .	1
v0.3.02	General: PDF metadata stamping added for \thesisitle and \thesisstudent [VN] . . . . .	1
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] . . . . .	1
v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN] . . . . .	1
v0.3.05	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
v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN] . . . . .	1
v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN] . . . . .	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
v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] . . . . .	1
v0.3.10	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	
v0.3.11	General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths. Accounted for French spacing in the guide. Fixed the thesis@english@facultyName string. Documentation refinements. [VN] . . . . . 1	It is also no longer hard-coded to be hidden for rigorous theses. Instead, the \ifthesis@blocks@assignment conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN] . . . . . 1
		v0.3.14
		General: Updated the documentation. [VN] . . . . . 1
		v0.3.15
		General: Renamed \thesis@requireStyle to \thesis@requireWithOptions and moved the style loader from the \thesis@load routine to a new \thesis@requireStyle macro to make the semantics of \thesis@requireLocale and \thesis@requireStyle more similar. Changed the basepath, logopath, localepath and stylepath keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] . . . . . 1
v0.3.12	General: The subsections and subsections now use the correct tocdepth. [VN] . . . . . 1	
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous \thesis@blocks@clear block withing the definition of \thesis@blocks@frontMatter in the fss 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 med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted.	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 \thesis@lower{...} invocation in the definition of \thesis@czech@declaration for the Faculty of Arts into \thesis@lower{czech@...}, 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 fithesis3.ctan.zip archive. Updated the license notice. Added a README file. Canonicalized a url within the user guides. Renamed the root directory from fithesis3/ to fithesis/. Refactored the makefiles. Added developer example files. Renamed docstrip.cfg to LICENSE.tex to better describe its role. The fithesis.dtx file now generates a VERSION.tex file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN] . . . . .	1
v0.3.19	General: Updated the license. Added the fithesis- prefix to locale files. Proof-read and updated the documentation. Encapsulated the localeInheritance and styleInheritance setters. Added the \thesis@selectLocale{...}, which acts as a replacement for \def\thesis@locale{...}, 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 \thesis@selectLocale. The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN] . . . . .	1
v0.3.20	General: Removed an extraneous \hypersetup option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] . . . . .	1
v0.3.21	General: Fixed an invalid font name. [VN] . . . . .	1
v0.3.22	General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN] . . . . .	1
v0.3.23	General: Fixed a typo in the Slovak locale. [VN] . . . . .	1
v0.3.24	General: Added the \thesis@backend tunable. The hyphenation pattern switching now uses polyglossia instead of crude \language switching whenever possible. Added the opt-out microtype class option, which loads the microtypographic extension. The \thesis@locale@summer and @winter locale macros were renamed to @spring and @fall. The \thesis@parseDate now uses more realistic month ranges to set \thesis@season and \thesis@academicYear. Removed the extraneous indent in the \thesis@blocks@declaration macro definition within the style/mu/fithesis-fi.sty style file. \paragraphs are not included in the table of contents by default. The table class option now supports the tabu environment. The list of tables and the list of figures now have an entry in the table of contents for the style/mu/fithesis-econ.sty style file. [VN] . . . . .	1

v0.3.25	General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] . . . 1	locale, and <code>\thesis@selectLocale</code> now switches the <code>csquotes</code> style. [VN] . . . . . 1
v0.3.26	General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code> . [VN] . . . . . 1	v0.3.27:4 General: <code>\thesis@english@declaration</code> now uses the correct idiom (by one's own → on one's own). [VN] . . . . . 1
v0.3.27:1	General: Fixed a typo in the guide. Added a compatibility layer for <code>\title</code> , <code>\author</code> , and <code>\maketitle</code> . Minor changes of the documentation. [VN] . . . . . 1	v0.3.27:5 General: The PDF bookmarks are no longer garbled, when the LuaTeX engine is used. [VN] . . . . . 1
v0.3.27:2	General: <code>\thesis@selectLocale</code> is no longer performed globally for the entire document during <code>\thesis@load</code> (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's <code>\language</code> differs from <code>\thesis@locale</code> ). Instead, <code>\thesis@preamble</code> and <code>@postamble</code> now locally switch the locale and expand <code>\thesis@blocks@preamble</code> and <code>@postamble</code> , which are the new redefinables. Since this breaks the behaviour of <code>\thesis@blocks@mainMatter</code> , whose effects would also be local, <code>@mainMatter</code> is now executed directly by <code>\thesis@preamble</code> after closing the group and becomes a new part of the interface between the class and the style files. [VN] . . . . . 1	v0.3.28:1 General: The draft option has no longer an effect on the microtype package. The <code>\thesis@require</code> command now also takes an optional argument and the <code>\thesis@require-WithoutOption</code> command has become <code>\thesis@require-IfExists</code> . [VN] . . . . . 1
v0.3.27:3	General: As a preparation for the future inclusion of bibliography support, the <code>csquotes</code> package is loaded, <code>@csquotesStyle</code> is a new part of the locale interface that sets the <code>csquotes</code> style of a	v0.3.28:2 General: If the thesis locale and the document locale is the same (the default behaviour), the <code>\thesis@selectLocale</code> macro is applied globally at the beginning of the document. As a result, the <code>csquotes</code> style is automatically set for the entire document. [VN] . . . . . 1
		v0.3.29:1 General: The initial pages of the styles of the Masaryk University in Brno are no longer page-numbered, so that <code>hyperref</code> 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 <code>table</code> 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	v0.3.33	General: Added \thesis@patch. . . . .	1
v0.3.30		v0.3.34	General: Added visual tests of output PDFs. The test/ directory is now also uses the <i>university/faculty</i> path scheme employed by the rest of the package. . . . .	1
General: The \thesis@seasonYear macro has been added, which, unlike \thesis@year takes into account the fact that January and February of the year $n$ still belong to the fall semester of the year $n - 1$ . [VN] . . . . .	1	v0.3.35:1	General: Added support for the Division of Information and Library Studies of the Faculty of Arts at the Masaryk University in Brno. This support is enabled by specifying \thesis@department to be kisk. . . . .	1
v0.3.31:1		v0.3.35:2	General: Added support for seminar papers on the fithesis3 class level. The style files for the faculties of the Masaryk University in Brno do not provide any special handling of this thesis type yet. . . . .	1
General: The redefinitions of \appendix from the style/mu/fithesis-1*.clo files, which broke hyperref links to appendices, were removed. [VN] . . . . .	1	v0.3.35:3	General: Fixed \l@locale being possibly undefined in a LuaLaTeX run. . . . .	1
v0.3.31:2		v0.3.36	General: The \thesis@load macro has been lifted to the public API as \thesisload. . . . .	1
General: All trailing %s were removed. Some of the inherited fithesis2 code in the style/mu/fithesis-1*.clo and style/mu/fithesis-base.sty files was refactored and reformatted. Alternative templates for the Faculty of Science at the Masaryk University in Brno are now mentioned in the respective user guide. [VN] . . . . .	1	v0.3.37	General: The \tableofcontents in the style files of the Masaryk University in Brno now correctly handles all tocdepth values. The expansion of \part also no longer results in a hyperref-related error in the style files of the Masaryk University in Brno. . . . .	1
v0.3.31:3		v0.3.38:1	General: The bib key was added on the fithesis3 class level and is supported by the style files of the Masaryk University in Brno. . . . .	1
General: The style/mu/fithesis-sci.sty style file redefines \thesis@blocks@declaration to include a formatted date and an author's signature field. The locale file style/mu/sci/czech.def contains a new string \thesis@czech@formattedDate. [VN] . . . . .	1			
v0.3.32				
General: Fixed a regression from v0.3.27:2 – The margins in \thesis@blocks@mainMatter were corrected in the style files of the Faculty of Economics and Administration and the Faculty of Medicine at the Masaryk University in Brno. . . . .	1			

v0.3.38:2

General: Fixed \thesis@pages  
not taking \thesis@preamble  
into account. Fixed the chap-  
ter number being printed re-  
gardless of secnumdepth by  
the style files of the Masaryk

University in Brno. Fixed  
\thesis@blocks@assignment  
being typeset in Czech only by  
the style file of the Faculty of  
Science at the Masaryk Univer-  
sity in Brno. . . . . 1