

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

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## Abstract

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

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## 1 Required classes and packages

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

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

The class also requires the following packages:

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

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

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

## 2 Public API

### 2.1 Options

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

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

## 2.2 The `\thesissetup` macro

`\thesissetup` The main public macro is the `\thesissetup{<keyvals>}` command, where *keyvals* is a comma-delimited list of key-value pairs as defined by the `keyval` package. This macro needs to be included prior to the beginning of a  $\text{\LaTeX}$  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>
Bachelor's thesis	bc
Master's thesis	mgr
Doctoral thesis	d
Rigorous thesis	r



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The `{\langle programme=name\rangle}` pair sets the name of the author's study programme to *name*. Unlike the university and faculty identifiers, the programme *name* is only used for typesetting and it should therefore be specified in plain language with optional T<sub>E</sub>X macros. The *name* is stored within the `\thesis@programme` macro.

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

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

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

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

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

The `{\langle field=name\rangle}` pair sets the name of the author's field of study to *name*. Unlike the university and faculty identifiers, the *name* of the field of study is only used for typesetting and it should therefore be specified in plain language with optional T<sub>E</sub>X macros. The *name* is stored within the `\thesis@field` macro.

```

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

```

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

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

```

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

```

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

The `{\thesis@universityLogo=filename}` pair sets the filename of the logo file to be used as the university logo to *filename*. The *filename* is stored within the `\thesis@universityLogo` macro, whose implicit value is `fithesis-base`. The `fithesis-` prefix serves to prevent package clashes with other similarly named files within the  $\TeX$  directory structure. The logo file is loaded from the `\thesis@logopath\thesis@universityLogo` path.

```

132 \def\thesis@universityLogo{fithesis-base}
133 \define@key{thesis}{universityLogo}{%
134   \def\thesis@universityLogo{#1}}

```

#### `\thesis@facultyLogo` 2.2.19 The `facultyLogo` key

The `{\thesis@facultyLogo=filename}` pair sets the filename of the logo file to be used as the faculty logo to *filename*. The *filename* is stored within the `\thesis@facultyLogo` macro, whose implicit value is `fithesis-\thesis@faculty`. The `fithesis-` prefix serves to prevent package clashes with other similarly named files within the  $\TeX$  directory structure. The logo file is loaded from the `\thesis@logopath\thesis@facultyLogo` path.

```

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

```

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

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

```

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

```

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

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

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

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

The `{\locale=name}` pair sets the name of the main locale to *name*. The *name* is stored within the `\thesis@locale` macro, whose implicit value is the main language of either the `babel` or the `polyglossia` package, or `english`, when undefined. When the *name* is an empty token string, no locale files will be loaded during the main routine (see Section 3.1).

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

`\ifthesis@english` The English locale is special. Several parts of the document will typically be typeset in both the current locale and English. However, if the current locale is English, this would result in duplicity. To avoid this, the `\ifthesis@english ... \else ... \fi` conditional is made available for testing, whether or not the current locale is English.

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

```

167     false%
168   \fi\endcsname}

```

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

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

```

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

```

## 2.2.24 The date key

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

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

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

```

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

```

210 \def\thesis@place{Brno}
211 \define@key{thesis}{place}{{}%
212   \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  $\text{\LaTeX}$  `\title` macro also sets this key.

```

213 \thesis@def{title}
214 \define@key{thesis}{title}{%
215   \def\thesis@title{#1}}
216 \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.

```

217 \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`.

```

218 \def\thesis@TeXtitle{\thesis@title}
219 \define@key{thesis}{TeXtitle}{%
220   \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.

```

221 \thesis@def{titleEn}
222 \define@key{thesis}{titleEn}{%
223   \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`.

```

224 \def\thesis@TeXtitleEn{\thesis@titleEn}
225 \define@key{thesis}{TeXtitleEn}{%
226   \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.

```

227 \thesis@def{keywords}
228 \define@key{thesis}{keywords}{%
229   \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.

```
230 \def\thesis@TeXkeywords{\thesis@keywords}
231 \define@key{thesis}{TeXkeywords}{%
232   \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.

```
233 \thesis@def{keywordsEn}
234 \define@key{thesis}{keywordsEn}{%
235   \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.

```
236 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
237 \define@key{thesis}{TeXkeywordsEn}{%
238   \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.

```
239 \thesis@def{abstract}
240 \long\def\KV@thesis@abstract#1{%
241   \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.

```
242 \thesis@def{abstractEn}
243 \long\def\KV@thesis@abstractEn#1{%
244   \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.

```
245 \thesis@def{advisor}  
246 \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.

```
247 \long\def\KV@thesis@thanks#1{%  
248   \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.

```
249 \define@key{thesis}{assignment}{%  
250   \def\thesis@assignmentFiles{#1}}
```

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

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

```
251 \newif\ifthesis@auto\thesis@autotrue  
252 \define@key{thesis}{autoLayout}[true]{%  
253   \def\@true{true}%  
254   \def\@arg{#1}%  
255   \ifx\@true\@arg%  
256     \thesis@autotrue%  
257   \else%  
258     \thesis@autofalse%  
259   \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.

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

`\thesis@blocks@mainMatter` 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.

```

260 \def\thesis@preamble{%
261   {\thesis@selectLocale{\thesis@locale}%
262    \thesis@blocks@preamble\clearpage}
263   \thesis@blocks@mainMatter}
264
265 \def\thesis@postamble{%
266   \thesis@selectLocale{\thesis@locale}%
267   \thesis@blocks@postamble}}
268
269 \let\thesis@blocks@preamble\relax
270 \let\thesis@blocks@postamble\relax
271 \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

```

272 \long\def\thesislong#1#2{%
273   \csname KV@thesis@#1\endcsname{#2}}

```

# 3 Private API

## 3.1 Main routine

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

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

```

274 \newif\ifthesis@loaded\thesis@loadedfalse
275 \AtEndPreamble{\thesis@load}
276 \def\thesis@load{%
277   \ifthesis@loaded\else%
278     \thesis@loadedtrue
279     \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.

```
280 \ifx\thesis@locale\empty\else
281 \edef\thesis@locale{\thesis@locale}
282 \thesis@requireLocale{\thesis@locale}
```

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

```
283 \ifx\language\empty\else
284 \begingroup
285 \edef\@doclocale{\language}%
286 \ifx\@doclocale\thesis@locale
287 \endgroup
288 \AtBeginDocument{%
289 \thesis@selectLocale{\thesis@locale}}%
290 \else
291 \endgroup
292 \fi
293 \fi
294 \fi
```

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

```
295 \ifx\thesis@style\empty\else
296 \thesis@requireStyle{\thesis@style}
297 \fi
```

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

- Title is set to `\thesis@title`.
- Author is set to `\thesis@author`.
- Keywords is set to `\thesis@keywords`.
- Creator is set to 2015/12/03 v0.3.28 fithesis3 MU thesis class.

```
298 \thesis@require{hyperref}
299 \hypersetup{
300 unicode=true,
301 pdfencoding=auto,
302 pdftitle=\thesis@title,
303 pdfauthor=\thesis@author,
304 pdfkeywords=\thesis@keywords,
305 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.

```

306     \ifthesis@auto
307         \AtBeginDocument{\thesis@preamble}
308         \AtEndDocument{\thesis@postamble}
309     \fi
310     \makeatother
311 \fi}

```

## 3.2 File manipulation macros

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

```

312 \def\thesis@exists#1#2{%
313     \IfFileExists{#1}{#2}{%
314         \ClassWarning{fithesis3}{File #1 doesn't exist}}

```

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

```

315 \def\thesis@input#1{%
316     \thesis@exists{#1}{\input{#1}}

```

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

```

317 \newcommand\thesis@require[2][{}]{%
318     \ifpackageloaded{#2}{\RequirePackage{#1}{#2}}

```

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

```

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

```

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

1. `\thesis@stylepath fithesis-base.sty`
2. `\thesis@stylepath\thesis@university/fithesis-base.sty`
3. `\thesis@stylepath style.sty`

If inheritance is disabled for style files, then only the last listed file is loaded. The `fithesis-` prefix serves to prevent package clashes with other similarly named package files within the T<sub>E</sub>X directory structure.

```

321 \def\thesis@requireStyle#1{%
322     \ifthesis@style@inheritance%
323         \thesis@requireIfExists{\thesis@stylepath fithesis-base}%

```

```

324 \thesis@requireIfExists{\thesis@stylepath\thesis@university%
325 /fithesis-base}
326 \fi%
327 \thesis@requireIfExists{\thesis@stylepath#1}}

```

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

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

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

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

```

328 \def\thesis@requireLocale#1{%
329 % Ignore redundant requests
330 \expandafter\ifx\csname thesis@#1@required\endcsname\relax%
331 \expandafter\def\csname thesis@#1@required\endcsname{%}%
332 \@ifpackageloaded{polyglossia}{\setotherlanguage{#1}}{}%
333 \thesis@input{\thesis@localepath fithesis-#1.def}%
334 \ifthesis@locale@inheritance%
335 \thesis@input{\thesis@localepath\thesis@university/%
336 fithesis-#1.def}%
337 \thesis@input{\thesis@localepath\thesis@university/%
338 \thesis@faculty/fithesis-#1.def}%
339 \fi
340 \fi}

```

### 3.3 String manipulation macros

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

```

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

```

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

```

342 \def\thesis@@#1{\thesis@{\thesis@locale @#1}}

```

`\thesis@lower`    The `\thesis@lower` and `\thesis@upper` macros are used for upper- and lowercas-  
`\thesis@upper`    ing within locale files. To cast the `\thesis@name` macro to the lower- or uppercase,  
`\thesis@lower{name}` or `\thesis@upper{name}` would be used, respectively. The  
*name* gets fully expanded and can therefore contain active characters and command  
sequences.

```

343 \def\thesis@lower#1{%
344   \let\ea\expandafter%
345   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\lowercase\ea\ea\ea
346   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
347   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
348   sis#1\endcsname\endcsname}%
349 \def\thesis@upper#1{%
350   \let\ea\expandafter%
351   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\uppercase\ea\ea\ea
352   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
353   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
354   sis#1\endcsname\endcsname}%

```

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

```

355 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
356 \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`.

```

357 \def\thesis@head#1 #2{%
358   \ifx\relax#2%
359     \expandafter\@gobbletwo%
360   \else%
361     \ #1%
362   \fi%
363   \thesis@head#2}%
364 \def\thesis@tail#1 #2{%
365   \ifx\relax#2%
366     #1%
367   \expandafter\@gobbletwo%
368   \fi%
369   \thesis@tail#2}%

```

### 3.4 General purpose macros

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

```

370 \AtEndDocument{\write\@auxout{\noexpand\gdef\noexpand\thesis@pages{\thepage}}}
371 \ifx\thesis@pages\undefined\def\thesis@pages{??}\fi

```

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

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

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

```

372 \AtEndPreamble{\thesis@require{csquotes}}
373 \def\thesis@selectLocale#1{%
374   \edef\thesis@locale{#1}%
375   \csq@setstyle{\thesis@@{csquotesStyle}}%
376   \ltx@ifpackage{loaded}{polyglossia}{%
377     \selectlanguage{\thesis@locale}
378   }{%
379     \language\csname l@{\thesis@locale}\endcsname
380   }}

```

### 3.5 Locale files

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

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

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

#### 3.5.1 Interface

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

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

- `\thesis@locale@declaration` – The thesis declaration text
- `\thesis@locale@fieldTitle` – The title of the field of study entry
- `\thesis@locale@advisorTitle` – The title of the advisor entry
- `\thesis@locale@authorTitle` – The title of the author entry
- `\thesis@locale@abstractTitle` – The title of the abstract section
- `\thesis@locale@keywordsTitle` – The title of the keywords section
- `\thesis@locale@thanksTitle` – The title of the acknowledgement section
- `\thesis@locale@declarationTitle` – The title of the declaration section
- `\thesis@locale@idTitle` – The title of the thesis author’s identifier field
- `\thesis@locale@spring` – The name of the spring semester
- `\thesis@locale@fall` – The name of the fall semester
- `\thesis@locale@semester` – The full name of the current semester
- `\thesis@locale@typeName` – The name of the thesis type

where *locale* is the name of the locale.

### 3.5.2 English locale files

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

This is the base file of the English locale.

```
381 \ProvidesFile{fithesis/locale/fithesis-english.def}[2015/11/29]
```

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

```
382
383 % Placeholders
384 \gdef\thesis@english@universityName{University name}
385 \gdef\thesis@english@facultyName{Faculty name}
386 \gdef\thesis@english@assignment{Replace this page with a copy
387   of the official signed thesis assignment.}
388 \gdef\thesis@english@declaration{Declaration text ...}
389
390 % Csquotes style
391 \gdef\thesis@english@csquotesStyle{english}
392
393 % Miscellaneous
394 \gdef\thesis@english@fieldTitle{Field of study}
395 \gdef\thesis@english@advisorTitle{Advisor}
396 \gdef\thesis@english@authorTitle{Author}
397 \gdef\thesis@english@abstractTitle{Abstract}
398 \gdef\thesis@english@keywordsTitle{Keywords}
```



```

399 \gdef\thesis@english@thanksTitle{Acknowledgement}
400 \gdef\thesis@english@declarationTitle{Declaration}
401 \gdef\thesis@english@idTitle{ID}
402 \gdef\thesis@english@spring{Spring}
403 \gdef\thesis@english@fall{Fall}
404 \gdef\thesis@english@semester{%
405   \thesis@{english@\thesis@season} \thesis@year}
406 \gdef\thesis@english@typeName{%
407   \ifx\thesis@type\thesis@bachelors%
408     Bachelor's Thesis%
409   \else\ifx\thesis@type\thesis@masters%
410     Master's Thesis%
411   \else\ifx\thesis@type\thesis@doctoral%
412     Doctoral Thesis%
413   \else\ifx\thesis@type\thesis@rigorous%
414     Rigorous Thesis%
415   \else%
416     <<Unknown thesis type (\thesis@type)>>%
417   \fi\fi\fi\fi}

```

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

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

```

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

```

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

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

```

428 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
429 \gdef\thesis@english@facultyName{Faculty of Law}
430 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
431   Masaryk University}

```

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

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

```
432 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
433
434 % Placeholders
435 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
436
437 % Miscellaneous
438 \gdef\thesis@english@fieldTitle{Specialization}
```

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

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

```
439 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]
440
441 % Placeholders
442 \gdef\thesis@english@facultyName{Faculty of Social Studies}
443 \gdef\thesis@english@assignment{Replace this page with a copy
444   of the official signed thesis assignment or the copy of the
445   Statement of an Author or both, depending on the requirements of
446   the respective department.}
```

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

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

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

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

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

```
450 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]
451
452 % Miscellaneous
453 \gdef\thesis@english@abstractTitle{Annotation}
```

```

454
455 % Placeholders
456 \gdef\thesis@english@facultyName{Faculty of Medicine}
457
458 % Bibliographic entry
459 \gdef\thesis@english@bib@title{Bibliographic record}
460 \gdef\thesis@english@bib@pages{p}

```

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

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

```

461 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
462
463 % Placeholders
464 \gdef\thesis@english@facultyName{Faculty of Informatics}
465 \gdef\thesis@english@assignment{Replace this page with a copy
466   of the official signed thesis assignment and the copy of the
467   Statement of an Author.}
468
469 % Others
470 \gdef\thesis@english@advisorSignature{Signature of Thesis
471   \thesis@english@advisorTitle}

```

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

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

```

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

```

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

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

```

474 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2015/06/26]
475
476 % Placeholders
477 \gdef\thesis@english@facultyName{Faculty of Education}
478
479 % Bibliographic entry
480 \gdef\thesis@english@bib@title{Bibliographic record}

```

```
481 \gdef\thesis@english@bib@pages{p}
```

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

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

```
482 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]
483
484 % Placeholders
485 \gdef\thesis@english@facultyName{Faculty of Science}
486
487 % Miscellaneous
488 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
489
490 % Bibliographic entry
491 \gdef\thesis@english@bib@title{Bibliographic entry}
492 \global\let\thesis@english@bib@author\thesis@english@authorTitle
493 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
494 \gdef\thesis@english@bib@programme{Degree Programme}
495 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
496 \gdef\thesis@english@bib@advisor{Supervisor}
497 \gdef\thesis@english@bib@academicYear{Academic Year}
498 \gdef\thesis@english@bib@pages{Number of Pages}
499 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle
```

## 3.5.3 Czech locale files

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

This is the base file of the Czech locale.

```
500 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2015/11/29]
```

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.

```
501
502 % Pomocná makra
503 \gdef\thesis@czech@gender@koncovka{%
504   \ifthesis@woman a\fi}
505
506 % Csquotes styl
```

```

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

```

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

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

```
553 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/11/17]
554
555 % Zástupné texty
556 \gdef\thesis@czech@universityName{Masarykova univerzita}
557 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
558 \thesis@lower@czech@typeName@akuzativ} zpracoval%
559 \thesis@czech@gender@koncovka\ samostatně a
560 použil\thesis@czech@gender@koncovka\ jen prameny
561 uvedené~v seznamu literatury.}
562
563 % Různé
564 \gdef\thesis@czech@idTitle{UČO}
```

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

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

```
565 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
566
567 % Různé
568 \gdef\thesis@czech@abstractTitle{Abstrakt}
569
570 % Zástupné texty
571 \gdef\thesis@czech@facultyName{Právnická fakulta}
572 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
573 univerzity}
```

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

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

```
574 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
575
576 % Zástupné texty
577 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
578
579 % Různé
580 \gdef\thesis@czech@fieldTitle{Specializace}
```

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

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

```
581 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
582
583 % Zástupné texty
584 \gdef\thesis@czec@facultyName{Fakulta sociálních studií}
585 \gdef\thesis@czec@assignment{Místo tohoto listu
586 vložíte kopie oficiálního podepsaného zadání práce nebo
587 prohlášení autora školního díla nebo obojí~v závislosti na
588 požadavcích příslušné katedry.}
589
```

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

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

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

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

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

```
592 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2015/06/26]
593
594 % Různé
595 \gdef\thesis@czec@abstractTitle{Anotace}
596
597 % Zástupné texty
598 \gdef\thesis@czec@facultyName{Lékařská fakulta}
599
600 % Bibliografický záznam
601 \gdef\thesis@czec@bib@title{Bibliografický záznam}
602 \gdef\thesis@czec@bib@pages{str}
```

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

This is the Czech locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the declaration string in accordance with the requirements of the faculty. The file also defines the advisorSignature string required by the

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

```
603 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
604
605 % Zástupné texty
606 \gdef\thesis@czech@facultyName{Fakulta informatiky}
607 \gdef\thesis@czech@assignment{Místo tohoto listu
608 vložíte kopie oficiálního podepsaného zadání práce a
609 prohlášení autora školního díla.}
610 \gdef\thesis@czech@declaration{%
611 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
612 původním autorským dílem, které jsem vypracoval%
613 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
614 prameny a literaturu, které jsem při vypracování
615 používal\thesis@czech@gender@koncovka\ nebo z nich
616 čerpal\thesis@czech@gender@koncovka, v práci řádně cituji
617 s uvedením úplného odkazu na příslušný zdroj.}
618
619 % Ostatní
620 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
```

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

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

```
621 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2015/06/26]
622
623 % Zástupné texty
624 \gdef\thesis@czech@facultyName{Filozofická fakulta}
625 \gdef\thesis@czech@declaration{%
626 Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
627 vypracoval\thesis@czech@gender@koncovka\ samostatně s využitím
628 uvedených literatur.}
629
630 % Ostatní
631 \gdef\thesis@czech@typeName{%
632 \ifx\thesis@type\thesis@bachelors%
633 Bakalářská diplomová práce%
634 \else\ifx\thesis@type\thesis@masters%
635 Magisterská diplomová práce%
636 \else\ifx\thesis@type\thesis@doctoral%
637 Disertační práce%
638 \else%
639 <<Neznámý typ práce (\thesis@type)>>%
640 \fi\fi\fi}
641 \gdef\thesis@czech@typeName@akuzativ{%
642 \ifx\thesis@type\thesis@bachelors%
```



```

643   Diplomovou práci%
644   \else\ifx\thesis@type\thesis@masters%
645     Diplomovou práci%
646   \else\ifx\thesis@type\thesis@doctoral%
647     Disertační práci%
648   \else%
649     <<Neznámý typ práce (\thesis@type)>>%
650   \fi\fi\fi}

```

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

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

```

651 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2015/06/26]
652
653 % Zástupné texty
654 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
655
656 % Bibliografický záznam
657 \gdef\thesis@czech@bib@title{Bibliografický záznam}
658 \gdef\thesis@czech@bib@pages{str}

```

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

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

```

659 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2015/06/26]
660
661 % Zástupné texty
662 \gdef\thesis@czech@facultyName{Přirodovědecká fakulta}
663
664 % Ostatní
665 \gdef\thesis@czech@abstractTitle{Abstrakt}
666 \gdef\thesis@czech@declaration{%
667   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName}%
668   akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
669   statně s využitím informačních zdrojů, které jsou v práci
670   citovány.}
671
672 % Bibliografický záznam
673 \gdef\thesis@czech@bib@title{Bibliografický záznam}
674 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle

```

```

675 \gdef\thesis@czech@bib@thesisTitle{Název práce}
676 \gdef\thesis@czech@bib@programme{Studijní program}
677 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
678 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
679 \gdef\thesis@czech@bib@academicYear{Akademický rok}
680 \gdef\thesis@czech@bib@pages{Počet stran}
681 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle

```

### 3.5.4 Slovak locale files

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

This is the base file of the Slovak locale.

```
682 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2015/11/29]
```

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.

```

683
684 % Pomocná makrá
685 \gdef\thesis@slovak@gender@koncovka{%
686   \ifthesis@woman a\fi}
687
688 % Csquotes štýl
689 \gdef\thesis@slovak@csquotesStyle{german}
690
691 % Zástupné texty
692 \gdef\thesis@slovak@universityName{Názov univerzity}
693 \gdef\thesis@slovak@facultyName{Názov fakulty}
694 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
695   oficiálneho podpísaného zadania práce.}
696 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
697
698 % Rôzne
699 \gdef\thesis@slovak@fieldTitle{Odbor}
700 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
701 \gdef\thesis@slovak@authorTitle{Autor}
702 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
703 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
704 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
705 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
706 \gdef\thesis@slovak@idTitle{ID}
707 \gdef\thesis@slovak@spring{jar}
708 \gdef\thesis@slovak@fall{jeseň}
709 \gdef\thesis@slovak@semester{%

```

```

710 \thesis@{slovak@\thesis@season} \thesis@year}
711 \gdef\thesis@slovak@typeName{%
712 \ifx\thesis@type\thesis@bachelors%
713   Bakalárska práca%
714 \else\ifx\thesis@type\thesis@masters%
715   Diplomová práca%
716 \else\ifx\thesis@type\thesis@doctoral%
717   Dizertačná práca%
718 \else\ifx\thesis@type\thesis@rigorous%
719   Rigorózna práca%
720 \else%
721   <<Neznámy typ práce (\thesis@type)>>%
722 \fi\fi\fi\fi}
723 \gdef\thesis@slovak@typeName@akuzativ{%
724 \ifx\thesis@type\thesis@bachelors%
725   Bakalársku prácu%
726 \else\ifx\thesis@type\thesis@masters%
727   Diplomovú prácu%
728 \else\ifx\thesis@type\thesis@doctoral%
729   Dizertačnú prácu%
730 \else\ifx\thesis@type\thesis@rigorous%
731   Rigoróznú prácu%
732 \else%
733   <<Neznámy typ práce (\thesis@type)>>%
734 \fi\fi\fi\fi}

```

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

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

```

735 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/11/17]
736
737 % Zástupné texty
738 \gdef\thesis@slovak@universityName{Masarykova univerzita}
739 \gdef\thesis@slovak@declaration{%
740   Prehlasujem, že som predloženú \thesis@lower{%
741     slovak@typeName@akuzativ} vypracoval%
742   \thesis@slovak@gender@koncovka\ samostatne len s~použitím
743   uvedenej literatúry a prameňov.}
744
745 % Rôzne
746 \gdef\thesis@slovak@idTitle{UČO}

```

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

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

\thesis@blocks@titlePage blocks and replaces the abstractTitle string in accordance with the requirements of the faculty.

```
747 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
748
749 % Rôzne
750 \gdef\thesis@slovak@abstractTitle{Abstrakt}
751
752 % Zástupné texty
753 \gdef\thesis@slovak@facultyName{Právnická fakulta}
754 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
755 univerzity}
```

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

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

```
756 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
757
758 % Zástupné texty
759 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
760
761 % Rôzne
762 \gdef\thesis@slovak@fieldTitle{Špecializácie}
```

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

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

```
763 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
764
765 % Zástupné texty
766 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
767 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
768 oficiálneho podpísaného zadania práce alebo prehlásenie autora
769 školského diela alebo obidve v závislosti na požiadavkách
770 príslušnej katedry.}
```

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

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

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

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

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

```
773 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]
774
775 % Rôzne
776 \gdef\thesis@slovak@abstractTitle{Anotácie}
777
778 % Zástupné texty
779 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
780
781 % Bibliografický zoznam
782 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
783 \gdef\thesis@slovak@bib@pages{str}
```

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

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

```
784 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
785
786 % Zástupné texty
787 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
788 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
789 oficiálneho podpísaného zadania práce a prehlásenie autora
790 školského diela.}
791 \gdef\thesis@slovak@declaration{%
792 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
793 pôvodným autorským dielom, ktoré som vypracoval%
794 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
795 pramene a literatúru, ktoré som pri vypracovaní
796 používal\thesis@slovak@gender@koncovka\ alebo z~nich
797 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
798 s~uvedením úplného odkazu na príslušný zdroj.}
799
800 % Rôzne
801 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
```

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

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

```
802 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2015/06/26]
803
804 % Zástupné texty
805 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
806 \gdef\thesis@slovak@declaration{%
807   Prehlasujem, že som predloženú \thesis@lower{%
808     slovak@typeName@akuzativ} vypracoval%
809     \thesis@slovak@gender@koncovka\ samostatne na
810     základe vlastných zistení a len s~použitím
811     uvedenej literatúry a prameňov.}
812
813 % Rôzne
814 \gdef\thesis@slovak@typeName{%
815   \ifx\thesis@type\thesis@bachelors%
816     Bakalárska diplomová práca%
817   \else\ifx\thesis@type\thesis@masters%
818     Magisterská diplomová práca%
819   \else\ifx\thesis@type\thesis@doctoral%
820     Dizertačná práca%
821   \else%
822     <<Neznámy typ práce (\thesis@type)>>%
823   \fi\fi\fi}
824 \gdef\thesis@slovak@typeName@akuzativ{%
825   \ifx\thesis@type\thesis@bachelors%
826     Diplomovú prácu%
827   \else\ifx\thesis@type\thesis@masters%
828     Diplomovú prácu%
829   \else\ifx\thesis@type\thesis@doctoral%
830     Dizertačnú prácu%
831   \else%
832     <<Neznámy typ práce (\thesis@type)>>%
833   \fi\fi\fi}
```

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

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

```
834 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]
835
836 % Zástupné texty
```

```

837 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
838
839 % Bibliografický zoznam
840 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
841 \gdef\thesis@slovak@bib@pages{str}

```

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

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

```

842 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
843
844 % Zástupné texty
845 \gdef\thesis@slovak@facultyName{Přirodovedecká fakulta}

```

## 3.6 Style files

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

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

### 3.6.1 Interface

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

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

### 3.6.2 Base style files

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

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

```

846 \NeedsTeXFormat{LaTeX2e}
847 \ProvidesPackage{fithesis/style/fithesis-base}[2015/06/23]

```

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

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

```
848 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2015/11/17]
849 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

- 10pt, 11pt, 12pt – Sets the type size to 10, 11 or 12 points respectively.
- 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.
- onecolumn, twocolumn – The document is going to be set in either a single column or in two columns, respectively.
- 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.
- 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.
- 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.
- microtype, nomicrotype – The microtypographic extension of modern TeX engines – such as pdfTeX, XeTeX, or LuaTeX – is or isn't going to be enabled, respectively. The \ifthesis@microtype@ conditional is set to either true or false, respectively.
- 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. 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 fthesis3 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.

- lot, nolot – \listoftables either is or isn't going to be included in the \thesis@blocks@tables block, respectively.
- lof, nolof – \listoffigures is or isn't going to be included in the \thesis@blocks@tables block, respectively.
- 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.

```

850 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
851 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
852 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
853 \newif\ifthesis@twoside@
854 \DeclareOption{oneside}{%
855   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
856 \DeclareOption{twoside}{%
857   \thesis@twoside@true\@twosidettrue\@mparswitchtrue}
858 \DeclareOption{onecolumn}{\@twocolumnfalse}
859 \DeclareOption{twocolumn}{\@twocolumntrue}
860 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
861 \DeclareOption{final}{\setlength\overfullrule{0pt}}
862 \newif\ifthesis@color@
863 \DeclareOption{monochrome}{\thesis@color@false}
864 \DeclareOption{color}{\thesis@color@true}
865 \newif\ifthesis@microtype@
866 \DeclareOption{microtype}{\thesis@microtype@true}
867 \DeclareOption{nomicrotype}{\thesis@microtype@false}
868 \newif\ifthesis@palatino@
869 \DeclareOption{palatino}{\thesis@palatino@true}
870 \DeclareOption{nopalatino}{\thesis@palatino@false}
871 \newif\ifthesis@newtable@
872 \DeclareOption{table}{\thesis@newtable@true}
873 \DeclareOption{oldtable}{\thesis@newtable@false}
874 \DeclareOption{nolot}{\def\thesis@blocks@lot{}}
875 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
876 \DeclareOption{nolof}{\def\thesis@blocks@lof{}}
877 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
878 \newif\ifthesis@cover@
879 \DeclareOption{nocover}{\thesis@cover@false}
880 \DeclareOption{cover}{\thesis@cover@true}

```

These are the default options:

```

881 \ExecuteOptions{12pt,twoside,final,monochrome,microtype,%
882   palatino,oldtable,lot,lof,nocover}
883 \ProcessOptions

```

The file uses English locale strings within the macros.

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

The file loads the following packages:

- `xcolor` – Adds support for color manipulation.
- `ifxetex` – Used to detect the  $\text{\XeTeX}$  engine.
- `ifluatex` – Used to detect the  $\text{\LuaTeX}$  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.

```

885 \thesis@require{xcolor}
886 \thesis@require{graphicx}
887 \thesis@require{pdfpages}
888 \thesis@require{keyval}
889 \thesis@require{ifxetex}
890 \thesis@require{ifluatex}

```

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

```

891 \ifthesis@microtype@
892   \thesis@require[final,babel]{microtype}
893 \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  $\text{\XeTeX}$  or the  $\text{\LuaTeX}$  engine is being used.

```

894 {\let\x\expandafter
895 \x\global\x\let\x\ifthesis@xeluatex\csname if%
896   \ifxetex true\else
897     \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
898     \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
899     \fi
900   \fi\endcsname}

```

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

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

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

```

901 \ifthesis@xeluatex
902   \ifthesis@palatino@
903     \thesis@require{fontspec}
904     \thesis@require{unicode-math}
905     \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
906     \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]{%
907       {texgyrepagella-math.otf}
908   \fi

```

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

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

```

909 \else
910   \ifthesis@palatino@
911     \RequirePackage[resetfonts]{cmap}
912     \thesis@require{lmodern}
913     \thesis@require{mathpazo}
914     \thesis@require{tgpagella}
915     \RequirePackage[T1]{fontenc}
916   \fi
917 \fi

```

If the `\thesis@newtable@` and `\thesis@color@` conditionals are true, then the following packages get 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  $\text{\LaTeX}$ .

Subsequently, the `tabular` and `tabularx` environments are redefined to better match the style of the given faculty.

`\thesis@newtable@old`      The `\thesis@newtable@old` and `\endthesis@newtable@old` macros contain-  
`\endthesis@newtable@old`

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

```
\thesis@newtable@oldx
\endthesis@newtable@oldx
\thesis@newtable@oldtabu
\endthesis@newtable@oldtabu

918 \let\thesis@newtable@old\tabular
919 \let\endthesis@newtable@old\endtabular
920 \ifthesis@newtable@ifthesis@color@
921   \thesis@require{tabularx}
922   \thesis@require{tabu}
923   \thesis@require{booktabs}
924   % The redefinition of 'tabular'
925   \renewenvironment{tabular}%
926     {\rowcolors{1}{thesis@color@tableOdd}%
927       {thesis@color@tableEven}%
928     \thesis@newtable@old}%
929     {\endthesis@newtable@old}
930   % The redefinition of 'tabularx'
931   \let\thesis@newtable@oldx\tabularx
932   \let\endthesis@newtable@oldx\endtabularx
933   \renewenvironment{tabularx}%
934     {\rowcolors{1}{thesis@color@tableOdd}%
935       {thesis@color@tableEven}%
936     \thesis@newtable@oldx}%
937     {\endthesis@newtable@oldx}
938   % The redefinition of 'tabu'
939   \let\thesis@newtable@oldtabu\tabu
940   \let\endthesis@newtable@oldtabu\endtabu
941   \renewenvironment{tabu}%
942     {\rowcolors{1}{thesis@color@tableOdd}%
943       {thesis@color@tableEven}%
944     \thesis@newtable@oldtabu}%
945     {\endthesis@newtable@oldtabu}
946   % Adjust the measurements
947   \setlength{\aboverulesep}{0pt}
948   \setlength{\belowrulesep}{0pt}
949   \setlength{\extrarowheight}{.75ex}
950 \fi\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.

```
951 \thesis@require{hyperref}
952 \hypersetup{
953   pdfborderstyle={/S/U/W 1}, % Less obtrusive borders
954   plainpages=false}          % Multiple page numbering support
```

Clubs and widows are set to be infinitely bad.

```
955 \widowpenalty 10000
956 \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.

```
957 \def\thesis@color@setup#1{%
958   \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.

```
959 \define@key{thesis@color}{links}{%
960   \definecolor{thesis@color@links}#1
961   \hypersetup{linkbordercolor=thesis@color@links}}
962 \define@key{thesis@color}{tableOdd}{%
963   \definecolor{thesis@color@tableOdd}#1}
964 \define@key{thesis@color}{tableEven}{%
965   \definecolor{thesis@color@tableEven}#1}
966 \define@key{thesis@color}{tableEmph}{%
967   \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@frontMatter` The `\thesis@blocks@frontMatter` macro sets up the style of the front matter of the thesis.

```
968 \def\thesis@blocks@frontMatter{%
969   \thesis@blocks@clear
970   \pagestyle{plain}
971   \parindent 1.5em
972   \setcounter{page}{1}
973   \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.

```
974 \def\thesis@blocks@clear{%
975   \ifthesis@twoside%
976     \clearpage%
```

```

977 \thispagestyle{empty}%
978 \cleardoublepage%
979 \else%
980 \newpage%
981 \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.
982 \def\thesis@blocks@clearRight{%
983 \ifthesis@twoside%
984 \clearpage%
985 \ifodd\value{page}%
986 \thispagestyle{empty}%
987 \hbox{}%
988 \newpage%
989 \fi%
990 \else%
991 \newpage%
992 \fi}

\thesis@blocks@facultyLogo@monochrome The \thesis@blocks@facultyLogo@monochrome[options] macro typesets the
\thesis@logopath\thesis@facultyLogo logo with the given options passed to
\includegraphics.
993 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
994 [width=40mm]{%
995 \edef\@path{\thesis@logopath\thesis@facultyLogo}%
996 \includegraphics[#1]{\@path}}

\thesis@blocks@facultyLogo@color The \thesis@blocks@facultyLogo@color[options] macro typesets either the
\thesis@logopath\thesis@facultyLogo logo, if the \ifthesis@color@ condi-
tional is false, or the \thesis@logopath\thesis@facultyLogo-color logo oth-
erwise with the given options passed to \includegraphics.
997 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
998 [width=40mm]{%
999 \edef\@path{\thesis@logopath\thesis@facultyLogo%
1000 \ifthesis@color@-color\fi}%
1001 \includegraphics[#1]{\@path}}

\thesis@blocks@universityLogo@monochrome The \thesis@blocks@universityLogo@monochrome[options] macro typesets the
\thesis@logopath\thesis@universityLogo logo with the given options passed to
\includegraphics.
1002 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1003 [width=40mm]{%
1004 \edef\@path{\thesis@logopath\thesis@universityLogo}%
1005 \includegraphics[#1]{\@path}}

\thesis@blocks@universityLogo@color The \thesis@blocks@universityLogo@color[options] macro typesets either the
\thesis@logopath\thesis@universityLogo logo, if the \ifthesis@color@ con-

```

ditional is false, or the `\thesis@logopath\thesis@universityLogo-color` logo otherwise with the given *options* passed to `\includegraphics`.

```
1006 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1007   [width=40mm]{%
1008     \edef\@path{\thesis@logopath\thesis@universityLogo%
1009       \ifthesis@color@-color\fi}%
1010     \includegraphics[#1]{\@path}}
```

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

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

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

```
1011 \def\thesis@blocks@cover{%
1012   \ifthesis@cover@%
1013     \thesis@blocks@clear%
1014     \begin{alwaysingle}%
1015       \thispagestyle{empty}%
1016       \begin{center}%
1017         \thesis@blocks@cover@header%
1018         \thesis@blocks@facultyLogo@monochrome\[\[0.4in]%
1019         \let\footnotesize\small%
1020         \let\footnoterule\relax}%
1021         \thesis@blocks@cover@content%
1022         \par\vfill%
1023         \thesis@blocks@cover@footer%
1024       \end{center}%
1025     \end{alwaysingle}%
1026   \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.

```

1027 \newif\ifthesis@blocks@cover@university@
1028 \thesis@blocks@cover@university@true
1029 \newif\ifthesis@blocks@cover@faculty@
1030 \thesis@blocks@cover@faculty@true
1031 \newif\ifthesis@blocks@cover@department@
1032 \thesis@blocks@cover@department@false
1033 \newif\ifthesis@blocks@cover@field@
1034 \thesis@blocks@cover@field@false
1035
1036 \def\thesis@blocks@cover@header{%
1037   {\sc\ifthesis@blocks@cover@university@%
1038     \thesis@titlePage@LARGE\thesis@{universityName}\\%
1039     \fi\ifthesis@blocks@cover@faculty@%
1040       \thesis@titlePage@Large\thesis@{facultyName}\\%
1041       \fi\ifthesis@blocks@cover@department@%
1042         \thesis@titlePage@large\thesis@department\\%
1043         \fi}
1044   \ifthesis@blocks@cover@field@%
1045     {\thesis@titlePage@large\vskip 1em%
1046       {\bf\thesis@{fieldTitle}:} \thesis@field}%
1047   \fi\vskip 2em}
1048 \def\thesis@blocks@cover@content{%
1049   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1050   \vskip 0.8in%
1051   {\thesis@titlePage@large\sc\thesis@{typeName}}\[\[0.3in]%
1052   {\thesis@titlePage@Large\bf\thesis@author}}
1053 \def\thesis@blocks@cover@footer{%
1054   {\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.

```

1055 \def\thesis@blocks@titlePage{%
1056   \thesis@blocks@clear%
1057   \begin{alwaysssingle}%
```



```

1058 \thispagestyle{empty}%
1059 \begin{center}%
1060 \thesis@blocks@titlePage@header%
1061 \thesis@blocks@facultyLogo@color\[\[0.4in]%
1062 \let\footnotesize\small%
1063 \let\footnoterule\relax}%
1064 \thesis@blocks@titlePage@content%
1065 \par\vfill%
1066 \thesis@blocks@titlePage@footer%
1067 \end{center}%
1068 \end{alwaysssingle}}

```

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.

```

1069 \newif\ifthesis@blocks@titlePage@university@
1070 \thesis@blocks@titlePage@university@true
1071 \newif\ifthesis@blocks@titlePage@faculty@
1072 \thesis@blocks@titlePage@faculty@true
1073 \newif\ifthesis@blocks@titlePage@department@
1074 \thesis@blocks@titlePage@department@false
1075 \newif\ifthesis@blocks@titlePage@field@
1076 \thesis@blocks@titlePage@field@false
1077
1078 \def\thesis@blocks@titlePage@header{%
1079   {\sc\ifthesis@blocks@titlePage@university@%
1080     \thesis@titlePage@LARGE\thesis@{universityName}\%
1081   \fi\ifthesis@blocks@titlePage@faculty@%
1082     \thesis@titlePage@Large\thesis@{facultyName}\%
1083   \fi\ifthesis@blocks@titlePage@department@%
1084     \thesis@titlePage@large\thesis@department\%

```

```

1085     \fi}
1086 \ifthesis@blocks@titlePage@field@%
1087   {\thesis@titlePage@large\vskip 1em%
1088     {\bf\thesis@{fieldTitle}:} \thesis@field}%
1089   \fi\vskip 2em}
1090 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1091 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

\thesis@blocks@tables The \thesis@blocks@tables macro typesets the table of contents and optionally
the \listoftables and the \listoffigures.
1092 \def\thesis@blocks@tables{%
1093   \thesis@blocks@clear%
1094   \tableofcontents%
1095   \thesis@blocks@lot%
1096   \thesis@blocks@lof}

\thesis@blocks@declaration The \thesis@blocks@declaration macro typesets the declaration text.
1097 \def\thesis@blocks@declaration{%
1098   \thesis@blocks@clear%
1099   \begin{alwaysingle}%
1100     \chapter*{\thesis@{declarationTitle}}%
1101     \thesis@declaration%
1102     \vskip 2cm%
1103     \hfill\thesis@author%
1104   \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.
1105 \def\thesis@blocks@thanks{%
1106   \ifx\thesis@thanks\undefined\else%
1107     \thesis@blocks@clear%
1108     \begin{alwaysingle}%
1109       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1110       \thesis@thanks%
1111     \end{alwaysingle}%
1112   \fi}

\thesis@blocks@abstract The \thesis@blocks@abstract macro typesets the abstract.
1113 \def\thesis@blocks@abstract{%
1114   \begin{alwaysingle}%
1115     % Start the new chapter without clearing the right page
1116     {\def\cleardoublepage{}
1117     \chapter*{\thesis@{abstractTitle}}}%
1118     \noindent\thesis@abstract%
1119     \par\vfil\null%
1120   \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.

```

```

1121 \def\thesis@blocks@abstractEn{%
1122   \ifthesis@english\else%
1123     {\thesis@selectLocale{english}%
1124     \begin{alwaysssingle}%
1125       % Start the new chapter without clearing the right page
1126       {\def\cleardoublepage{}%
1127       \chapter*{\thesis@english@abstractTitle}%
1128       \thesis@abstractEn}%
1129       \par\vfil\null%
1130     \end{alwaysssingle}}%
1131   \fi}

```

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

```

1132 \def\thesis@blocks@keywords{%
1133   \begin{alwaysssingle}%
1134   % Start the new chapter without clearing the right page
1135   {\def\cleardoublepage{}%
1136   \chapter*{\thesis@{keywordsTitle}}%
1137   \noindent\thesis@TeXkeywords}%
1138   \par\vfil\null%
1139   \end{alwaysssingle}}

```

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

```

1140 \def\thesis@blocks@keywordsEn{%
1141   \ifthesis@english\else%
1142     {\thesis@selectLocale{english}%
1143     \begin{alwaysssingle}%
1144       % Start the new chapter without clearing the right page
1145       {\def\cleardoublepage{}%
1146       \chapter*{\thesis@english@keywordsTitle}%
1147       \thesis@TeXkeywordsEn}%
1148       \par\vfil\null%
1149     \end{alwaysssingle}}%
1150   \fi}

```

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

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

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

```

1151 \newif\ifthesis@blocks@assignment@
1152 \thesis@blocks@assignment@true
1153 \def\thesis@blocks@assignment{%
1154   \ifthesis@blocks@assignment@%
1155     \ifx\thesis@assignmentFiles\undefined%
1156       % Typeset a placeholder page.
1157       \thesis@blocks@clear%
1158       \begin{alwayssingle}%
1159         \thispagestyle{empty}%
1160         \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1161         \noindent\textit{\thesis@{assignment}}%
1162       \end{alwayssingle}%
1163     \else%
1164       {\edef\@pdfList{\thesis@assignmentFiles}%
1165       \ifx\@pdfList\empty\else
1166         \let\ea\expandafter
1167         % Inject the specified PDF documents.
1168         \def\@inject##1,{\thesis@blocks@clear
1169           \def\@args{##1}\def\@relax{\relax}%
1170           \ifx\@args\relax\else%
1171             % Trim leading spaces.
1172             \edef\@trimmed{\romannumeral-'\.##1}%
1173             \includepdf[pages=-]\@trimmed
1174             \ea\@inject\fi}%
1175           \ea\@inject\@pdfList,\relax,%
1176           \fi}%
1177       \fi%
1178     \fi}

```

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

```

1179 \def\thesis@blocks@mainMatter{%
1180   \thesis@blocks@clear
1181   \setcounter{page}{1}
1182   \pagenumbering{arabic}
1183   \pagestyle{thesisheadings}
1184   \parindent 1.5em\relax}

```

The rest of the file comprises redefinitions of L<sup>A</sup>T<sub>E</sub>X commands and private `rapport3` class macros altering the layout of the resulting document. Depending on the type size of 10, 11 or 12 points, either the `fithesis-10.clo`, `fithesis-11.clo` or `fithesis-12.clo` file is loaded from the `\thesis@stylepath mu` directory, respectively.

```

1185 % Table of contents will contain sectioning commands up to
1186 % \subsubsection
1187 \setcounter{tocdepth}{3}
1188
1189 % Load the 'fithesis-1*.clo' size option

```

```

1190 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1191
1192 \def\ps@thesisheadings{%
1193 \def\chaptermark##1{%
1194 \markright{%
1195 \ifnum\c@secnumdepth >\m@ne
1196 \thechapter.\ %
1197 \fi ##1}}
1198 \let\@oddfoot\@empty
1199 \let\@oddhead\@empty
1200 \def\@oddhead{\vbox{\hbox to \textwidth{%
1201 \hfil{\sc\rightmark}}\vskip 4pt\hrule}}
1202 \if@twoside
1203 \def\@evenhead{\vbox{\hbox to \textwidth{%
1204 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1205 \else
1206 \let\@evenhead\@oddhead
1207 \fi
1208 \def\@oddfoot{\hfil\PageFont\thepage}
1209 \if@twoside
1210 \def\@evenfoot{\PageFont\thepage\hfil}%
1211 \else
1212 \let\@evenfoot\@oddfoot
1213 \fi
1214 \let\@mkboth\markboth
1215 }
1216
1217 % Redefines the style of the chapter headings
1218 \renewcommand*\chapter{%
1219 \if@twoside
1220 \clearpage
1221 \thispagestyle{empty}
1222 \cleardoublepage
1223 \else
1224 \clearpage
1225 \fi
1226 \thispagestyle{plain}%
1227 \global\@topnum\z@
1228 \@afterindentfalse
1229 \secdef\chapter\schapter}
1230
1231 % Redefines the style of part headings
1232 \renewcommand*\part{%
1233 \clearpage
1234 \thispagestyle{empty}
1235 \cleardoublepage
1236 \thispagestyle{empty}%
1237 \if@twocolumn%
1238 \onecolumn
1239 \@tempswatrue

```

```

1240 \else
1241 \@tempwafalse
1242 \fi
1243 \hbox{}\vfil
1244 \secdef\@part\@spart}
1245
1246 \newif\if@restonecol
1247 \def\alwaysingle{%
1248 \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1249 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1250
1251 \renewcommand*\l@part[2]{%
1252 \ifnum \c@tocdepth >-2\relax
1253 \addpenalty{-\@highpenalty}%
1254 \addvspace{0.5em \@plus\p@}%
1255 \begingroup
1256 \setlength\@tempdima{3em}%
1257 \parindent \z@ \rightskip \@pnumwidth
1258 \parfillskip -\@pnumwidth
1259 {\leavevmode
1260 \normalfont \bfseries #1\hfil \hbext@\@pnumwidth{\hss #2}}\par
1261 \nobreak
1262 \global\@nobreaktrue
1263 \everypar{\global\@nobreakfalse\everypar{}}%
1264 \endgroup
1265 \addvspace{0.2em \@plus\p@}%
1266 \fi}
1267
1268 \renewcommand*\l@chapter[2]{%
1269 \ifnum \c@tocdepth >\m@ne
1270 \addpenalty{-\@highpenalty}%
1271 \vskip 1.0em \@plus\p@
1272 \setlength\@tempdima{1.5em}%
1273 \begingroup
1274 \parindent \z@ \rightskip \@pnumwidth
1275 \parfillskip -\@pnumwidth
1276 \leavevmode \bfseries
1277 \advance\leftskip\@tempdima
1278 \hskip -\leftskip
1279 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1280 \penalty\@highpenalty
1281 \endgroup
1282 \fi}
1283
1284 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1285 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1286 \renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
1287 \renewcommand*\l@subsubsection{\@dottedtocline{4}{7.0em}{3.8em}}

```

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

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

```
1288 <*opt>
1289 <*10pt>
1290 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2015/06/23]
1291
1292 \renewcommand{\normalsize}{\fontsize\expt{12}\selectfont%
1293 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1294 \belowdisplayskip \abovedisplayskip
1295 \abovedisplayshortskip \z@ plus3\p@
1296 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1297 \let\@listi\@listI}
1298
1299 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
1300 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1301 \belowdisplayskip \abovedisplayskip
1302 \abovedisplayshortskip \z@ plus2\p@
1303 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1304 \def\@listi{\leftmargin\leftmarginI
1305 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1306 \itemsep \parsep}}
1307
1308 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont%
1309 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1310 \belowdisplayskip \abovedisplayskip
1311 \abovedisplayshortskip \z@ plus\p@
1312 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1313 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1314 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1315 \itemsep \parsep}}
1316
1317 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1318 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1319 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1320 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1321 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1322 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1323 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1324
1325 </10pt>
```

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

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

```
1326 <*11pt>
1327 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2015/06/23]
1328
```

```

1329 \renewcommand{\normalsize}{\fontsize\@xpt{14}\selectfont%
1330 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1331 \belowdisplayskip \abovedisplayskip
1332 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1333 %\abovedisplayshortskip \z@ plus3\p@
1334 \let\@listi\@listI}
1335
1336 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont%
1337 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1338 \belowdisplayskip \abovedisplayskip
1339 \abovedisplayshortskip \z@ plus3\p@
1340 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1341 \def\@listi{\leftmargin\leftmargini
1342 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1343 \itemsep \parsep}}
1344
1345 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont%
1346 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1347 \belowdisplayskip \abovedisplayskip
1348 \abovedisplayshortskip \z@ plus\p@
1349 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1350 \def\@listi{\leftmargin\leftmargini
1351 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1352 \itemsep \parsep}}
1353
1354 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
1355 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1356 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1357 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1358 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1359 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1360 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1361
1362 </11pt>

```

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

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

<code>\thesis@titlePage@normalsize</code>	• <code>\thesis@titlePage@normalsize</code> – Equivalent to <code>\normalsize</code>
<code>\thesis@titlePage@small</code>	• <code>\thesis@titlePage@small</code> – Equivalent to <code>\small</code>
<code>\thesis@titlePage@footnotesize</code>	• <code>\thesis@titlePage@footnotesize</code> – Equivalent to <code>\footnotesize</code>
<code>\thesis@titlePage@scriptsize</code>	• <code>\thesis@titlePage@scriptsize</code> – Equivalent to <code>\scriptsize</code>
<code>\thesis@titlePage@tiny</code>	• <code>\thesis@titlePage@tiny</code> – Equivalent to <code>\tiny</code>



<code>\thesis@titlePage@large</code>	• <code>\thesis@titlePage@large</code> – Equivalent to <code>\large</code>
<code>\thesis@titlePage@Large</code>	• <code>\thesis@titlePage@Large</code> – Equivalent to <code>\Large</code>
<code>\thesis@titlePage@LARGE</code>	• <code>\thesis@titlePage@LARGE</code> – Equivalent to <code>\LARGE</code>
<code>\thesis@titlePage@huge</code>	• <code>\thesis@titlePage@huge</code> – Equivalent to <code>\huge</code>
<code>\thesis@titlePage@Huge</code>	• <code>\thesis@titlePage@Huge</code> – Equivalent to <code>\Huge</code>

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

```

1363 (*12pt)
1364 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2015/06/23]
1365 (/12pt)
1366
1367 \def\thesis@titlePage@normalsize{\fontsize\@xiipt{14.5}%
1368 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1369 \belowdisplayskip \abovedisplayskip
1370 \abovedisplayshortskip \z@ plus3\p@
1371 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1372 \let\@listi\@listI}
1373
1374 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
1375 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1376 \belowdisplayskip \abovedisplayskip
1377 \abovedisplayshortskip \z@ plus3\p@
1378 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1379 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1380 \parsep 4.5\p@ plus2\p@ minus\p@
1381 \itemsep \parsep
1382 \topsep 9\p@ plus3\p@ minus5\p@}}
1383
1384 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
1385 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1386 \belowdisplayskip \abovedisplayskip
1387 \abovedisplayshortskip \z@ plus3\p@
1388 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1389 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1390 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1391 \itemsep \parsep}}
1392
1393 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1394 \def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
1395 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1396 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
1397 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1398 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1399 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1400
1401 (*12pt)

```

```

1402 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1403 \renewcommand{\small}{\thesis@titlePage@small}
1404 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1405 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1406 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1407 \renewcommand{\large}{\thesis@titlePage@large}
1408 \renewcommand{\Large}{\thesis@titlePage@Large}
1409 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1410 \renewcommand{\huge}{\thesis@titlePage@huge}
1411 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1412 </12pt>
1413 \let\@normalsize\normalsize
1414 \normalsize
1415
1416 \if@twoside
1417   \oddsidemargin 0.75in
1418   \evensidemargin 0.4in
1419   \marginparwidth 0pt
1420 \else
1421   \oddsidemargin 0.75in
1422   \evensidemargin 0.75in
1423   \marginparwidth 0pt
1424 \fi
1425 \marginparsep 10pt
1426
1427 \topmargin 0.4in
1428
1429 \headheight 20pt
1430 \headsep 10pt
1431 \topskip 10pt
1432 \footskip 30pt
1433
1434 < *10pt>
1435 \textheight = 43\baselineskip
1436 \advance\textheight by \topskip
1437 \textwidth 5.0truein
1438 \columnsep 10pt
1439 \columnseprule 0pt
1440
1441 \footnotesep 6.65pt
1442 \skip\footins 9pt plus 4pt minus 2pt
1443 \floatsep 12pt plus 2pt minus 2pt
1444 \textfloatsep 20pt plus 2pt minus 4pt
1445 \intextsep 12pt plus 2pt minus 2pt
1446 \dblfloatsep 12pt plus 2pt minus 2pt
1447 \dbltextfloatsep 20pt plus 2pt minus 4pt
1448
1449 \@fptop 0pt plus 1fil
1450 \fppsep 8pt plus 2fil
1451 \fppbot 0pt plus 1fil

```

```

1452 \@dblftop 0pt plus 1fil
1453 \@dblpsep 8pt plus 2fil
1454 \@dblpbot 0pt plus 1fil
1455 \marginparpush 5pt
1456
1457 \parskip 0pt plus 1pt
1458 \partopsep 2pt plus 1pt minus 1pt
1459
1460 </10pt>
1461 %
1462 <*11pt>
1463 \textheight = 39\baselineskip
1464 \advance\textheight by \topskip
1465 \textwidth 5.0truein
1466 \columnsep 10pt
1467 \columnseprule 0pt
1468
1469 \footnotesep 7.7pt
1470 \skip\footins 10pt plus 4pt minus 2pt
1471 \floatsep 12pt plus 2pt minus 2pt
1472 \textfloatsep 20pt plus 2pt minus 4pt
1473 \intextsep 12pt plus 2pt minus 2pt
1474 \dblfloatsep 12pt plus 2pt minus 2pt
1475 \dbltextfloatsep 20pt plus 2pt minus 4pt
1476
1477 \@fptop 0pt plus 1fil
1478 \@fpsep 8pt plus 2fil
1479 \@fpbot 0pt plus 1fil
1480 \@dblftop 0pt plus 1fil
1481 \@dblpsep 8pt plus 2fil
1482 \@dblpbot 0pt plus 1fil
1483 \marginparpush 5pt
1484
1485 \parskip 0pt plus 0pt
1486 \partopsep 3pt plus 1pt minus 2pt
1487
1488 </11pt>
1489 %
1490 <*12pt>
1491 \textheight = 37\baselineskip
1492 \advance\textheight by \topskip
1493 \textwidth 5.0truein
1494 \columnsep 10pt
1495 \columnseprule 0pt
1496
1497 \footnotesep 8.4pt
1498 \skip\footins 10.8pt plus 4pt minus 2pt
1499 \floatsep 14pt plus 2pt minus 4pt
1500 \textfloatsep 20pt plus 2pt minus 4pt
1501 \intextsep 14pt plus 4pt minus 4pt

```

```

1502\dblfloatsep 14pt plus 2pt minus 4pt
1503\dbltextfloatsep 20pt plus 2pt minus 4pt
1504
1505\@fptop 0pt plus 1fil
1506\@fpsep 10pt plus 2fil
1507\@fpbot 0pt plus 1fil
1508\@dblftop 0pt plus 1fil
1509\@dblpsep 10pt plus 2fil
1510\@dblfpbot 0pt plus 1fil
1511\marginparpush 7pt
1512
1513\parskip 0pt plus 0pt
1514\partopsep 3pt plus 2pt minus 2pt
1515
1516</12pt>
1517\@lowpenalty 51
1518\@medpenalty 151
1519\@highpenalty 301
1520\@beginparpenalty -\@lowpenalty
1521\@endparpenalty -\@lowpenalty
1522\@itempenalty -\@lowpenalty
1523
1524\def\@makechapterhead#1{%
1525  {%
1526    \setlength\parindent{\z@}%
1527    \setlength\parskip {\z@}%
1528    \ifnum
1529      \c@secnumdepth >\m@ne
1530      \par\nobreak
1531      \vskip 10\p@
1532    \fi
1533    \Large \ChapFont \thechapter{} \space #1\par
1534    \nobreak
1535    \vskip 20\p@
1536  }%
1537 }
1538
1539\def\@makeschapterhead#1{%
1540  {%
1541    \setlength\parindent{\z@}%
1542    \setlength\parskip {\z@}%
1543    \Large \ChapFont #1\par
1544    \nobreak
1545    \vskip 20\p@
1546  }%
1547 }
1548
1549\def\chapter{%
1550  \clearpage
1551  \thispagestyle{plain}

```

```

1552 \global\@topnum\z@
1553 \@afterindentfalse
1554 \secdef\@chapter\@schapter
1555 }
1556
1557 \def\@chapter[#1]#2{%
1558   \ifnum \c@secnumdepth
1559     >\m@ne
1560     \refstepcounter{chapter}%
1561     \typeout{\@chapapp\space\thechapter.}%
1562     \addcontentsline{toc}{chapter}{\protect
1563       \numberline{\thechapter}\bfseries #1}
1564   \else%
1565     \addcontentsline{toc}{chapter}{\bfseries #1}
1566   \fi
1567   \chaptermark{#1}%
1568   \addtocontents{lof}%
1569   {\protect\addvspace{4\p@}}
1570   \addtocontents{lot}%
1571   {\protect\addvspace{4\p@}}
1572   \if@twocolumn
1573     \@topnewpage[\@makechapterhead{#2}]%
1574   \else
1575     \@makechapterhead{#2}%
1576     \@afterheading
1577   \fi
1578 }
1579
1580 %\def\@schapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]%
1581 %
1582 %   \else \@makeschapterhead{#1}%
1583 %   \markright{#1}
1584 %   \@afterheading\fi}
1585
1585 \def\section{\@startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
1586   -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
1587 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
1588   minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1589 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
1590   -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1591 \def\paragraph{\@startsection
1592   {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
1593     \normalsize\bfseries}}
1594 \def\subparagraph{\@startsection
1595   {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
1596     .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1597
1598 \setcounter{secnumdepth}{2}
1599
1600 \def\appendix{\par
1601   \setcounter{chapter}{0}%

```

```

1602 \setcounter{section}{0}%
1603 \def\@chapapp{\appendixname}%
1604 \def\thechapter{\Alph{chapter}}
1605
1606 \leftmargini 2.5em
1607 \leftmarginii 2.2em % > \labelsep + width of '(m)'
1608 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
1609 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
1610 \leftmarginv 1em
1611 \leftmarginvi 1em
1612
1613 \leftmargin\leftmargini
1614 \labelsep .5em
1615 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1616
1617 (*10pt)
1618 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1619 \topsep 8\p@ plus2\p@ minus4\p@
1620 \itemsep 4\p@ plus2\p@ minus\p@}
1621
1622 \let\@listi\@listI
1623 \@listi
1624
1625 \def\@listii{\leftmargin\leftmarginii
1626 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1627 \topsep 4\p@ plus2\p@ minus\p@
1628 \parsep 2\p@ plus\p@ minus\p@
1629 \itemsep \parsep}
1630
1631 \def\@listiii{\leftmargin\leftmarginiii
1632 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1633 \topsep 2\p@ plus\p@ minus\p@
1634 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1635 \itemsep \topsep}
1636
1637 \def\@listiv{\leftmargin\leftmarginiv
1638 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1639
1640 \def\@listv{\leftmargin\leftmarginv
1641 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1642
1643 \def\@listvi{\leftmargin\leftmarginvi
1644 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1645 </10pt)
1646 %
1647 (*11pt)
1648 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1649 \topsep 9\p@ plus3\p@ minus5\p@
1650 \itemsep 4.5\p@ plus2\p@ minus\p@}
1651

```

```

1652 \let\@listi\@listI
1653 \@listi
1654
1655 \def\@listii{\leftmargin\leftmarginii
1656   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1657   \topsep 4.5\p@ plus2\p@ minus\p@
1658   \parsep 2\p@ plus\p@ minus\p@
1659   \itemsep \parsep}
1660
1661 \def\@listiii{\leftmargin\leftmarginiii
1662   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1663   \topsep 2\p@ plus\p@ minus\p@
1664   \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1665   \itemsep \topsep}
1666
1667 \def\@listiv{\leftmargin\leftmarginiv
1668   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1669
1670 \def\@listv{\leftmargin\leftmarginv
1671   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1672
1673 \def\@listvi{\leftmargin\leftmarginvi
1674   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1675 (/11pt)
1676 %
1677 (*12pt)
1678 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
1679 \topsep 10\p@ plus4\p@ minus6\p@
1680 \itemsep 5\p@ plus2.5\p@ minus\p@}
1681
1682 \let\@listi\@listI
1683 \@listi
1684
1685 \def\@listii{\leftmargin\leftmarginii
1686   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1687   \topsep 5\p@ plus2.5\p@ minus\p@
1688   \parsep 2.5\p@ plus\p@ minus\p@
1689   \itemsep \parsep}
1690
1691 \def\@listiii{\leftmargin\leftmarginiii
1692   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1693   \topsep 2.5\p@ plus\p@ minus\p@
1694   \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1695   \itemsep \topsep}
1696
1697 \def\@listiv{\leftmargin\leftmarginiv
1698   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1699
1700 \def\@listv{\leftmargin\leftmarginv
1701   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}

```

```

1702
1703 \def\@listvi{\leftmargin\leftmarginvi
1704     \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1705 </12pt>
1706 </opt>

```

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

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

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

```

1707 \NeedsTeXFormat{LaTeX2e}
1708 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2015/11/29]

```

The file defines the color scheme of the respective faculty.

```

1709 \thesis@color@setup{
1710     links={HTML}{FFD451},
1711     tableEmph={HTML}{FFD451},
1712     tableOdd={HTML}{FFF9E5},
1713     tableEven={HTML}{FFECB3}}

```

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

```

1714 \ifx\thesis@type\thesis@bachelors\else
1715 \ifx\thesis@type\thesis@masters\else
1716     \thesis@blocks@assignment@false
1717 \fi\fi

```

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

`\thesis@advisorSignature`

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

```

1718 \def\thesis@blocks@titlePage@content{%
1719     {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1720     {\thesis@titlePage@large\sc\thesis@{@type}\@{type}}\@{type}}
1721     {\thesis@titlePage@Large\bf\thesis@author}
1722     % If this is a rigorous thesis, typeset the name of the
1723     % thesis advisor.
1724     \ifx\thesis@type\thesis@rigorous%
1725         {\thesis@titlePage@large\@{type}}\@{type}}
1726         {\bf\thesis@{@advisorTitle}:} \thesis@advisor}
1727     \fi}%
1728 \def\thesis@blocks@titlePage@footer{%
1729     {\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)



```

1730 % If this is a rigorous thesis, create space for the advisor's
1731 % signature
1732 \ifx\thesis@type\thesis@rigorous%
1733   \let\@A\relax\newlength{\@A}
1734   \settowidth{\@A}{\thesis@{advisorSignature}}
1735   \setlength{\@A}{\@A+1cm}
1736   \hfill\raisebox{-0.5em}{\parbox{\@A}{
1737     \centering
1738     \rule{\@A}{1pt}\
1739     \thesis@{advisorSignature}
1740   }}
1741 \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.

```

1742 \def\thesis@blocks@declaration{%
1743   \thesis@blocks@clear%
1744   \begin{alwaysingle}%
1745     \chapter*{\thesis@{declarationTitle}}%
1746     \thesis@declaration%
1747     \vskip 2cm%
1748     \hfill\thesis@author%
1749     \par\vfill\noindent%
1750     \textbf{\thesis@{advisorTitle}:} \thesis@advisor%
1751     \par\vfil%
1752   \end{alwaysingle}}

```

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

```

1753 \def\thesis@blocks@preamble{%
1754   \thesis@blocks@cover
1755   \thesis@blocks@titlePage
1756   \thesis@blocks@frontMatter
1757   \thesis@blocks@assignment
1758   \thesis@blocks@declaration
1759   \thesis@blocks@thanks
1760   \thesis@blocks@clearRight
1761   \thesis@blocks@abstract
1762   \thesis@blocks@keywords
1763   \thesis@blocks@tables}

```

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

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

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

ments published at the website of the faculty<sup>2</sup>.

```
1764 \NeedsTeXFormat{LaTeX2e}
1765 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
1766 \thesis@color@setup{
1767   links={HTML}{20E366},
1768   tableEmph={HTML}{8EDEAA},
1769   tableOdd={HTML}{EDF7F1},
1770   tableEven={HTML}{CCEDD8}}
```

The file uses Czech locale strings within the macros.

```
1771 \thesis@requireLocale{czech}
```

The file loads the following packages:

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

```
1772 \thesis@require{tikz}
1773 \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.

```
1774 \ifx\thesis@type\thesis@bachelors\else
1775 \ifx\thesis@type\thesis@masters\else
1776   \thesis@blocks@assignment@false
1777 \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

---

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

```

1778 \def\thesis@blocks@bibEntry{%
1779   \begin{alwaysingle}%
1780   {% Start the new chapter without clearing the right page
1781     {\def\cleardoublepage}%
1782     \chapter*{\thesis@czech@bib@title}}%
1783   % Calculate the width of the columns
1784   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1785     \bf\thesis@czech@bib@author:}}
1786   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1787     \bf\thesis@czech@bib@thesisTitle:}}
1788   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1789     \bf\thesis@czech@bib@programme:}}
1790   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1791     \bf\thesis@czech@bib@field:}}
1792   % Unless this is a rigorous thesis, we will be typesetting the
1793   % name of the thesis advisor.
1794   \let\@E\relax\newlength{\@E}
1795   \ifx\thesis@type\thesis@rigorous%
1796     \setlength{\@E}{0pt}%
1797   \else%
1798     \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}}
1799   \fi%
1800   \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1801     \bf\thesis@czech@bib@academicYear:}}
1802   \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1803     \bf\thesis@czech@bib@pages:}}
1804   \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1805     \bf\thesis@czech@bib@keywords:}}
1806   \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1807   \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1808     max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1809   \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1810     \textwidth-\@left-\@skip}
1811   % Typeset the table
1812   \renewcommand{\arraystretch}{2}
1813   \noindent\begin{thesis@newtable@old}%
1814     {@{p{\@left}{\hskip\@skip}p{\@right}{@}}
1815     \textbf{\thesis@czech@bib@author:} &
1816     \noindent\parbox[t]{\@right}{
1817       \thesis@author\\
1818       \thesis@czech@facultyName,
1819       \thesis@czech@universityName\\
1820       \thesis@department
1821     }\\
1822     \textbf{\thesis@czech@bib@thesisTitle:}
1823     & \thesis@title \\
1824     \textbf{\thesis@czech@bib@programme:}
1825     & \thesis@programme \\
1826     \textbf{\thesis@czech@bib@field:}
1827     & \thesis@field \\

```

```

1828 % Unless this is a rigorous thesis, typeset the name of the
1829 % thesis advisor.
1830 \ifx\thesis@type\thesis@rigorous\else%
1831   \textbf{\thesis@czech@bib@advisor:}
1832   & \thesis@advisor \\
1833   \fi
1834   \textbf{\thesis@czech@bib@academicYear:}
1835   & \thesis@academicYear \\
1836   \textbf{\thesis@czech@bib@pages:}
1837   & \thesis@pages \\
1838   \textbf{\thesis@czech@bib@keywords:}
1839   & \thesis@TeXkeywords \\
1840 \end{thesis@newtable@old}}
1841 \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:

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

```

1842 \def\thesis@blocks@bibEntryEn{%
1843   {\thesis@selectLocale{english}
1844     \begin{always@single}
1845       % Start the new chapter without clearing the right page
1846       {\def\cleardoublepage{}%
1847         \chapter*{\thesis@english@bib@title}}%
1848       {% Calculate the width of the columns
1849         \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
1850           \bf\thesis@english@bib@author:}}
1851         \let\@B\relax\newlength{\@B}\settowidth{\@B}{\%
1852           \bf\thesis@english@bib@thesisTitle:}}
1853         \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
1854           \bf\thesis@english@bib@programme:}}
1855         \let\@D\relax\newlength{\@D}\settowidth{\@D}{\%
1856           \bf\thesis@english@bib@field:}}

```

```

1857 % Unless this is a rigorous thesis, we will be typesetting
1858 % the name of the thesis advisor.
1859 \let\@E\relax\newlength{\@E}
1860 \ifx\thesis@type\thesis@rigorous%
1861 \setlength{\@E}{0pt}%
1862 \else%
1863 \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1864 \fi%
1865 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\%
1866 \bf\thesis@english@bib@academicYear:}}
1867 \let\@G\relax\newlength{\@G}\settowidth{\@G}{\%
1868 \bf\thesis@english@bib@pages:}}
1869 \let\@H\relax\newlength{\@H}\settowidth{\@H}{\%
1870 \bf\thesis@english@bib@keywords:}}
1871 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1872 \let\@left\relax\newlength{\@left}\pgfmithsetlength{\@left}{\%
1873 max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1874 \let\@right\relax\newlength{\@right}\setlength{\@right}{\%
1875 \textwidth-\@left-\@skip}
1876 % Typeset the table
1877 \renewcommand{\arraystretch}{2}
1878 \noindent\begin{thesis@newtable@old}%
1879 {\@{p{\@left}@{\hskip\@skip}p{\@right}@{}}
1880 \textbf{\thesis@english@bib@author:} &
1881 \noindent\parbox[t]{\@right}{
1882 \thesis@author\\
1883 \thesis@english@facultyName,
1884 \thesis@english@universityName\\
1885 \thesis@departmentEn
1886 }\\
1887 \textbf{\thesis@english@bib@thesisTitle:}
1888 & \thesis@titleEn \\
1889 \textbf{\thesis@english@bib@programme:}
1890 & \thesis@programmeEn \\
1891 \textbf{\thesis@english@bib@field:}
1892 & \thesis@fieldEn \\
1893 % Unless this is a rigorous thesis, typeset the name of the
1894 % thesis advisor.
1895 \ifx\thesis@type\thesis@rigorous\else%
1896 \textbf{\thesis@english@bib@advisor:}
1897 & \thesis@advisor \\
1898 \fi
1899 \textbf{\thesis@english@bib@academicYear:}
1900 & \thesis@academicYear \\
1901 \textbf{\thesis@english@bib@pages:}
1902 & \thesis@pages \\
1903 \textbf{\thesis@english@bib@keywords:}
1904 & \thesis@TeXkeywordsEn \\
1905 \end{thesis@newtable@old}}
1906 \end{alwayssingle}

```

1907 }}

`\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.

```
1908 \def\thesis@blocks@frontMatter{%
1909   \pagestyle{empty}
1910   \parindent 1.5em
1911   \setcounter{page}{1}
1912   \pagenumbering{roman}}
```

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

```
1913 \def\thesis@blocks@cover{%
1914   \ifthesis@cover@
1915     \thesis@blocks@clear
1916     \begin{alwaysingle}
1917       \thispagestyle{empty}
1918       \begin{center}
1919         {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1920          \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1921          \thesis@titlePage@large\thesis@department}
1922         \vfill
1923         {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1924         \vfill
1925         {\thesis@titlePage@large\thesis@place
1926          \ \thesis@year\hfill\thesis@author}
1927       \end{center}
1928     \end{alwaysingle}
1929   \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.

```
1930 \def\thesis@blocks@titlePage{%
1931   \thesis@blocks@clear
1932   \begin{alwaysingle}
1933     \thispagestyle{empty}
1934     % The top of the page
1935     \begin{adjustwidth}{-12mm}{ }
1936       \begin{minipage}{30mm}
1937         \thesis@blocks@universityLogo@color[width=30mm]
1938       \end{minipage}\begin{minipage}{89mm}
1939         \begin{center}
1940           {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1941            \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1942            \thesis@titlePage@normalsize\thesis@department}
1943           \rule{\textwidth}{2pt}\vspace*{2mm}
1944         \end{center}
1945       \end{minipage}\begin{minipage}{30mm}
```

```

1946     \thesis@blocks@facultyLogo@color[width=30mm]
1947     \end{minipage}
1948 \end{adjustwidth}
1949 % The middle of the page
1950 \vfill
1951 \parbox\textwidth{% Prevent vfills from squashing the leading
1952     \bf\thesis@titlePage@Huge\thesis@TeXtitle}
1953 {\thesis@titlePage@Huge\[\[0.8em]]}
1954 {\thesis@titlePage@large\thesis@czech@typeName\[\[1em]]}
1955 {\bf\thesis@titlePage@LARGE\thesis@author\}
1956 \vfill\noindent
1957 % The bottom of the page
1958 {\bf\thesis@titlePage@normalsize%
1959     % Unless this is a rigorous thesis, typeset the name of the
1960     % thesis advisor.
1961     \ifx\thesis@type\thesis@rigorous\else%
1962         \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1963     \fi%
1964     \thesis@place\ \thesis@year}
1965 \end{alwaysssingle}}

```

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

```

1966 \def\thesis@blocks@preamble{%
1967     \thesis@selectLocale{czech}
1968     \thesis@blocks@cover
1969     \thesis@blocks@frontMatter
1970     \thesis@blocks@titlePage
1971     \thesis@blocks@clearRight
1972     \thesis@blocks@bibEntry
1973     \thesis@blocks@bibEntryEn
1974     \thesis@blocks@abstract
1975     \thesis@blocks@abstractEn
1976     \thesis@blocks@assignment
1977     \thesis@blocks@thanks
1978     \thesis@blocks@declaration
1979     \thesis@blocks@tables}}

```

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

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

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

<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)

```
1980 \NeedsTeXFormat{LaTeX2e}
1981 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
1982 \thesis@color@setup{
1983   links={HTML}{6FCEF2},
1984   tableEmph={HTML}{78CEF0},
1985   tableOdd={HTML}{EBF6FA},
1986   tableEven={HTML}{D0EBF5}}
```

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

```
1987 \thesis@blocks@titlePage@department@true
1988 \thesis@blocks@titlePage@field@true
```

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

```
1989 \def\thesis@blocks@preamble{%
1990   \thesis@blocks@cover
1991   \thesis@blocks@titlePage
1992   \thesis@blocks@frontMatter
1993   \thesis@blocks@declaration
1994   \thesis@blocks@thanks
1995   \thesis@blocks@tables}
```

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

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

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

```
1996 \NeedsTeXFormat{LaTeX2e}
1997 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
1998 \thesis@color@setup{
1999   links={HTML}{FFA02F},
2000   tableEmph={HTML}{FFBB6B},
2001   tableOdd={HTML}{FFF1E0},
2002   tableEven={HTML}{FFDEB7}}
```

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

```
2003 \thesis@blocks@titlePage@department@true
2004 \def\thesis@blocks@titlePage@content{%
2005   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2006   {\thesis@titlePage@large\sc\thesis@@{typeName}}\vskip 0.3in]
2007   {\thesis@titlePage@Large\bf\thesis@author}
2008   % Typeset the name of the thesis advisor.
```

<sup>4</sup>See [http://is.muni.cz/do/ped/VPAN/pokdek/Pokyn\\_dekana\\_c.\\_1-2010\\_\\_2\\_.pdf](http://is.muni.cz/do/ped/VPAN/pokdek/Pokyn_dekana_c._1-2010__2_.pdf)



```

2009 {\thesis@titlePage@large\[\[0.3in]
2010 {\bf\thesis@{advisorTitle}:} \thesis@advisor}}

```

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

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

```

2011 \def\thesis@blocks@bibEntry{%
2012   \chapter*{\thesis@{bib@title}}
2013   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2014   \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2015   \thesis@{facultyName}, \thesis@department, \thesis@year.
2016   \thesis@pages\ \thesis@{bib@pages}.
2017   \thesis@{advisorTitle}: \thesis@advisor}

```

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

```

2018 \def\thesis@blocks@preamble{%
2019   \thesis@blocks@cover
2020   \thesis@blocks@titlePage
2021   \thesis@blocks@frontMatter
2022   \thesis@blocks@bibEntry
2023   \thesis@blocks@clearRight
2024   \thesis@blocks@abstract
2025   \thesis@blocks@abstractEn
2026   \thesis@blocks@keywords
2027   \thesis@blocks@keywordsEn
2028   \thesis@blocks@declaration
2029   \thesis@blocks@thanks
2030   \thesis@blocks@tables}

```

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

#### 3.6.7.1 The `style/mu/fithesis-fss.sty` file

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. Because of the inexistence of faculty-wide formal requirements and recommendations with each department defining their own with varying degrees of rigour<sup>5</sup>, this style is a mere skeleton, which is unlikely to

<sup>5</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>

satisfy the exact requirements of any department and will require modification by the user.

```
2031 \NeedsTeXFormat{LaTeX2e}
2032 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
2033 \thesis@color@setup{
2034   links={HTML}{58EDD7},
2035   tableEmph={HTML}{69D6C6},
2036   tableOdd={HTML}{E3F1EE},
2037   tableEven={HTML}{C5E3DF}}
```

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

```
2038 \def\thesis@blocks@frontMatter{%
2039   \pagestyle{plain}
2040   \parindent 1.5em
2041   \setcounter{page}{1}
2042   \pagenumbering{roman}}
```

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

```
2043 \def\thesis@blocks@preamble{%
2044   \thesis@blocks@cover
2045   \thesis@blocks@titlePage
2046   \thesis@blocks@frontMatter
2047   \thesis@blocks@clearRight
2048   \thesis@blocks@abstract
2049   \thesis@blocks@abstractEn
2050   \thesis@blocks@keywords
2051   \thesis@blocks@keywordsEn
2052   \thesis@blocks@assignment
2053   \thesis@blocks@declaration
2054   \thesis@blocks@thanks
2055   \thesis@blocks@tables}
```

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

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

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

```
2056 \NeedsTeXFormat{LaTeX2e}
2057 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
2058 \thesis@color@setup{
```

---

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

```

2059 links={HTML}{CF86EB},
2060 tableEmph={HTML}{D39BE8},
2061 tableOdd={HTML}{F2EBF5},
2062 tableEven={HTML}{E5CCED}}

```

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

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

```

2063 \def\thesis@blocks@cover@header{%
2064   {\sc\thesis@titlePage@Large\thesis@{facultyLongName}}\%
2065   \thesis@titlePage@large\thesis@department\\vskip 2em}}
2066 \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.

```

2067 \def\thesis@blocks@frontMatter{%
2068   \thesis@blocks@clear
2069   \pagestyle{plain}
2070   \parindent 1.5em
2071   \setcounter{page}{1}
2072   \pagenumbering{arabic}}

```

`\thesis@blocks@mainMatter` The `\thesis@blocks@mainMatter` macro sets up the style of the main matter of the thesis. The page numbering doesn't reset at the beginning of the main thesis in accordance with the formal requirements of the faculty.

```

2073 \def\thesis@blocks@mainMatter{%
2074   \thesis@blocks@clear
2075   \pagestyle{thesisheadings}
2076   \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.

```

2077 \def\thesis@blocks@preamble{%
2078   \thesis@blocks@cover
2079   \thesis@blocks@titlePage
2080   \thesis@blocks@frontMatter
2081   \thesis@blocks@declaration
2082   \thesis@blocks@clearRight
2083   \thesis@blocks@abstract
2084   \thesis@blocks@abstractEn
2085   \thesis@blocks@keywords
2086   \thesis@blocks@keywordsEn
2087   \thesis@blocks@thanks
2088   \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.

```
2089 \def\thesis@blocks@postamble{%
2090   \thesis@blocks@assignment}
```

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

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

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

```
2091 \NeedsTeXFormat{LaTeX2e}
2092 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
2093 \thesis@color@setup{
2094   links={HTML}{F27995},
2095   tableEmph={HTML}{E8B88B},
2096   tableOdd={HTML}{F5ECEB},
2097   tableEven={HTML}{EBD8D5}}
```

The file loads the following packages:

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

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

```
2098 \thesis@require{tikz}
2099 \thesis@require{geometry}
2100 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2101 \def\thesis@blocks@cover{%
2102   \ifthesis@cover@
2103     \thesis@blocks@clear
2104     \begin{alwaysingle}
2105       \thispagestyle{empty}
2106       \begin{center}
2107         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\\
2108         \thesis@titlePage@Large\thesis@{facultyName}\\
2109         \vfill
2110         {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2111         \vfill
2112         {\thesis@titlePage@large\thesis@place}
```

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

```

2113      \ \thesis@year\hfill\thesis@author}
2114      \end{center}
2115      \end{alwaysingle}
2116      \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.

```

2117 \thesis@blocks@titlePage@field@true
2118 \def\thesis@blocks@titlePage@content{%
2119   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2120   \ifthesis@english\else
2121     {\ll[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2122   \fi {\ll[0.3in]\thesis@titlePage@large\sc\thesis@@{type Name}\}}
2123 \def\thesis@blocks@titlePage@footer{%
2124   {\thesis@titlePage@large
2125     {% Calculate the width of the thesis author and advisor boxes
2126       \let\@A\relax\newlength{\@A}\settowidth{\@A}{\{%
2127         \bf\thesis@@{advisorTitle}:}}
2128       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2129       \let\@C\relax\newlength{\@C}\settowidth{\@C}{\{%
2130         \bf\thesis@@{authorTitle}:}}
2131       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2132       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{\%
2133         max(\@A,\@B)}
2134       \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{\%
2135         max(\@C,\@D)}
2136       % Typeset the thesis author and advisor boxes
2137       \vskip 2in\begin{minipage}[t]{\@left}
2138         {\bf\thesis@@{advisorTitle}:}\thesis@advisor
2139       \end{minipage}\hfill\begin{minipage}[t]{\@right}
2140         {\bf\thesis@@{authorTitle}:}\thesis@author
2141       \end{minipage}}\ll[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.

```

2142 \def\thesis@blocks@frontMatter{%
2143   \thesis@blocks@clear
2144   % In case of double-sided typesetting, change the geometry
2145   \ifthesis@twoside@
2146     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2147       right=15mm, includeheadfoot}
2148   \fi\pagestyle{empty}
2149   \parindent 1.5em
2150   \setcounter{page}{1}

```

```

2151 \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.
2152 \def\thesis@blocks@mainMatter{%
2153 \thesis@blocks@clear
2154 \pagestyle{thesisheadings}
2155 \parindent 1.5em\relax}

\thesis@blocks@toc The \thesis@blocks@toc macro typesets the table of contents.
2156 \def\thesis@blocks@toc{%
2157 \thesis@blocks@clear%
2158 \tableofcontents}

\thesis@blocks@tables The \thesis@blocks@tables macro optionally typesets the \listoftables and
\listoffigures.
2159 \def\thesis@blocks@tables{%
2160 \thesis@blocks@clear%
2161 \thesis@blocks@lot%
2162 \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.
2163 \ifx\thesis@blocks@lot\empty\else
2164 \def\thesis@blocks@lot{%
2165 \thesis@blocks@clear
2166 \phantomsection
2167 \addcontentsline{toc}{chapter}{\listtablename}%
2168 \listoftables}
2169 \fi
2170
2171 \ifx\thesis@blocks@lof\empty\else
2172 \def\thesis@blocks@lof{%
2173 \thesis@blocks@clear
2174 \phantomsection
2175 \addcontentsline{toc}{chapter}{\listfigurename}%
2176 \listoffigures}
2177 \fi

All blocks within the autolayout preamble that are not defined within this file are
defined in the style/mu/fithesis-base.sty file.
2178 \def\thesis@blocks@preamble{%
2179 \thesis@blocks@cover
2180 \thesis@blocks@frontMatter
2181 \thesis@blocks@titlePage
2182 \thesis@blocks@assignment
2183 \thesis@blocks@clearRight

```

```

2184 \thesis@blocks@abstract
2185 \thesis@blocks@abstractEn
2186 \thesis@blocks@keywords
2187 \thesis@blocks@keywordsEn
2188 \thesis@blocks@declaration
2189 \thesis@blocks@thanks
2190 \thesis@blocks@toc}

```

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

```

2191 \def\thesis@blocks@postamble{%
2192 \thesis@blocks@tables}

```

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

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

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

```

2193 \NeedsTeXFormat{LaTeX2e}
2194 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2015/11/29]

```

The file defines the color scheme of the respective faculty.

```

2195 \thesis@color@setup{
2196 links={HTML}{F58E76},
2197 tableEmph={HTML}{FF9D85},
2198 tableOdd={HTML}{FFF5F6},
2199 tableEven={HTML}{FFDEDF}}

```

The file loads the following packages:

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

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

```

2200 \thesis@require{tikz}
2201 \thesis@require{geometry}
2202 \thesis@require{setspace}
2203 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

```

2204 \def\thesis@blocks@cover{%

```

<sup>8</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)

```

2205 \ifthesis@cover@
2206 \thesis@blocks@clear
2207 \begin{alwaysingle}
2208 \thispagestyle{empty}
2209 \begin{center}
2210 {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\%
2211 \thesis@titlePage@Large\thesis@{facultyName}}\%
2212 \vfill
2213 {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2214 \vfill
2215 {\thesis@titlePage@large\thesis@place
2216 \thesis@year\hfill\thesis@author}
2217 \end{center}
2218 \end{alwaysingle}
2219 \fi}

```

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

```

2220 \def\thesis@blocks@titlePage@content{%
2221 {\thesis@titlePage@Huge\bf\thesis@TeXtitle\[\[0.3in]]}%
2222 {\thesis@titlePage@large{\sc\thesis@{typeName}}}\%
2223 \def\thesis@blocks@titlePage@footer{%
2224 {\thesis@titlePage@large
2225 {% Calculate the width of the thesis author and advisor boxes
2226 \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2227 \bf\thesis@{advisorTitle}:}}
2228 \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2229 \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2230 \bf\thesis@{authorTitle}:}}
2231 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2232 \let\@E\relax\newlength{\@E}\settowidth{\@E}{\%
2233 \bf\thesis@{fieldTitle}:}}
2234 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
2235 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2236 max(\@A,\@B)}
2237 \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2238 max(\@C,\@D,\@E,\@F)}
2239 % Typeset the thesis author and advisor boxes
2240 \vskip 2in\begin{minipage}[t]{\@left}
2241 {\bf\thesis@{advisorTitle}:}\thesis@advisor
2242 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2243 {\bf\thesis@{authorTitle}:}\thesis@author
2244 \[\[1em]{\bf\thesis@{fieldTitle}:}\thesis@field
2245 \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.

```
2246 \def\thesis@blocks@frontMatter{%
2247   \thesis@blocks@clear
2248   % In case of double-sided typesetting, change the geometry
2249   \ifthesis@twoside@
2250     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2251       right=15mm, includeheadfoot}
2252   \fi\pagestyle{empty}
2253   \parindent 1.5em
2254   \setcounter{page}{1}
2255   \pagenumbering{arabic}}
```

`\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.

```
2256 \def\thesis@blocks@mainMatter{%
2257   \thesis@blocks@clear
2258   \setcounter{page}{1}
2259   \pagenumbering{arabic}
2260   \pagestyle{thesisheadings}
2261   \parindent 1.5em
2262   \onehalfspacing}
```

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

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

```
2263 \def\thesis@blocks@bibEntry{%
2264   \chapter*{\thesis@{bib@title}}
2265   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2266   \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2267   \thesis@{facultyName}, \thesis@department, \thesis@year.
2268   \thesis@pages\ \thesis@{bib@pages}.
2269   \thesis@{advisorTitle}: \thesis@advisor}
```

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

```
2270 \def\thesis@blocks@preamble{%
2271   \thesis@blocks@cover
2272   \thesis@blocks@frontMatter
2273   \thesis@blocks@titlePage
2274   \onehalfspacing
2275   \thesis@blocks@clearRight
2276   \thesis@blocks@abstract
2277   \thesis@blocks@abstractEn}
```

```

2278 \thesis@blocks@keywords
2279 \thesis@blocks@keywordsEn
2280 \thesis@blocks@bibEntry
2281 \thesis@blocks@declaration
2282 \thesis@blocks@thanks
2283 \thesis@blocks@tables}

```

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

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

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

```

2284 \NeedsTeXFormat{LaTeX2e}
2285 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2015/11/29]

```

The file defines the color scheme of the respective faculty.

```

2286 \thesis@color@setup{
2287   links={HTML}{93BCF5},
2288   tableEmph={HTML}{A8BDE3},
2289   tableOdd={HTML}{EBEFF5},
2290   tableEven={HTML}{D1DAEB}}

```

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

```

2291 \thesis@blocks@titlePage@field@true

```

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

```

2292 \def\thesis@blocks@preamble{%
2293   \thesis@blocks@cover
2294   \thesis@blocks@titlePage
2295   \thesis@blocks@frontMatter
2296   \thesis@blocks@declaration
2297   \thesis@blocks@thanks
2298   \thesis@blocks@tables}

```

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<sup>9</sup>See [http://www.fsps.muni.cz/~korvas/pokyny\\_k\\_zaverecne\\_praci.doc](http://www.fsps.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc)

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## Change History

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

v0.2.08	General: add change of University name [JP] . . . . .	1	v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN] . . . . .	1
v0.2.09	General: add EN version of University name [JP] . . . . .	1	v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodeLineIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) . . . . .	1
v0.2.10	General: fix EN name of Acknowledgement [JP] . . . . .	1	v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN] . . . . .	1
v0.2.11	General: fix missing fi-logo.mf [JP,PS] . . . . .	1	v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN] . . . . .	1
v0.2.12	General: Licence change to the LPPL [JP] . . . . .	1	v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)	
v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. <a href="http://github.com/liskin/fithesis">http://github.com/liskin/fithesis</a> . . . . .	1		Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17) . . . . .	1
v0.3.00	General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typo elements [VN] . . . . .	1			
v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN] . . . . .	1			
v0.3.02	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN] . . . . .	1			
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] . . . . .	1			



v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] . . . . . 1	
v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packages listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN] . . . . . 1	widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the \ifthesis@blocks@assignment conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN] . . . . . 1
v0.3.11	General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths. Accounted for French spacing in the guide. Fixed the thesis@english@facultyName string. Documentation refinements. [VN] . . . . . 1	v0.3.14 General: Updated the documentation. [VN] . . . . . 1
v0.3.12	General: The subsections and sub-subsections now use the correct tocdepth. [VN] . . . . . 1	v0.3.15 General: Renamed \thesis@requireStyle to \thesis@requireWithOptions and moved the style loader from the \thesis@load routine to a new \thesis@requireStyle macro to make the semantics of \thesis@requireLocale and \thesis@requireStyle more similar. Changed the basepath, logopath, localepath and stylepath keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] . . . . . 1
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous \thesis@blocks@clear block withing the definition of \thesis@blocks@frontMatter in the fss style file. Added comments, fixed clubs and	v0.3.16 General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN] . . . . . 1



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

	ranges to set <code>\thesis@season</code> and <code>\thesis@academicYear</code> . Removed the extraneous indent in the <code>\thesis@blocks@declaration</code> macro definition within the <code>style/mu/fithesis-fi.sty</code> style file. <code>\paragraphs</code> are not included in the table of contents by default. The table class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the <code>style/mu/fithesis-econ.sty</code> style file. [VN] . . . . . 1	
v0.3.25	General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] . . 1	
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	
v0.3.27:1	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	
v0.3.27:2	General: <code>\thesis@selectLocale</code> is no longer performed globally for the entire document during <code>\thesis@load</code> (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's <code>\languagename</code> differs from <code>\thesis@locale</code> ). Instead, <code>\thesis@preamble</code> and <code>@postamble</code> now locally switch the locale and expand <code>\thesis@blocks@preamble</code> and <code>@postamble</code> , which are the new redefinables. Since	this breaks the behaviour of <code>\thesis@blocks@mainMatter</code> , whose effects would also be local, <code>@mainMatter</code> is now executed directly by <code>\thesis@preamble</code> after closing the group and becomes a new part of the interface between the class and the style files. [VN] . . . . . 1
		v0.3.27:3
		General: As a preparation for the future inclusion of bibliography support, the <code>csquotes</code> package is loaded, <code>@csquotesStyle</code> is a new part of the locale interface that sets the <code>csquotes</code> style of a locale, and <code>\thesis@selectLocale</code> now switches the <code>csquotes</code> style. [VN] . . . . . 1
		v0.3.27:4
		General: <code>\thesis@english@declaration</code> now uses the correct idiom (by one's own → on one's own). [VN] . . . . . 1
		v0.3.27:5
		General: The PDF bookmarks are no longer garbled, when the LuaTeX engine is used. [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@requireWithOptions</code> command has become <code>\thesis@requireIfExists</code> . [VN] . . . . . 1
		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