

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 L^AT_EX kernel. Used for the \ltx@ifpackage{loaded} command, which – unlike its \ifpackage{loaded} counterpart – can be used outside the preamble.
- ifxetex – Used to detect the X_ET_EX engine.
- ifluatex – Used to detect the Lu_AT_EX engine.
- inputenc – Used to enable the input UTF-8 encoding. This package does not get loaded under the X_ET_EX and Lu_AT_EX 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 L^AT_EX 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}}
```

\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}}
```

\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           ...
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      | <b>2.2.7 The author key</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |
| \thesis@parseAuthor | The $\{\langle\text{author}=\text{name}\rangle\}$ pair sets the author's full name to <i>name</i> . The <i>name</i> is parsed using the \thesis@parseAuthor macro and stored within the following macros:                                                                                                                                                                                                                                              |
| \thesis@author      | <ul style="list-style-type: none"> <li>• \thesis@author – The full name of the author.</li> </ul>                                                                                                                                                                                                                                                                                                                                                      |
| \thesis@author@head | <ul style="list-style-type: none"> <li>• \thesis@author@head – The first space-delimited part of the name. This corresponds to the author's first name.</li> </ul>                                                                                                                                                                                                                                                                                     |
| \thesis@author@tail | <ul style="list-style-type: none"> <li>• \thesis@author@tail – The full name without the first space-delimited part of the name. This corresponds to the author's surname.</li> </ul>                                                                                                                                                                                                                                                                  |
| \author             | The standard L <sup>A</sup> T <sub>E</sub> X \author macro also sets this key.                                                                                                                                                                                                                                                                                                                                                                         |
|                     | <pre> 97 \def\thesis@parseAuthor#1{% 98   \def\thesis@author{\#1}% 99   \def\thesis@author@head{\expandafter\expandafter\expandafter% 100     \gobble\thesis@head\#1 \relax}% 101   \def\thesis@author@tail{\thesis@tail\#1 \relax}% 102 \thesis@def{\author}% 103 \thesis@def[author]{author@head}% 104 \thesis@def[author]{author@tail}% 105 \define@key{thesis}{author}{% 106   \thesis@parseAuthor{\#1}% 107 \let\author\thesis@parseAuthor </pre> |

### \thesis@id 2.2.8 The id key

The  $\{\langle\text{id}=\text{identifier}\rangle\}$  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  $\{\langle\text{type}=\text{type}\rangle\}$  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                        |

\thesis@bachelors  
\thesis@masters  
\thesis@doctoral

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.

```
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  $\{\langle\text{department}=\text{name}\rangle\}$  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 TeX 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  $\{\langle\text{departmentEn}=\text{name}\rangle\}$  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  $\{\langle\text{programme}=\text{name}\rangle\}$  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 TeX 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  $\{\langle\text{programmeEn}=\text{name}\rangle\}$  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  $\{\langle\text{field}=\text{name}\rangle\}$  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 TeX 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  $\{<\text{fieldEn}=\text{name}\}$  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  $\{<\text{universityLogo}=\text{filename}\}$  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  $\text{\TeX}$  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  $\{<\text{facultyLogo}=\text{filename}\}$  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  $\text{\TeX}$  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  $\{<\text{style}=\text{filename}\}$  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\languagename\undefined%
154 english\else\languagename\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 }

```

### 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:

- |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>\thesis@parseDate</p> <p>\thesis@date</p> <p>\thesis@year</p> <p>\thesis@month</p> <p>\thesis@day</p> <p>\thesis@season</p> <p>\thesis@academicYear</p> | <ul style="list-style-type: none"> <li>• \thesis@date – The entire <code>date</code></li> <li>• \thesis@year – The YYYY part of <code>date</code></li> <li>• \thesis@month – The MM part of <code>date</code></li> <li>• \thesis@day – The DD part of <code>date</code></li> <li>• \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> </li> <li>• \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> </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 L<sup>A</sup>T<sub>E</sub>X `\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  
\thesis@postamble  
\thesis@blocks@preamble  
\thesis@blocks@postamble

The \thesis@preamble and \thesis@postamble macros temporarily switch to the hyphenation patterns and the csquotes style of the main locale and typeset the contents of the \thesis@blocks@preamble or \thesis@blocks@postamble macros, 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. 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 main locale file is 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 \thesis@requireLocale{\thesis@locale}
282 \fi

```

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

```

283 \ifx\thesis@style\empty\else
284 \thesis@requireStyle{\thesis@style}
285 \fi

```

With the placeholder strings loaded from the locale files, we can now inject metadata 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 `2015/11/30 v0.3.27 fithesis3 MU thesis class`.

```

286 \thesis@require{hyperref}
287 \hypersetup{
288 unicode=true,
289 pdfencoding=auto,
290 pdftitle=\thesis@title,
291 pdfauthor=\thesis@author,
292 pdfkeywords=\thesis@keywords,
293 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.

```

294 \ifthesis@auto
295 \AtBeginDocument{\thesis@preamble}
296 \AtEndDocument{\thesis@postamble}
297 \fi
298 \makeatother
299 \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.

```

300 \def\thesis@exists#1#2{%
301 \IfFileExists{#1}{#2}{%
302 \ClassWarning{fithesis3}{File #1 doesn't exist}}}

```

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| \thesis@input              | The \thesis@input{ <i>file</i> } macro inputs the given <i>file</i> , if it exists.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                            | 303 \def\thesis@input#1{%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                            | 304 \thesis@exists{#1}{\input{#1}}}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| \thesis@require            | The \thesis@require { <i>package</i> } expands to \RequirePackage{ <i>package</i> }, if the specified <i>package</i> has not yet been loaded.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                            | 305 \def\thesis@require#1{%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                            | 306 @ifpackageloaded{#1}{}{\RequirePackage{#1}}}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| \thesis@requireWithOptions | The \thesis@requireWithOptions{ <i>package</i> } expands to \RequirePackageWithOptions{ <i>package</i> }, if the specified <i>package</i> exists and has not yet been loaded.                                                                                                                                                                                                                                                                                                                                                                                                              |
|                            | 307 \def\thesis@requireWithOptions#1{\thesis@exists{#1.sty}{%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                            | 308 @ifpackageloaded{#1}{}{\RequirePackageWithOptions{#1}}}}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| \thesis@requireStyle       | If inheritance is enabled for style files, then the \thesis@requireStyle{ <i>style</i> } 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 <i>style</i> .sty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                            | If inheritance is disabled for style files, then only the last listed file is loaded. The fithesis- prefix serves to prevent package clashes with other similarly named package files within the TeX directory structure.                                                                                                                                                                                                                                                                                                                                                                  |
|                            | 309 \def\thesis@requireStyle#1{%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                            | 310 @ifthesis@style@inheritance%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                            | 311 \thesis@requireWithOptions{\thesis@stylepath fithesis-base}%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                            | 312 \thesis@requireWithOptions{\thesis@stylepath\thesis@university%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                            | 313 /fithesis-base}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                            | 314 \fi%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                            | 315 \thesis@requireWithOptions{\thesis@stylepath#1}}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| \thesis@requireLocale      | If inheritance is enabled for style files, then the \thesis@requireLocale{ <i>locale</i> } macro sequentially loads each of the following locale files, provided they exist:                                                                                                                                                                                                                                                                                                                                                                                                               |
|                            | 1. \thesis@localepath fithesis- <i>locale</i> .def                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                            | 2. \thesis@localepath\thesis@university/fithesis- <i>locale</i> .def                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                            | 3. \thesis@localepath\thesis@university/\thesis@faculty/fithesis- <i>locale</i> .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@ <i>locale</i> @required macro is defined as a flag, which prevents future invocations with the same <i>locale</i> . The macro can be used within both locale and style files, although the usage within locale files is strongly discouraged to prevent circular dependencies. |



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{\thesis@lower{\thesis@locale @#1}}
344 \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 the tail of space-separated token sequences that end with `\relax`.

```
345 \def\thesis@head#1 #2{%
346 \ifx\relax#2%
347 \expandafter\@gobbletwo%
348 \else%
349 \ #1%
350 \fi%
351 \thesis@head#2}%
352 \def\thesis@tail#1 #2{%
353 \ifx\relax#2%
354 #1%
355 \expandafter\@gobbletwo%
356 \fi%
357 \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 `??`.

```
358 \AtEndDocument{\write@auxout{\noexpand\noexpand\thesis@pages{\thepage}}}
359 \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.

```
360 \AtEndPreamble{\thesis@require{csquotes}}
361 \def\thesis@selectLocale#1{%
362 \edef\thesis@locale{\#1}%
363 \csq@setstyle{\thesis@{\csquotesStyle}}%
364 \ltx@ifpackageloaded{polyglossia}{%
365 \selectlanguage{\thesis@locale}%
366 }{%
367 \language\csname l@\thesis@locale\endcsname
368 }}
```

## 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 `\file` respective `ins` file. A macro `\file{<filename>}` is available for the sectioning of the documentation of various files within the `dtx` file. For more information about `dtx` files and the `docstrip` tool, consult the `dtxtut`, `docstrip`, `doc` and `ltxdoc` manuals.

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

### 3.5.1 Interface

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

- `\thesis@locale@csquotesStyle` – The name of the style of the `csquotes` package that matches this locale
- `\thesis@locale@universityName` – The name of the university
- `\thesis@locale@facultyName` – The name of the faculty
- `\thesis@locale@assignment` – The instructions to replace the current page with the official thesis assignment
- `\thesis@locale@declaration` – The thesis declaration text
- `\thesis@locale@fieldTitle` – The title of the field of study entry
- `\thesis@locale@advisorTitle` – The title of the advisor entry
- `\thesis@locale@authorTitle` – The title of the author entry
- `\thesis@locale@abstractTitle` – The title of the abstract section
- `\thesis@locale@keywordsTitle` – The title of the keywords section
- `\thesis@locale@thanksTitle` – The title of the acknowledgement section
- `\thesis@locale@declarationTitle` – The title of the declaration section
- `\thesis@locale@idTitle` – The title of the thesis author's identifier field
- `\thesis@locale@spring` – The name of the spring semester
- `\thesis@locale@fall` – The name of the fall semester
- `\thesis@locale@semester` – The full name of the current semester
- `\thesis@locale@typeName` – The name of the thesis type

where `locale` is the name of the locale.

### 3.5.2 English locale files

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

This is the base file of the English locale.

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

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

```
370
371 % Placeholders
372 \gdef\thesis@english@universityName{University name}
373 \gdef\thesis@english@facultyName{Faculty name}
374 \gdef\thesis@english@assignment{Replace this page with a copy
375 of the official signed thesis assignment.}
376 \gdef\thesis@english@declaration{Declaration text ...}
377
378 % Csquotes style
379 \gdef\thesis@english@csquotesStyle{english}
380
381 % Miscellaneous
382 \gdef\thesis@english@fieldTitle{Field of study}
383 \gdef\thesis@english@advisorTitle{Advisor}
384 \gdef\thesis@english@authorTitle{Author}
385 \gdef\thesis@english@abstractTitle{Abstract}
386 \gdef\thesis@english@keywordsTitle{Keywords}
387 \gdef\thesis@english@thanksTitle{Acknowledgement}
388 \gdef\thesis@english@declarationTitle{Declaration}
389 \gdef\thesis@english@idTitle{ID}
390 \gdef\thesis@english@spring{Spring}
391 \gdef\thesis@english@fall{Fall}
392 \gdef\thesis@english@semester{%
393 \thesis@{english@\thesis@season} \thesis@year}
394 \gdef\thesis@english@typeName{%
395 \ifx\thesis@type\thesis@bachelors%
396 Bachelor's Thesis%
397 \else\ifx\thesis@type\thesis@masters%
398 Master's Thesis%
399 \else\ifx\thesis@type\thesis@doctoral%
400 Doctoral Thesis%
401 \else\ifx\thesis@type\thesis@rigorous%
402 Rigorous Thesis%
403 \else%
404 <<Unknown thesis type (\thesis@type)>>%
405 \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.

```

406 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2015/11/30]
407 \gdef\thesis@english@universityName{Masaryk University}
408 \gdef\thesis@english@declaration{%
409 Hereby I declare that this paper is my original authorial work,
410 which I have worked out on my own. All sources, references, and
411 literature used or excerpted during elaboration of this work are
412 properly cited and listed in complete reference to the due source.}
413
414 % Miscellaneous
415 \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.

```

416 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
417 \gdef\thesis@english@facultyName{Faculty of Law}
418 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
419 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.

```

420 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
421
422 % Placeholders
423 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
424
425 % Miscellaneous
426 \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.

```

427 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]
428
429 % Placeholders
430 \gdef\thesis@english@facultyName{Faculty of Social Studies}
431 \gdef\thesis@english@assignment{Replace this page with a copy
432 of the official signed thesis assignment or the copy of the
433 Statement of an Author or both, depending on the requirements of
434 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.

```
435 \ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2015/06/26]
436 \gdef\thesis@english@facultyName{Faculty of Economics
437 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.

```
438 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]
439
440 % Miscellaneous
441 \gdef\thesis@english@abstractTitle{Annotation}
442
443 % Placeholders
444 \gdef\thesis@english@facultyName{Faculty of Medicine}
445
446 % Bibliographic entry
447 \gdef\thesis@english@bib@title{Bibliographic record}
448 \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.

```
449 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
450
451 % Placeholders
452 \gdef\thesis@english@facultyName{Faculty of Informatics}
453 \gdef\thesis@english@assignment{Replace this page with a copy
454 of the official signed thesis assignment and the copy of the
455 Statement of an Author.}
456
457 % Others
458 \gdef\thesis@english@advisorSignature{Signature of Thesis
459 \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.

```
460 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2015/06/26]
461 \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.

```
462 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2015/06/26]
463
464 % Placeholders
465 \gdef\thesis@english@facultyName{Faculty of Education}
466
467 % Bibliographic entry
468 \gdef\thesis@english@bib@title{Bibliographic record}
469 \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.

```
470 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]
471
472 % Placeholders
473 \gdef\thesis@english@facultyName{Faculty of Science}
474
475 % Miscellaneous
476 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
477
478 % Bibliographic entry
479 \gdef\thesis@english@bib@title{Bibliographic entry}
480 \global\let\thesis@english@bib@author\thesis@english@authorTitle
481 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
482 \gdef\thesis@english@bib@programme{Degree Programme}
483 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
484 \gdef\thesis@english@bib@advisor{Supervisor}
485 \gdef\thesis@english@bib@academicYear{Academic Year}
486 \gdef\thesis@english@bib@pages{Number of Pages}
487 \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.

488 \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.                                                                                |

```
489
490 % Pomocná makra
491 \gdef\thesis@czech@gender@koncovka{%
492 \ifthesis@woman a\fi}
493
494 % Csquotes styl
495 \gdef\thesis@czech@csquotesStyle{german}
496
497 % Zástupné texty
498 \gdef\thesis@czech@universityName{Název univerzity}
499 \gdef\thesis@czech@facultyName{Název fakulty}
500 \gdef\thesis@czech@assignment{Místo tohoto listu vložte kopii
501 oficiálního podepsaného zadání práce.}
502 \gdef\thesis@czech@declaration{Text prohlášení ...}
503
504 % Různé
505 \gdef\thesis@czech@fieldTitle{Obor}
506 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
507 \gdef\thesis@czech@authorTitle{Autor}
508 \gdef\thesis@czech@abstractTitle{Shrnutí}
509 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
510 \gdef\thesis@czech@thanksTitle{Poděkování}
511 \gdef\thesis@czech@declarationTitle{Prohlášení}
512 \gdef\thesis@czech@idTitle{ID}
513 \gdef\thesis@czech@spring{jaro}
514 \gdef\thesis@czech@fall{podzim}
515 \gdef\thesis@czech@semester{%
516 \thesis@{czech@\thesis@season} \thesis@year}
517 \gdef\thesis@czech@typeName{%
518 \ifx\thesis@type\thesis@bachelors%
519 Bakalářská práce%
520 \else\ifx\thesis@type\thesis@masters%
521 Diplomová práce%
522 \else\ifx\thesis@type\thesis@doctoral%
523 Disertační práce%
```

```

524 \else\ifx\thesis@type\thesis@rigorous%
525 Rigorózní práce%
526 \else%
527 <<Neznámý typ práce (\thesis@type)>>%
528 \fi\fi\fi\fi}
529 \gdef\thesis@czech@typeName@akuzativ{%
530 \ifx\thesis@type\thesis@bachelors%
531 Bakalářskou práci%
532 \else\ifx\thesis@type\thesis@masters%
533 Diplomovou práci%
534 \else\ifx\thesis@type\thesis@doctoral%
535 Disertační práci%
536 \else\ifx\thesis@type\thesis@rigorous%
537 Rigorózní práci%
538 \else%
539 <<Neznámý typ práce (\thesis@type)>>%
540 \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.

```

541 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/11/17]
542
543 % Zástupné texty
544 \gdef\thesis@czech@universityName{Masarykova univerzita}
545 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
546 \thesis@lower{czech@typeName@akuzativ} zpracoval%
547 \thesis@czech@gender@koncovka\ samostatně a
548 použil\thesis@czech@gender@koncovka\ jen prameny
549 uvedené~v seznamu literatury.}
550
551 % Různé
552 \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.

```

553 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
554
555 % Různé
556 \gdef\thesis@czech@abstractTitle{Abstrakt}
557
558 % Zástupné texty

```

```
559 \gdef\thesis@czech@facultyName{Právnická fakulta}
560 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
561 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.

```
562 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
563
564 % Zástupné texty
565 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
566
567 % Různé
568 \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.

```
569 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
570
571 % Zástupné texty
572 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
573 \gdef\thesis@czech@assignment{Místo tohoto listu
574 vložte kopie oficiálního podepsaného zadání práce nebo
575 prohlášení autora školního díla nebo obojí~v závislosti na
576 požadavcích příslušné katedry.}
577
```

#### 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.

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

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

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

```

580 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2015/06/26]
581
582 % Různé
583 \gdef\thesis@czech@abstractTitle{Anotace}
584
585 % Zástupné texty
586 \gdef\thesis@czech@facultyName{Lékařská fakulta}
587
588 % Bibliografický záznam
589 \gdef\thesis@czech@bib@title{Bibliografický záznam}
590 \gdef\thesis@czech@bib@pages{str}

```

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

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

```

591 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
592
593 % Zástupné texty
594 \gdef\thesis@czech@facultyName{Fakulta informatiky}
595 \gdef\thesis@czech@assignment{Místo tohoto listu
596 vložte kopie oficiálního podepsaného zadání práce a
597 prohlášení autora školního díla.}
598 \gdef\thesis@czech@declaration{%
599 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
600 původním autorským dílem, které jsem vypracoval%
601 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
602 prameny a literaturu, které jsem při vypracování
603 používal\thesis@czech@gender@koncovka\ nebo z nich
604 čerpal\thesis@czech@gender@koncovka, v práci řádně cituji
605 s uvedením úplného odkazu na příslušný zdroj.}
606
607 % Ostatní
608 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}

```

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

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

```

609 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2015/06/26]
610
611 % Zástupné texty
612 \gdef\thesis@czech@facultyName{Filozofická fakulta}

```

```

613 \gdef\thesis@czech@declaration{%
614 Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
615 vypracoval\thesis@czech@gender@koncovka\ samostatně s využitím
616 uvedené literatury.}
617
618 % Ostatní
619 \gdef\thesis@czech@typeName{%
620 \ifx\thesis@type\thesis@bachelors%
621 Bakalářská diplomová práce%
622 \else\ifx\thesis@type\thesis@masters%
623 Magisterská diplomová práce%
624 \else\ifx\thesis@type\thesis@doctoral%
625 Disertační práce%
626 \else%
627 <<Neznámý typ práce (\thesis@type)>>%
628 \fi\fi\fi}
629 \gdef\thesis@czech@typeName@akuzativ{%
630 \ifx\thesis@type\thesis@bachelors%
631 Diplomovou práci%
632 \else\ifx\thesis@type\thesis@masters%
633 Diplomovou práci%
634 \else\ifx\thesis@type\thesis@doctoral%
635 Disertační práci%
636 \else%
637 <<Neznámý typ práce (\thesis@type)>>%
638 \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.

```

639 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2015/06/26]
640
641 % Zástupné texty
642 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
643
644 % Bibliografický záznam
645 \gdef\thesis@czech@bib@title{Bibliografický záznam}
646 \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.

```
647 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2015/06/26]
648
649 % Zástupné texty
650 \gdef\thesis@czech@facultyName{Přírodovědecká fakulta}
651
652 % Ostatní
653 \gdef\thesis@czech@abstractTitle{Abstrakt}
654 \gdef\thesis@czech@declaration{%
655 Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
656 akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
657 statně s~využitím informačních zdrojů, které jsou v~práci
658 citovány.}
659
660 % Bibliografický záznam
661 \gdef\thesis@czech@bib@title{Bibliografický záznam}
662 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
663 \gdef\thesis@czech@bib@thesisTitle{Název práce}
664 \gdef\thesis@czech@bib@programme{Studijní program}
665 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
666 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
667 \gdef\thesis@czech@bib@academicYear{Akademický rok}
668 \gdef\thesis@czech@bib@pages{Počet stran}
669 \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.

```
670 \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.

```
671
672 % Pomocná makrá
673 \gdef\thesis@slovak@gender@koncovka{%
674 \ifthesis@woman a\fi}
675
676 % Csquotes štýl
677 \gdef\thesis@slovak@csquotesStyle{german}
678
```

```

679 % Zástupné texty
680 \gdef\thesis@slovak@universityName{Názov univerzity}
681 \gdef\thesis@slovak@facultyName{Názov fakulty}
682 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
683 oficiálneho podpísaného zadania práce.}
684 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
685
686 % Rôzne
687 \gdef\thesis@slovak@fieldTitle{Odbor}
688 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
689 \gdef\thesis@slovak@authorTitle{Autor}
690 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
691 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
692 \gdef\thesis@slovak@thanksTitle{Podakovanie}
693 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
694 \gdef\thesis@slovak@idTitle{ID}
695 \gdef\thesis@slovak@spring{jar}
696 \gdef\thesis@slovak@fall{jeseň}
697 \gdef\thesis@slovak@semester{%
698 \thesis@{slovak@\thesis@season} \thesis@year}
699 \gdef\thesis@slovak@typeName{%
700 \ifx\thesis@type\thesis@bachelors{%
701 Bakalárská práca%
702 } \else \ifx\thesis@type\thesis@masters{%
703 Diplomová práca%
704 } \else \ifx\thesis@type\thesis@doctoral{%
705 Dizertačná práca%
706 } \else \ifx\thesis@type\thesis@rigorous{%
707 Rigorózna práca%
708 } \else%
709 <<Neznámý typ práce (\thesis@type)>>%
710 \fi\fi\fi\fi}
711 \gdef\thesis@slovak@typeName@akuzativ{%
712 \ifx\thesis@type\thesis@bachelors{%
713 Bakalársku prácu%
714 } \else \ifx\thesis@type\thesis@masters{%
715 Diplomovú prácu%
716 } \else \ifx\thesis@type\thesis@doctoral{%
717 Dizertačnú prácu%
718 } \else \ifx\thesis@type\thesis@rigorous{%
719 Rigoróznu prácu%
720 } \else%
721 <<Neznámý typ práce (\thesis@type)>>%
722 \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.

723 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/11/17]
724
725 % Zástupné texty
726 \gdef\thesis@slovak@universityName{Masarykova univerzita}
727 \gdef\thesis@slovak@declaration{%
728 Prehlasujem, že som predloženú \thesis@lower{%
729 slovak@typeName@akuzativ} vypracoval%
730 \thesis@slovak@gender@koncovka\ samostatne len s~použitím
731 uvedenej literatúry a prameňov.}
732
733 % Rôzne
734 \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.

```

735 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
736
737 % Rôzne
738 \gdef\thesis@slovak@abstractTitle{Abstrakt}
739
740 % Zástupné texty
741 \gdef\thesis@slovak@facultyName{Právnická fakulta}
742 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
743 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.

```

744 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
745
746 % Zástupné texty
747 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
748
749 % Rôzne
750 \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.

```
751 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
752
753 % Zástupné texty
754 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
755 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
756 oficiálneho podpísaného zadania práce alebo prehlásenie autora
757 školského diela alebo obidve v závislosti na požiadavkách
758 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.

```
759 \ProvidesFile{fithesis/locale/mu/econ/fithesis-slovak.def}[2015/06/26]
760 \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.

```
761 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]
762
763 % Rôzne
764 \gdef\thesis@slovak@abstractTitle{Anotácie}
765
766 % Zástupné texty
767 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
768
769 % Bibliografický zoznam
770 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
771 \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.

```
772 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
773
```

```

774 % Zástupné texty
775 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
776 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
777 oficiálneho podpísaného zadania práce a prehlásenie autora
778 školského diela.}
779 \gdef\thesis@slovak@declaration{%
780 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
781 pôvodným autorským dielom, ktoré som vypracoval%
782 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
783 pramene a literatúru, ktoré som pri vypracovaní
784 používal\thesis@slovak@gender@koncovka\ alebo z nich
785 čerpal\thesis@slovak@gender@koncovka, v práci riadne citujem
786 s uvedením úplného odkazu na príslušný zdroj.}
787
788 % Rôzne
789 \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.

```

790 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2015/06/26]
791
792 % Zástupné texty
793 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
794 \gdef\thesis@slovak@declaration{%
795 Prehlasujem, že som predloženú \thesis@lower{%
796 slovak@typeName@akuzativ} vypracoval%
797 \thesis@slovak@gender@koncovka\ samostatne na
798 základe vlastných zistení a len s použitím
799 uvedenej literatúry a prameňov.}
800
801 % Rôzne
802 \gdef\thesis@slovak@typeName{%
803 \ifx\thesis@type\thesis@bachelors%
804 Bakalárská diplomová práca%
805 \else\ifx\thesis@type\thesis@masters%
806 Magisterská diplomová práca%
807 \else\ifx\thesis@type\thesis@doctoral%
808 Dizertačná práca%
809 \else%
810 <<Neznám typ práce (\thesis@type)>>%
811 \fi\fi\fi}
812 \gdef\thesis@slovak@typeName@akuzativ{%
813 \ifx\thesis@type\thesis@bachelors%
814 Diplomovú prácu%
815 \else\ifx\thesis@type\thesis@masters%
816 Diplomovú prácu%

```

```

817 \else\ifx\thesis@type\thesis@doctoral%
818 Dizertačnú prácu%
819 \else%
820 <<Neznámý typ práce (\thesis@type)>>%
821 \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.

```

822 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]
823
824 % Zástupné texty
825 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
826
827 % Bibliografický zoznam
828 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
829 \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.

```

830 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
831
832 % Zástupné texty
833 \gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}

```

## 3.6 Style files

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

When creating a new style file, it is advisable to create one self-contained `dtx` file, which can contain several files to be extracted via the `docstrip` tool based on the respective `ins` file. A macro `\file{<filename>}` is available for the sectioning of the documentation of various files within the `dtx` file. For more information about `dtx` files and the `docstrip` tool, consult the `dtx tut`, `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> | <ul style="list-style-type: none"> <li>• <code>\thesis@blocks@preamble</code> – If autolayout is enabled, then this macro is expanded at the very beginning of the document.</li> </ul> |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

### 3.6.2 Base style files

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

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

```
834 \NeedsTeXFormat{LaTeX2e}
835 \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.

```
836 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2015/11/17]
837 \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 – Overful 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.

- `\ifthesis@color@` – Certain typographical elements either are or aren't going to be typeset in color, respectively. The `\ifthesis@color@` conditional is set to either true or false, respectively.
  - `\ifthesis@microtype@` – The microtypographic extension of modern  $\text{\TeX}$  engines – such as  $\text{pdf}\text{\TeX}$ ,  $\text{Xe}\text{\TeX}$ , or  $\text{Lua}\text{\TeX}$  – is or isn't going to be enabled, respectively. The `\ifthesis@microtype@` conditional is set to either true or false, respectively.
  - `\ifthesis@newtable@` – 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 `fithesis3` class thus breaking the encapsulation. Naming the option `table` forces the option to be processed by the `xcolor` package as well and it is therefore an elegant solution to the problem at hand.
- `\thesis@blocks@tables` – `\listoftables` either is or isn't going to be included in the `\thesis@blocks@tables` block, respectively.
  - `\thesis@blocks@tables` – `\listoffigures` is or isn't going to be included in the `\thesis@blocks@tables` block, respectively.
  - `\thesis@blocks@cover` – 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.
- ```

838 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
839 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
840 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
841 \newif\ifthesis@twoside@
842 \DeclareOption{oneside}%
843   \thesis@twoside@false\@twosidefalse\@mparswitchfalse
844 \DeclareOption{twoside}%
845   \thesis@twoside@true\@twosidetrue\@mparswitchtrue
846 \DeclareOption{onecolumn}{\@twocolumnfalse}
847 \DeclareOption{twocolumn}{\@twocolumntrue}
848 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
849 \DeclareOption{final}{\setlength\overfullrule{0pt}}
850 \newif\ifthesis@color@
851 \DeclareOption{monochrome}{\thesis@color@false}
852 \DeclareOption{color}{\thesis@color@true}
853 \newif\ifthesis@microtype@

```

```

854 \DeclareOption{microtype}{\thesis@microtype@true}
855 \DeclareOption{nomicrotype}{\thesis@microtype@false}
856 \newif\ifthesis@palatino@
857 \DeclareOption{palatino}{\thesis@palatino@true}
858 \DeclareOption{nopalatino}{\thesis@palatino@false}
859 \newif\ifthesis@newtable@
860 \DeclareOption{table}{\thesis@newtable@true}
861 \DeclareOption{oldtable}{\thesis@newtable@false}
862 \DeclareOption{nolot}{\def\thesis@blocks@lot{}}
863 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
864 \DeclareOption{nolof}{\def\thesis@blocks@lof{}}
865 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
866 \newif\ifthesis@cover@
867 \DeclareOption{nocover}{\thesis@cover@false}
868 \DeclareOption{cover}{\thesis@cover@true}

```

These are the default options:

```

869 \ExecuteOptions{12pt,twoside,final,monochrome,microtype,%
870   palatino,oldtable,lot,lof,nocover}
871 \ProcessOptions

```

The file uses English locale strings within the macros.

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

The file loads the following packages:

- `xcolor` – Adds support for color manipulation.
- `ifxetex` – Used to detect the X_ET_EX engine.
- `ifluatex` – Used to detect the Lu_AT_EX engine.
- `graphix` – Adds support for the inclusion of graphics files.
- `pdfpages` – Adds support for the injection of PDF documents into the resulting document, namely the thesis assignment.
- `hyperref` – Adds support for the injection of metadata into the resulting PDF document.
- `keyval` – Adds support for parsing comma-delimited lists of key-value pairs.

```

873 \thesis@require{xcolor}
874 \thesis@require{graphicx}
875 \thesis@require{pdfpages}
876 \thesis@require{keyval}
877 \thesis@require{ifxetex}
878 \thesis@require{ifluatex}

```

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

```

879 \ifthesis@microtype@
880   \thesis@require{microtype}
881 \fi

```

\ifthesis@xeluatex Using the \ifxetex and \ifluatex conditionals, a compound \ifthesis@xeluatex conditional was constructed. This conditional can be used by subsequently loaded style files to test, whether either the X_ET_EX or the Lu_AT_EX engine is being used.

```

882 {\let\x\expandafter
883 \x\global\x\let\x\ifthesis@xeluatex\csname if%
884   \ifxetex true\else
885     \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
886     \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
887   \fi
888 \fi\endcsname}

```

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

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

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

```

889 \ifthesis@xeluatex
890   \ifthesis@palatino@
891     \thesis@require{fontspec}
892     \thesis@require{unicode-math}
893     \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
894     \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
895       {texgyrepagella-math.otf}
896 \fi

```

The following packages get only loaded, when the document is not being typeset using the X_ET_EX or Lu_AT_EX 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.

```

897 \else
898   \ifthesis@palatino@
899     \RequirePackage[resetfonts]{cmap}
900     \thesis@require{lmodern}
901     \thesis@require{mathpazo}
902     \thesis@require{tgpagella}
903     \RequirePackage[T1]{fontenc}
904 \fi
905 \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 L^AT_EX.

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

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

```

906 \let\thesis@newtable@old\tabular
907 \let\endthesis@newtable@old\endtabular
908 \ifthesis@newtable@\ifthesis@color@
909   \thesis@require{tabularx}
910   \thesis@require{tabu}
911   \thesis@require{booktabs}
912   % The redefinition of ‘tabular’
913   \renewenvironment{tabular}%
914     {\rowcolors{1}{\thesis@color@tableOdd}%
915      {\thesis@color@tableEven}%
916      \thesis@newtable@old}%
917      {\endthesis@newtable@old}
918   % The redefinition of ‘tabularx’
919   \let\thesis@newtable@oldx\tabularx
920   \let\endthesis@newtable@oldx\endtabularx
921   \renewenvironment{tabularx}%
922     {\rowcolors{1}{\thesis@color@tableOdd}%
923      {\thesis@color@tableEven}%
924      \thesis@newtable@oldx}%
925      {\endthesis@newtable@oldx}
926   % The redefinition of ‘tabu’
927   \let\thesis@newtable@oldtabu\tabu
928   \let\endthesis@newtable@oldtabu\endtabu
929   \renewenvironment{tabu}%
930     {\rowcolors{1}{\thesis@color@tableOdd}%
931      {\thesis@color@tableEven}%
932      \thesis@newtable@oldtabu}%
933      {\endthesis@newtable@oldtabu}
934   % Adjust the measurements

```

```

935 \setlength{\aboverulesep}{0pt}
936 \setlength{\belowrulesep}{0pt}
937 \setlength{\extrarowheight}{.75ex}
938 \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.

```

939 \thesis@require{hyperref}
940 \hypersetup{
941   pdfborderstyle={/S/U/W 1}, % Less obtrusive borders
942   plainpages=false}         % Multiple page numbering support
Clubs and widows are set to be infinitely bad.
943 \widowpenalty 10000
944 \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.

```

945 \def\thesis@color@setup#1{%
946   \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.

```

947 \define@key{thesis@color}{links}{%
948   \definecolor{thesis@color@links}{#1}
949   \hypersetup{linkbordercolor=thesis@color@links}}
950 \define@key{thesis@color}{tableOdd}{%
951   \definecolor{thesis@color@tableOdd}{#1}}
952 \define@key{thesis@color}{tableEven}{%
953   \definecolor{thesis@color@tableEven}{#1}}
954 \define@key{thesis@color}{tableEmph}{%
955   \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.
	<pre> 956 \def\thesis@blocks@frontMatter{% 957 \thesis@blocks@clear 958 \pagestyle{plain} 959 \parindent 1.5em 960 \setcounter{page}{1} 961 \pagenumbering{roman}}</pre>
\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.
	<pre> 962 \def\thesis@blocks@clear{% 963 \ifthesis@twoside@% 964 \clearpage% 965 \thispagestyle{empty}% 966 \cleardoublepage% 967 \else% 968 \newpage% 969 \fi}</pre>
\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.
	<pre> 970 \def\thesis@blocks@clearRight{% 971 \ifthesis@twoside@% 972 \clearpage% 973 \ifodd\value{page}% 974 \thispagestyle{empty}% 975 \hbox{}% 976 \newpage% 977 \fi% 978 \else% 979 \newpage% 980 \fi}</pre>
s@blocks@facultyLogo@monochrome	The \thesis@blocks@facultyLogo@monochrome[<i>options</i>] macro typesets the \thesis@logopath\thesis@facultyLogo logo with the given <i>options</i> passed to \includegraphics.
	<pre> 981 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]% 982 [width=40mm]{% 983 \edef\@path{\thesis@logopath\thesis@facultyLogo}% 984 \includegraphics[#1]{\@path}}}</pre>
\thesis@blocks@facultyLogo@color	The \thesis@blocks@facultyLogo@color[<i>options</i>] macro typesets either the \thesis@logopath\thesis@facultyLogo logo, if the \ifthesis@color@ conditional is false, or the \thesis@logopath\thesis@facultyLogo-color logo otherwise with the given <i>options</i> passed to \includegraphics.
	<pre> 985 \newcommand{\thesis@blocks@facultyLogo@color}[1]% 986 [width=40mm]{%</pre>

	<pre> 987 \edef\@path{\thesis@logopath\thesis@facultyLogo% 988 \ifthesis@color@-color\fi}% 989 \includegraphics[#1]{\@path}}} </pre>
\thesis@blocks@universityLogo@monochrome	The <code>\thesis@blocks@universityLogo@monochrome[<options>]</code> macro typesets the <code>\thesis@logopath\thesis@universityLogo</code> logo with the given <i>options</i> passed to <code>\includegraphics</code> .
	<pre> 990 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]% 991 [width=40mm]{% 992 \edef\@path{\thesis@logopath\thesis@universityLogo}% 993 \includegraphics[#1]{\@path}}} </pre>
\thesis@blocks@universityLogo@color	The <code>\thesis@blocks@universityLogo@color[<options>]</code> macro typesets either the <code>\thesis@logopath\thesis@universityLogo</code> logo, if the <code>\ifthesis@color@</code> conditional is false, or the <code>\thesis@logopath\thesis@universityLogo-color</code> logo otherwise with the given <i>options</i> passed to <code>\includegraphics</code> .
	<pre> 994 \newcommand{\thesis@blocks@universityLogo@color}[1]% 995 [width=40mm]{% 996 \edef\@path{\thesis@logopath\thesis@universityLogo}% 997 \ifthesis@color@-color\fi}% 998 \includegraphics[#1]{\@path}}} </pre>
\thesis@blocks@cover	The <code>\thesis@blocks@cover</code> macro typesets the thesis cover. It is composed of three macros: <ul style="list-style-type: none"> • <code>\thesis@blocks@cover@header</code> – The header of the cover page • <code>\thesis@blocks@cover@content</code> – The content of the cover page • <code>\thesis@blocks@cover@footer</code> – The footer of the cover page This allows the subsequently loaded style files to only redefine certain parts of the cover page.
\thesis@blocks@cover@header \thesis@blocks@cover@content \thesis@blocks@cover@footer	<pre> 999 \def\thesis@blocks@cover{% 1000 \ifthesis@cover@% 1001 \thesis@blocks@clear% 1002 \begin{alwayssingle}% 1003 \thispagestyle{empty}% 1004 \begin{center}% 1005 \thesis@blocks@cover@header% 1006 \thesis@blocks@facultyLogo@monochrome\[0.4in]% 1007 \let\footnotesize\small% 1008 \let\footnoterule\relax{}% 1009 \thesis@blocks@cover@content% 1010 \par\vfill% 1011 \thesis@blocks@cover@footer% 1012 \end{center}% 1013 \end{alwayssingle}% 1014 \fi} </pre>

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.

```

1015 \newif\ifthesis@blocks@cover@university@
1016 \thesis@blocks@cover@university@true
1017 \newif\ifthesis@blocks@cover@faculty@
1018 \thesis@blocks@cover@faculty@true
1019 \newif\ifthesis@blocks@cover@department@
1020 \thesis@blocks@cover@department@false
1021 \newif\ifthesis@blocks@cover@field@
1022 \thesis@blocks@cover@field@false
1023
1024 \def\thesis@blocks@cover@header{%
1025   {\sc\ifthesis@blocks@cover@university@%
1026     \thesis@titlePage@LARGE\thesis@@{universityName}\%
1027   \fi\ifthesis@blocks@cover@faculty@%
1028     \thesis@titlePage@Large\thesis@@{facultyName}\%
1029   \fi\ifthesis@blocks@cover@department@%
1030     \thesis@titlePage@large\thesis@department\%
1031   \fi}
1032 \ifthesis@blocks@cover@field@%
1033   {\thesis@titlePage@large\vskip 1em%
1034     {\bf\thesis@@{fieldTitle}:} \thesis@field}%
1035 \fi\vskip 2em}
1036 \def\thesis@blocks@cover@content{%
1037   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1038 \vskip 0.8in%
1039 {\thesis@titlePage@large\sc\thesis@@{typeName}}\[0.3in]%
1040 {\thesis@titlePage@Large\bf\thesis@author}%
1041 \def\thesis@blocks@cover@footer{%
1042   {\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.

```
1043 \def\thesis@blocks@titlePage{%
1044   \thesis@blocks@clear%
1045   \begin{alwayssingle}%
1046     \thispagestyle{empty}%
1047     \begin{center}%
1048       \thesis@blocks@titlePage@header%
1049       \thesis@blocks@facultyLogo@color\\[0.4in]%
1050       \let\footnotesize\small%
1051       \let\footnoterule\relax{}%
1052       \thesis@blocks@titlePage@content%
1053       \par\vfill%
1054       \thesis@blocks@titlePage@footer%
1055     \end{center}%
1056   \end{alwayssingle}}
```

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.

```
1057 \newif\ifthesis@blocks@titlePage@university@
1058 \thesis@blocks@titlePage@university@true
1059 \newif\ifthesis@blocks@titlePage@faculty@
```

	<pre> 1060 \thesis@blocks@titlePage@faculty@true 1061 \newif\ifthesis@blocks@titlePage@department@ 1062 \thesis@blocks@titlePage@department@false 1063 \newif\ifthesis@blocks@titlePage@field@ 1064 \thesis@blocks@titlePage@field@false 1065 1066 \def\thesis@blocks@titlePage@header{% 1067 {\sc\ifthesis@blocks@titlePage@university@% 1068 \thesis@titlePage@LARGE\thesis@@{universityName}\\\% 1069 \fi\ifthesis@blocks@titlePage@faculty@% 1070 \thesis@titlePage@Large\thesis@@{facultyName}\\\% 1071 \fi\ifthesis@blocks@titlePage@department@% 1072 \thesis@titlePage@large\thesis@department\\\% 1073 \fi} 1074 \ifthesis@blocks@titlePage@field@% 1075 {\thesis@titlePage@large\vskip 1em% 1076 {\bf\thesis@@{fieldTitle}:} \thesis@field}% 1077 \fi\vskip 2em} 1078 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content 1079 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer </pre>
\thesis@blocks@tables	The \thesis@blocks@tables macro typesets the table of contents and optionally the \listoftables and the \listoffigures.
	<pre> 1080 \def\thesis@blocks@tables{% 1081 \thesis@blocks@clear% 1082 \tableofcontents% 1083 \thesis@blocks@lot% 1084 \thesis@blocks@lof} </pre>
\thesis@blocks@declaration	The \thesis@blocks@declaration macro typesets the declaration text.
	<pre> 1085 \def\thesis@blocks@declaration{% 1086 \thesis@blocks@clear% 1087 \begin{alwayssingle}% 1088 \chapter*\{\thesis@@{declarationTitle}\}% 1089 \thesis@declaration% 1090 \vskip 2cm% 1091 \hfill\thesis@author% 1092 \end{alwayssingle}} </pre>
\thesis@blocks@thanks	The \thesis@blocks@thanks macro typesets the acknowledgement, if the \thesis@thanks macro is defined. Otherwise, the macro produces no output.
	<pre> 1093 \def\thesis@blocks@thanks{% 1094 \ifx\thesis@thanks\undefined\else% 1095 \thesis@blocks@clear% 1096 \begin{alwayssingle}% 1097 \chapter*\{\vspace*\{\fill\}\thesis@@{thanksTitle}\}% 1098 \thesis@thanks% 1099 \end{alwayssingle}% 1100 \fi} </pre>

\thesis@blocks@abstract	The \thesis@blocks@abstract macro typesets the abstract.
	<pre> 1101 \def\thesis@blocks@abstract{% 1102 \begin{alwayssingle}% 1103 % Start the new chapter without clearing the right page 1104 {\def\cleardoublepage{}% 1105 \chapter*\{\thesis@{\abstractTitle}\}}% 1106 \noindent\thesis@abstract% 1107 \par\vfil\null% 1108 \end{alwayssingle}} </pre>
\thesis@blocks@abstractEn	The \thesis@blocks@abstractEn macro typesets the abstract in English. If the current locale is English, the macro produces no output.
	<pre> 1109 \def\thesis@blocks@abstractEn{% 1110 \ifthesis@english\else% 1111 {\thesis@selectLocale{english}% 1112 \begin{alwayssingle}% 1113 % Start the new chapter without clearing the right page 1114 {\def\cleardoublepage{}% 1115 \chapter*\{\thesis@english@abstractTitle\}}% 1116 \thesis@abstractEn}% 1117 \par\vfil\null% 1118 \end{alwayssingle}}% 1119 \fi} </pre>
\thesis@blocks@keywords	The \thesis@blocks@keywords macro typesets the keywords.
	<pre> 1120 \def\thesis@blocks@keywords{% 1121 \begin{alwayssingle}% 1122 % Start the new chapter without clearing the right page 1123 {\def\cleardoublepage{}% 1124 \chapter*\{\thesis@{\keywordsTitle}\}}% 1125 \noindent\thesis@TeXkeywords% 1126 \par\vfil\null% 1127 \end{alwayssingle}} </pre>
\thesis@blocks@keywordsEn	The \thesis@blocks@keywordsEn macro typesets the keywords in English. If the current locale is English, the macro produces no output.
	<pre> 1128 \def\thesis@blocks@keywordsEn{% 1129 \ifthesis@english\else% 1130 {\thesis@selectLocale{english}% 1131 \begin{alwayssingle}% 1132 % Start the new chapter without clearing the right page 1133 {\def\cleardoublepage{}% 1134 \chapter*\{\thesis@english@keywordsTitle\}}% 1135 \thesis@TeXkeywordsEn}% 1136 \par\vfil\null% 1137 \end{alwayssingle}}% 1138 \fi} </pre>
\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.

```

1139 \newif\ifthesis@blocks@assignment@
1140 \thesis@blocks@assignment@true
1141 \def\thesis@blocks@assignment{%
1142   \ifthesis@blocks@assignment@%
1143     \ifx\thesis@assignmentFiles\undefined%
1144       % Typeset a placeholder page.
1145       \thesis@blocks@clear%
1146       \begin{alwayssingle}%
1147         \thispagestyle{empty}%
1148         \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1149         \noindent\textit{\thesis@{@{assignment}}}%
1150       \end{alwayssingle}%
1151   \else%
1152     \edef\@pdfList{\thesis@assignmentFiles}%
1153     \ifx\@pdfList\empty\else
1154       \let\ea\expandafter
1155       % Inject the specified PDF documents.
1156       \def\@inject##1,{\thesis@blocks@clear
1157         \def\@args{##1}\def\@relax{\relax}%
1158         \ifx\@args\@relax\else%
1159           % Trim leading spaces.
1160           \edef\@trimmed{\romannumeral-`\#\#1}%
1161           \includepdf[pages=-]\@trimmed
1162           \ea\@inject\fi}%
1163         \ea\@inject\@pdfList,\relax,%
1164         \fi}%
1165     \fi%
1166   \fi}

```

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

```

1167 \def\thesis@blocks@mainMatter{%
1168   \thesis@blocks@clear
1169   \setcounter{page}{1}
1170   \pagenumbering{arabic}

```

```
1171 \pagestyle{thesisheadings}
1172 \parindent 1.5em\relax}
```

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

```
1173 % Table of contents will contain sectioning commands up to
1174 % \subsubsection
1175 \setcounter{tocdepth}{3}
1176
1177 % Load the 'fithesis-1*.clo' size option
1178 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1179
1180 \def\ps@thesisheadings{%
1181 \def\chaptermark##1{%
1182 \markright{%
1183 \ifnum\c@secnumdepth >\m@ne
1184 \thechapter.\ %
1185 \fi ##1}}
1186 \let\@oddfoot\@empty
1187 \let\@oddhead\@empty
1188 \def\@oddhead{\vbox{\hbox to \textwidth{%
1189 \hfil{\sc\rightmark}\vskip 4pt\hrule}}}
1190 \if@twoside
1191 \def\@evenhead{\vbox{\hbox to \textwidth{%
1192 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1193 \else
1194 \let\@evenhead\@oddhead
1195 \fi
1196 \def\@oddfoot{\hfil\PageFont\thepage}
1197 \if@twoside
1198 \def\@evenfoot{\PageFont\thepage\hfil}%
1199 \else
1200 \let\@evenfoot\@oddfoot
1201 \fi
1202 \let\@mkboth\markboth
1203 }
1204
1205 % Redefines the style of the chapter headings
1206 \renewcommand*\chapter{%
1207 \if@twoside
1208 \clearpage
1209 \thispagestyle{empty}
1210 \cleardoublepage
1211 \else
1212 \clearpage
1213 \fi}
```

```

1214 \thispagestyle{plain}%
1215 \global\@topnum\z@
1216 \@afterindentfalse
1217 \secdef\@chapter\@schapter}
1218
1219 % Redefines the style of part headings
1220 \renewcommand*\part{%
1221 \clearpage
1222 \thispagestyle{empty}
1223 \cleardoublepage
1224 \thispagestyle{empty}%
1225 \if@twocolumn%
1226 \onecolumn
1227 \attempswatrue
1228 \else
1229 \attempswafalse
1230 \fi
1231 \hbox{} \vfil
1232 \secdef\@part\@spart}
1233
1234 \newif\if@restonecol
1235 \def\alwayssingle{%
1236 \if@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1237 \def\endalwayssingle{\if@restonecol\twocolumn\fi}
1238
1239 \renewcommand*\l@part[2]{%
1240 \ifnum \c@tocdepth >-2\relax
1241 \addpenalty{-\@highpenalty}%
1242 \addvspace{0.5em \@plus\p@}%
1243 \begingroup
1244 \setlength\@tempdima{3em}%
1245 \parindent \z@ \rightskip \pnumwidth
1246 \parfillskip -\pnumwidth
1247 {\leavevmode
1248 \normalfont \bfseries #1\hfil \hb@xt@\pnumwidth{\hss #2}}\par
1249 \nobreak
1250 \global\@nobreaktrue
1251 \everypar{\global\@nobreakfalse\everypar{}}%
1252 \endgroup
1253 \addvspace{0.2em \@plus\p@}%
1254 \fi}
1255
1256 \renewcommand*\l@chapter[2]{%
1257 \ifnum \c@tocdepth >\m@ne
1258 \addpenalty{-\@highpenalty}%
1259 \vskip 1.0em \@plus\p@
1260 \setlength\@tempdima{1.5em}%
1261 \begingroup
1262 \parindent \z@ \rightskip \pnumwidth
1263 \parfillskip -\pnumwidth

```

```

1264     \leavevmode \bfseries
1265     \advance\leftskip\@tempdima
1266     \hskip -\leftskip
1267     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
1268     \penalty\@highpenalty
1269     \endgroup
1270   \fi}
1271
1272 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1273 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1274 \renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
1275 \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.

```

1276 (*opt)
1277 (*10pt)
1278 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2015/06/23]
1279
1280 \renewcommand{\normalsize}{\fontsize@xpt{12}\selectfont%
1281 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1282 \belowdisplayskip \abovedisplayskip
1283 \abovedisplayshortskip \z@ plus3\p@
1284 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1285 \let@\listi@\listI}
1286
1287 \renewcommand{\small}{\fontsize@ixpt{11}\selectfont%
1288 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1289 \belowdisplayskip \abovedisplayskip
1290 \abovedisplayshortskip \z@ plus2\p@
1291 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1292 \def@\listi{\leftmargin\leftmargini
1293 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1294 \itemsep \parsep}}
1295
1296 \renewcommand{\footnotesize}{\fontsize@viiipt{9.5}\selectfont%
1297 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1298 \belowdisplayskip \abovedisplayskip
1299 \abovedisplayshortskip \z@ plus\p@
1300 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1301 \def@\listi{\leftmargin\leftmargini %% Added 22 Dec 87
1302 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1303 \itemsep \parsep}}
1304
1305 \renewcommand{\scriptsize}{\fontsize@viipt{8pt}\selectfont}
1306 \renewcommand{\tiny}{\fontsize@vpt{6pt}\selectfont}
1307 \renewcommand{\large}{\fontsize@xiipt{14pt}\selectfont}
1308 \renewcommand{\Large}{\fontsize@xivpt{18pt}\selectfont}

```

```

1309 \renewcommand{\LARGE}{\fontsize@xvipt{22pt}\selectfont}
1310 \renewcommand{\huge}{\fontsize@xxpt{25pt}\selectfont}
1311 \renewcommand{\Huge}{\fontsize@xxvpt{30pt}\selectfont}
1312
1313 </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.

```

1314 <*11pt>
1315 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2015/06/23]
1316
1317 \renewcommand{\normalsize}{\fontsize@xipt{14}\selectfont%
1318 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1319 \belowdisplayskip \abovedisplayskip
1320 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1321 %\belowdisplayshortskip \z@ plus3\p@
1322 \let\@listi\@listI}
1323
1324 \renewcommand{\small}{\fontsize@xpt{12}\selectfont%
1325 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1326 \belowdisplayskip \abovedisplayskip
1327 \abovedisplayshortskip \z@ plus3\p@
1328 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1329 \def\@listi{\leftmargin\leftmargini
1330 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1331 \itemsep \parsep}}
1332
1333 \renewcommand{\footnotesize}{\fontsize@ixpt{11}\selectfont%
1334 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1335 \belowdisplayskip \abovedisplayskip
1336 \abovedisplayshortskip \z@ plus\p@
1337 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1338 \def\@listi{\leftmargin\leftmargini
1339 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1340 \itemsep \parsep}}
1341
1342 \renewcommand{\scriptsize}{\fontsize@viipt{9.5pt}\selectfont}
1343 \renewcommand{\tiny}{\fontsize@viipt{7pt}\selectfont}
1344 \renewcommand{\large}{\fontsize@xiipt{14pt}\selectfont}
1345 \renewcommand{\Large}{\fontsize@xivpt{18pt}\selectfont}
1346 \renewcommand{\LARGE}{\fontsize@xvipt{22pt}\selectfont}
1347 \renewcommand{\huge}{\fontsize@xxpt{25pt}\selectfont}
1348 \renewcommand{\Huge}{\fontsize@xxvpt{30pt}\selectfont}
1349
1350 </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:

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

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

```

1351 {*12pt}
1352 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2015/06/23]
1353 />12pt)
1354
1355 \def\thesis@titlePage@normalsize{\fontsize{@xipt{14.5}}%
1356 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@%
1357 \belowdisplayskip \abovedisplayskip%
1358 \abovedisplayshortskip \z@ plus3\p@%
1359 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@%
1360 \let\@listi\@listI}
1361
1362 \def\thesis@titlePage@small{\fontsize{@xipt{13.6}}\selectfont%
1363 \abovedisplayskip 11\p@ plus3\p@ minus6\p@%
1364 \belowdisplayskip \abovedisplayskip%
1365 \abovedisplayshortskip \z@ plus3\p@%
1366 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@%
1367 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87%
1368 \parsep 4.5\p@ plus2\p@ minus\p@%
1369 \itemsep \parsep%
1370 \topsep 9\p@ plus3\p@ minus5\p@}}
1371
1372 \def\thesis@titlePage@footnotesize{\fontsize{@xipt{12}}\selectfont%
1373 \abovedisplayskip 10\p@ plus2\p@ minus5\p@%
1374 \belowdisplayskip \abovedisplayskip%

```

```

1375 \abovedisplayshortskip \z@ plus3\p@
1376 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1377 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1378 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1379 \itemsep \parsep}
1380
1381 \def\thesis@titlePage@scriptsize{\fontsize@\viipt{9.5pt}\selectfont}
1382 \def\thesis@titlePage@tiny{\fontsize@\viipt{7pt}\selectfont}
1383 \def\thesis@titlePage@large{\fontsize@\xivpt{18pt}\selectfont}
1384 \def\thesis@titlePage@Large{\fontsize@\xvipt{22pt}\selectfont}
1385 \def\thesis@titlePage@LARGE{\fontsize@\xxpt{25pt}\selectfont}
1386 \def\thesis@titlePage@huge{\fontsize@\xxvpt{30pt}\selectfont}
1387 \def\thesis@titlePage@Huge{\fontsize@\xxvpt{30pt}\selectfont}
1388
1389 <*12pt>
1390 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1391 \renewcommand{\small}{\thesis@titlePage@small}
1392 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1393 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1394 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1395 \renewcommand{\large}{\thesis@titlePage@large}
1396 \renewcommand{\Large}{\thesis@titlePage@Large}
1397 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1398 \renewcommand{\huge}{\thesis@titlePage@huge}
1399 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1400 </12pt>
1401 \let\normalsize\normalsize
1402 \normalsize
1403
1404 \if@twoside
1405   \oddsidemargin 0.75in
1406   \evensidemargin 0.4in
1407   \marginparwidth 0pt
1408 \else
1409   \oddsidemargin 0.75in
1410   \evensidemargin 0.75in
1411   \marginparwidth 0pt
1412 \fi
1413 \marginparsep 10pt
1414
1415 \topmargin 0.4in
1416
1417 \headheight 20pt
1418 \headsep 10pt
1419 \topskip 10pt
1420 \footskip 30pt
1421
1422 <*10pt>
1423 \textheight = 43\baselineskip
1424 \advance\textheight by \topskip

```

```

1425 \textwidth 5.0truein
1426 \columnsep 10pt
1427 \columnseprule 0pt
1428
1429 \footnotesep 6.65pt
1430 \skip\footins 9pt plus 4pt minus 2pt
1431 \floatsep 12pt plus 2pt minus 2pt
1432 \textfloatsep 20pt plus 2pt minus 4pt
1433 \intextsep 12pt plus 2pt minus 2pt
1434 \dblfloatsep 12pt plus 2pt minus 2pt
1435 \dbltextfloatsep 20pt plus 2pt minus 4pt
1436
1437 \@fstop 0pt plus 1fil
1438 \@fpsep 8pt plus 2fil
1439 \@fpbot 0pt plus 1fil
1440 \@dblfpstop 0pt plus 1fil
1441 \@dblfpsep 8pt plus 2fil
1442 \@dblfpbot 0pt plus 1fil
1443 \marginparpush 5pt
1444
1445 \parskip 0pt plus 1pt
1446 \partopsep 2pt plus 1pt minus 1pt
1447
1448 </10pt>
1449 %
1450 {*11pt}
1451 \textheight = 39\baselineskip
1452 \advance\textheight by \topskip
1453 \textwidth 5.0truein
1454 \columnsep 10pt
1455 \columnseprule 0pt
1456
1457 \footnotesep 7.7pt
1458 \skip\footins 10pt plus 4pt minus 2pt
1459 \floatsep 12pt plus 2pt minus 2pt
1460 \textfloatsep 20pt plus 2pt minus 4pt
1461 \intextsep 12pt plus 2pt minus 2pt
1462 \dblfloatsep 12pt plus 2pt minus 2pt
1463 \dbltextfloatsep 20pt plus 2pt minus 4pt
1464
1465 \@fstop 0pt plus 1fil
1466 \@fpsep 8pt plus 2fil
1467 \@fpbot 0pt plus 1fil
1468 \@dblfpstop 0pt plus 1fil
1469 \@dblfpsep 8pt plus 2fil
1470 \@dblfpbot 0pt plus 1fil
1471 \marginparpush 5pt
1472
1473 \parskip 0pt plus 0pt
1474 \partopsep 3pt plus 1pt minus 2pt

```

```

1475
1476 </11pt>
1477 %
1478 {*12pt}
1479 \textheight = 37\baselineskip
1480 \advance\textheight by \topskip
1481 \textwidth 5.0truein
1482 \columnsep 10pt
1483 \columnseprule 0pt
1484
1485 \footnotesep 8.4pt
1486 \skip\footins 10.8pt plus 4pt minus 2pt
1487 \floatsep 14pt plus 2pt minus 4pt
1488 \textfloatsep 20pt plus 2pt minus 4pt
1489 \intextsep 14pt plus 4pt minus 4pt
1490 \dblfloatsep 14pt plus 2pt minus 4pt
1491 \dbltextfloatsep 20pt plus 2pt minus 4pt
1492
1493 \@fptop 0pt plus 1fil
1494 \@fpsep 10pt plus 2fil
1495 \@fpbot 0pt plus 1fil
1496 \@dblftop 0pt plus 1fil
1497 \@dblfpsep 10pt plus 2fil
1498 \@dblfpbot 0pt plus 1fil
1499 \marginparpush 7pt
1500
1501 \parskip 0pt plus 0pt
1502 \partopsep 3pt plus 2pt minus 2pt
1503
1504 </12pt>
1505 \@lowpenalty 51
1506 \@medpenalty 151
1507 \@highpenalty 301
1508 \@beginparpenalty -\@lowpenalty
1509 \@endparpenalty -\@lowpenalty
1510 \@itempenalty -\@lowpenalty
1511
1512 \def\@makechapterhead#1{%
1513   {%
1514     \setlength\parindent{\z@}%
1515     \setlength\parskip {\z@}%
1516     \ifnum
1517       \c@secnumdepth >\m@ne
1518       \par\nobreak
1519       \vskip 10\p@
1520     \fi
1521     \Large \ChapFont \thechapter{} \space #1\par
1522     \nobreak
1523     \vskip 20\p@
1524   }%

```

```

1525 }
1526
1527 \def\@makeschapterhead#1{%
1528   {%
1529     \setlength\parindent{\z@}%
1530     \setlength\parskip {\z@}%
1531     \Large \ChapFont #1\par
1532     \nobreak
1533     \vskip 20\p@
1534   }%
1535 }
1536
1537 \def\chapter{%
1538   \clearpage
1539   \thispagestyle{plain}
1540   \global\@topnum\z@
1541   \@afterindentfalse
1542   \secdef\@chapter\@schapter
1543 }
1544
1545 \def\@chapter[#1]#2{%
1546   \ifnum \c@secnumdepth
1547     >\m@ne
1548     \refstepcounter{chapter}%
1549     \typeout{@chapapp\space\thechapter.}%
1550     \addcontentsline{toc}{chapter}{\protect
1551       \numberline{\thechapter}\bfseries #1}
1552   \else%
1553     \addcontentsline{toc}{chapter}{\bfseries #1}
1554   \fi
1555   \chaptermark{#1}%
1556   \addtocontents{lof}{%
1557     {\protect\addvspace{4\p@}}%
1558   \addtocontents{lot}{%
1559     {\protect\addvspace{4\p@}}%
1560   \if@twocolumn
1561     \atopnewpage[\@makechapterhead{#2}]%
1562   \else
1563     \@makechapterhead{#2}%
1564     \@afterheading
1565   \fi
1566 }
1567
1568 %\def\@schapter#1{\if@twocolumn \atopnewpage[\@makeschapterhead{#1}]%
1569 %   \else \@makeschapterhead{#1}%
1570 %   \markright{#1}%
1571 %   \@afterheading\fi}
1572
1573 \def\section{\startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
1574   -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}

```

```

1575 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
1576     minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1577 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
1578     -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1579 \def\paragraph{\@startsection
1580     {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
1581     \normalsize\bfseries}}
1582 \def\subparagraph{\@startsection
1583     {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
1584     .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1585
1586 \setcounter{secnumdepth}{2}
1587
1588 \def\appendix{\par
1589   \setcounter{chapter}{0}%
1590   \setcounter{section}{0}%
1591   \def\@chapapp{\appendixname}%
1592   \def\thechapter{\Alph{chapter}}}
1593
1594 \leftmargini 2.5em
1595 \leftmarginii 2.2em    % > \labelsep + width of '(m)'
1596 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
1597 \leftmarginiv 1.7em   % > \labelsep + width of 'M.'
1598 \leftmarginv 1em
1599 \leftmarginvi 1em
1600
1601 \leftmargin\leftmargini
1602 \labelsep .5em
1603 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1604
1605 {*10pt}
1606 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1607 \topsep 8\p@ plus2\p@ minus4\p@
1608 \itemsep 4\p@ plus2\p@ minus\p@}
1609
1610 \let\@listi\@listI
1611 \@listi
1612
1613 \def\@listII{\leftmargin\leftmarginii
1614   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1615   \topsep 4\p@ plus2\p@ minus\p@
1616   \parsep 2\p@ plus\p@ minus\p@
1617   \itemsep \parsep}
1618
1619 \def\@listIII{\leftmargin\leftmarginiii
1620   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1621   \topsep 2\p@ plus\p@ minus\p@
1622   \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1623   \itemsep \topsep}
1624

```

```

1625 \def\@listiv{\leftmargin\leftmarginiv
1626     \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1627
1628 \def\@listv{\leftmargin\leftmarginv
1629     \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1630
1631 \def\@listvi{\leftmargin\leftmarginvi
1632     \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1633 </10pt>
1634 %
1635 <*11pt>
1636 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1637 \topsep 9\p@ plus3\p@ minus5\p@
1638 \itemsep 4.5\p@ plus2\p@ minus\p@}
1639
1640 \let\@listi\@listI
1641 \@listi
1642
1643 \def\@listii{\leftmargin\leftmarginii
1644     \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1645     \topsep 4.5\p@ plus2\p@ minus\p@
1646     \parsep 2\p@ plus\p@ minus\p@
1647     \itemsep \parsep}
1648
1649 \def\@listiii{\leftmargin\leftmarginiii
1650     \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1651     \topsep 2\p@ plus\p@ minus\p@
1652     \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1653     \itemsep \topsep}
1654
1655 \def\@listiv{\leftmargin\leftmarginiv
1656     \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1657
1658 \def\@listv{\leftmargin\leftmarginv
1659     \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1660
1661 \def\@listvi{\leftmargin\leftmarginvi
1662     \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1663 </11pt>
1664 %
1665 <*12pt>
1666 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
1667 \topsep 10\p@ plus4\p@ minus6\p@
1668 \itemsep 5\p@ plus2.5\p@ minus\p@}
1669
1670 \let\@listi\@listI
1671 \@listi
1672
1673 \def\@listii{\leftmargin\leftmarginii
1674     \labelwidth\leftmarginii\advance\labelwidth-\labelsep

```

```

1675 \topsep 5\p@ plus2.5\p@ minus\p@
1676 \parsep 2.5\p@ plus\p@ minus\p@
1677 \itemsep \parsep}
1678
1679 \def\@listiii{\leftmargin\leftmarginiii
1680 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1681 \topsep 2.5\p@ plus\p@ minus\p@
1682 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1683 \itemsep \topsep}
1684
1685 \def\@listiv{\leftmargin\leftmarginiv
1686 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1687
1688 \def\@listv{\leftmargin\leftmarginv
1689 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1690
1691 \def\@listvi{\leftmargin\leftmarginvi
1692 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1693 </12pt>
1694 </opt>

```

3.6.3 The style files of the Faculty of Informatics

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

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

```

1695 \NeedsTeXFormat{LaTeX2e}
1696 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2015/11/29]

```

The file defines the color scheme of the respective faculty.

```

1697 \thesis@color@setup{
1698   links={HTML}{FFD451},
1699   tableEmph={HTML}{FFD451},
1700   tableOdd={HTML}{FFF9E5},
1701   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.

```

1702 \ifx\thesis@type\thesis@bachelors\else
1703 \ifx\thesis@type\thesis@masters\else
1704   \thesis@blocks@assignment@false
1705 \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 – The label of the advisor signature field typeset

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

in the case of rigorous theses

```
1706 \def\thesis@blocks@titlePage@content{%
1707   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1708   {\thesis@titlePage@large\sc\thesis@@{typeName}\|[0.3in]}
1709   {\thesis@titlePage@Large\bf\thesis@author}
1710   % If this is a rigorous thesis, typeset the name of the
1711   % thesis advisor.
1712   \ifx\thesis@type\thesis@rigorous%
1713     {\thesis@titlePage@large\|[0.3in]
1714      {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
1715   \fi}%
1716 \def\thesis@blocks@titlePage@footer{%
1717   {\thesis@titlePage@large\thesis@place, \thesis@@{semester}}
1718   % If this is a rigorous thesis, create space for the advisor's
1719   % signature
1720   \ifx\thesis@type\thesis@rigorous%
1721     \let@\A\relax\newlength{\A}
1722     \settowidth{\A}{\thesis@@{advisorSignature}}
1723     \setlength{\A}{\A+1cm}
1724     \hfill\raisebox{-0.5em}{\parbox{\A}{%
1725       \centering
1726       \rule{\A}{1pt}\\
1727       \thesis@@{advisorSignature}
1728     }}%
1729   \fi}%
1730 }
```

\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.

```
1730 \def\thesis@blocks@declaration{%
1731   \thesis@blocks@clear%
1732   \begin{alwayssingle}%
1733     \chapter*\{\thesis@@{declarationTitle}\}%
1734     \thesis@declaration%
1735     \vskip 2cm%
1736     \hfill\thesis@author%
1737     \par\vfill\noindent%
1738     \textbf{\thesis@@{advisorTitle}:} \thesis@advisor%
1739     \par\vfil%
1740   \end{alwayssingle}}}
```

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

```
1741 \def\thesis@blocks@preamble{%
1742   \thesis@blocks@cover
1743   \thesis@blocks@titlePage
1744   \thesis@blocks@frontMatter
1745   \thesis@blocks@assignment
1746   \thesis@blocks@declaration
```

```

1747 \thesis@blocks@thanks
1748 \thesis@blocks@clearRight
1749 \thesis@blocks@abstract
1750 \thesis@blocks@keywords
1751 \thesis@blocks@tables}

```

3.6.4 The style files of the Faculty of Science

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

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

```

1752 \NeedsTeXFormat{LaTeX2e}
1753 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2015/11/29]

```

The file defines the color scheme of the respective faculty.

```

1754 \thesis@color@setup{
1755   links={HTML}{20E366},
1756   tableEmph={HTML}{8EDEAA},
1757   tableOdd={HTML}{EDF7F1},
1758   tableEven={HTML}{CCEDD8}}

```

The file uses Czech locale strings within the macros.

```
1759 \thesis@requireLocale{czech}
```

The file loads the following packages:

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

```

1760 \thesis@require{tikz}
1761 \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.

```

1762 \ifx\thesis@type\thesis@bachelors\else
1763 \ifx\thesis@type\thesis@masters\else
1764   \thesis@blocks@assignment@false
1765 \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:

`\thesis@czech@bib@title` • `\thesis@czech@bib@title` – The title of the entire block

`\thesis@czech@bib@author` • `\thesis@czech@bib@author` – The label of the author name entry

`\thesis@czech@bib@title` • `\thesis@czech@bib@title` – The label of the title name entry

```

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

1766 \def\thesis@blocks@bibEntry{%
1767   \begin{alwayssingle}%
1768     \% Start the new chapter without clearing the right page
1769     {\def\cleardoublepage{}%
1770      \chapter*\{\thesis@czech@bib@title\}%
1771      \% Calculate the width of the columns
1772      \let@\A\relax\newlength{\@A}\settowidth{\@A}{%
1773        \bf\thesis@czech@bib@author:}%
1774      \let@\B\relax\newlength{\@B}\settowidth{\@B}{%
1775        \bf\thesis@czech@bib@thesisTitle:}%
1776      \let@\C\relax\newlength{\@C}\settowidth{\@C}{%
1777        \bf\thesis@czech@bib@programme:}%
1778      \let@\D\relax\newlength{\@D}\settowidth{\@D}{%
1779        \bf\thesis@czech@bib@field:}%
1780      \% Unless this is a rigorous thesis, we will be typesetting the
1781      \% name of the thesis advisor.
1782      \let@\E\relax\newlength{\@E}%
1783        \ifx\thesis@type\thesis@rigorous%
1784          \setlength{\@E}{0pt}%
1785        \else%
1786          \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}%
1787        \fi%
1788      \let@\F\relax\newlength{\@F}\settowidth{\@F}{%
1789        \bf\thesis@czech@bib@academicYear:}%
1790      \let@\G\relax\newlength{\@G}\settowidth{\@G}{%
1791        \bf\thesis@czech@bib@pages:}%
1792      \let@\H\relax\newlength{\@H}\settowidth{\@H}{%
1793        \bf\thesis@czech@bib@keywords:}%
1794      \let@\skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}%
1795      \let@\left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1796        max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}%
1797      \let@\right\relax\newlength{\@right}\setlength{\@right}{%
1798        \textwidth-\@left-\@skip}%
1799      \% Typeset the table
1800      \renewcommand{\arraystretch}{2}%
1801      \noindent\begin{thesis@newtable@old}%
1802        {@{}p{@left}@{\hspace{\@skip}}p{@right}@{}}

```

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

```

1803 \textbf{\thesis@czech@bib@author:} &
1804 \noindent\parbox[t]{\right}{%
1805   \thesis@author\ \
1806   \thesis@czech@facultyName,
1807   \thesis@czech@universityName\ \
1808   \thesis@department
1809   }\\
1810 \textbf{\thesis@czech@bib@thesisTitle:} \\
1811   & \thesis@title \\
1812 \textbf{\thesis@czech@bib@programme:} \\
1813   & \thesis@programme \\
1814 \textbf{\thesis@czech@bib@field:} \\
1815   & \thesis@field \\
1816 % Unless this is a rigorous thesis, typeset the name of the
1817 % thesis advisor.
1818 \ifx\thesis@type\thesis@rigorous\else%
1819   \textbf{\thesis@czech@bib@advisor:} \\
1820   & \thesis@advisor \\
1821 \fi
1822 \textbf{\thesis@czech@bib@academicYear:} \\
1823   & \thesis@academicYear \\
1824 \textbf{\thesis@czech@bib@pages:} \\
1825   & \thesis@pages \\
1826 \textbf{\thesis@czech@bib@keywords:} \\
1827   & \thesis@TeXkeywords \\
1828 \end{thesis@newtable@old}}
1829 \end{alwaysingle}}

```

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

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

```

1830 \def\thesis@blocks@bibEntryEn{%
1831   {\thesis@selectLocale{english}}
1832   \begin{alwayssingle}
1833     % Start the new chapter without clearing the right page
1834     {\def\cleardoublepage{}}
1835     \chapter*{\thesis@english@bib@title}%
1836     % Calculate the width of the columns
1837     \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1838       \bf\thesis@english@bib@author:}
1839     \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1840       \bf\thesis@english@bib@thesisTitle:}
1841     \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1842       \bf\thesis@english@bib@programme:}
1843     \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1844       \bf\thesis@english@bib@field:}
1845     % Unless this is a rigorous thesis, we will be typesetting
1846     % the name of the thesis advisor.
1847     \let\@E\relax\newlength{\@E}
1848       \ifx\thesis@type\thesis@rigorous%
1849         \setlength{\@E}{0pt}%
1850       \else%
1851         \settowidth{\@E}{\bf\thesis@english@bib@advisor:}%
1852       \fi%
1853     \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1854       \bf\thesis@english@bib@academicYear:}
1855     \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1856       \bf\thesis@english@bib@pages:}
1857     \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1858       \bf\thesis@english@bib@keywords:}
1859     \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1860     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1861       max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1862     \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1863       \textwidth-\@left-\@skip}
1864     % Typeset the table
1865     \renewcommand{\arraystretch}{2}
1866     \noindent\begin{thesis@newtable@old}%
1867       {@}{\p{@left}{\hskip\@skip}\p{@right}{}}%
1868       \textbf{\thesis@english@bib@author:} &
1869       \noindent\parbox[t]{\@right}{%
1870         \thesis@author\\
1871         \thesis@english@facultyName,
1872         \thesis@english@universityName\\
1873         \thesis@departmentEn
1874       }\\
1875       \textbf{\thesis@english@bib@thesisTitle:} \\
1876       & \thesis@titleEn \\
1877       \textbf{\thesis@english@bib@programme:} \\
1878       & \thesis@programmeEn \\
1879       \textbf{\thesis@english@bib@field:}

```

```

1880     & \thesis@fieldEn \\
1881     % Unless this is a rigorous thesis, typeset the name of the
1882     % thesis advisor.
1883     \ifx\thesis@type\thesis@rigorous\else%
1884         \textbf{\thesis@english@bib@advisor:}
1885         & \thesis@advisor \\
1886     \fi
1887     \textbf{\thesis@english@bib@academicYear:}
1888     & \thesis@academicYear \\
1889     \textbf{\thesis@english@bib@pages:}
1890     & \thesis@pages \\
1891     \textbf{\thesis@english@bib@keywords:}
1892     & \thesis@TeXkeywordsEn \\
1893     \end{thesis@newtable@old}
1894     \end{alwayssingle}
1895 }

```

\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.

```

1896 \def\thesis@blocks@frontMatter{%
1897   \pagestyle{empty}
1898   \parindent 1.5em
1899   \setcounter{page}{1}
1900   \pagenumbering{roman}}

```

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

```

1901 \def\thesis@blocks@cover{%
1902   \ifthesis@cover@
1903     \thesis@blocks@clear
1904     \begin{alwayssingle}
1905       \thispagestyle{empty}
1906       \begin{center}
1907         \sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1908         \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1909         \thesis@titlePage@large\thesis@department}
1910       \vfill
1911       {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1912       \vfill
1913       {\thesis@titlePage@large\thesis@place
1914         \ \thesis@year\hfill\thesis@author}
1915       \end{center}
1916     \end{alwayssingle}
1917   \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.

```

1918 \def\thesis@blocks@titlePage{%

```

```

1919 \thesis@blocks@clear
1920 \begin{alwayssingle}
1921   \thispagestyle{empty}
1922   % The top of the page
1923   \begin{adjustwidth}{-12mm}{}%
1924     \begin{minipage}{30mm}
1925       \thesis@blocks@universityLogo@color[width=30mm]
1926     \end{minipage}\begin{minipage}{89mm}
1927       \begin{center}
1928         {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\%
1929           \thesis@titlePage@Large\thesis@czech@facultyName\|[0.3em]%
1930           \thesis@titlePage@normalsize\thesis@department}
1931         \rule{\textwidth}{2pt}\vspace*{2mm}
1932       \end{center}
1933     \end{minipage}\begin{minipage}{30mm}
1934       \thesis@blocks@facultyLogo@color[width=30mm]
1935     \end{minipage}
1936   \end{adjustwidth}
1937   % The middle of the page
1938   \vfill
1939   \parbox{\textwidth}{% Prevent vfills from squashing the leading
1940     \bf\thesis@titlePage@Huge\thesis@TeXtitle}
1941   {\thesis@titlePage@Huge\|[0.8em]}
1942   {\thesis@titlePage@large\thesis@czech@typeName\|[1em]}
1943   {\bf\thesis@titlePage@LARGE\thesis@author\|}
1944   \vfill\noindent
1945   % The bottom of the page
1946   {\bf\thesis@titlePage@normalsize%
1947     % Unless this is a rigorous thesis, typeset the name of the
1948     % thesis advisor.
1949     \ifx\thesis@type\thesis@rigorous\else%
1950       \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1951     \fi%
1952     \thesis@place\ \thesis@year}
1953 \end{alwayssingle}}

```

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.

```

1954 \def\thesis@blocks@preamble{{%
1955   \thesis@selectLocale{czech}
1956   \thesis@blocks@cover
1957   \thesis@blocks@frontMatter
1958     \thesis@blocks@titlePage
1959     \thesis@blocks@clearRight
1960     \thesis@blocks@bibEntry
1961     \thesis@blocks@bibEntryEn
1962     \thesis@blocks@abstract
1963     \thesis@blocks@abstractEn

```

```
1964 \thesis@blocks@assignment
1965 \thesis@blocks@thanks
1966 \thesis@blocks@declaration
1967 \thesis@blocks@tables}}
```

3.6.5 The style files of the Faculty of Arts

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

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

```
1968 \NeedsTeXFormat{LaTeX2e}
1969 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
1970 \thesis@color@setup{
1971   links={HTML}{6FCEF2},
1972   tableEmph={HTML}{78CEF0},
1973   tableOdd={HTML}{EBF6FA},
1974   tableEven={HTML}{D0EBF5}}
```

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

```
1975 \thesis@blocks@titlePage@department@true
1976 \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.

```
1977 \def\thesis@blocks@preamble{%
1978   \thesis@blocks@cover
1979   \thesis@blocks@titlePage
1980   \thesis@blocks@frontMatter
1981   \thesis@blocks@declaration
1982   \thesis@blocks@thanks
1983   \thesis@blocks@tables}
```

3.6.6 The style files of the Faculty of Education

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

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

```
1984 \NeedsTeXFormat{LaTeX2e}
1985 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/11/29]
```

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

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

The file defines the color scheme of the respective faculty.

```
1986 \thesis@color@setup{  
1987   links={HTML}{FFA02F},  
1988   tableEmph={HTML}{FFBB6B},  
1989   tableOdd={HTML}{FFF1E0},  
1990   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.

```
1991 \thesis@blocks@titlePage@department@true  
1992 \def\thesis@blocks@titlePage@content{  
1993   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in  
1994   {\thesis@titlePage@large\sc\thesis@{@{typeName}\|[0.3in]}  
1995   {\thesis@titlePage@Large\bf\thesis@author}  
1996   % Typeset the name of the thesis advisor.  
1997   {\thesis@titlePage@large\|[0.3in]  
1998     {\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

```
1999 \def\thesis@blocks@bibEntry{  
2000   \chapter*{\thesis@{@{bib@title}}}  
2001   \noindent\thesis@upper{author@tail}, \thesis@author@head.  
2002   \emph{\thesis@title}. \thesis@place: \thesis@{@{universityName}},  
2003   \thesis@{@{facultyName}}, \thesis@{@{department}}, \thesis@year.  
2004   \thesis@{@{pages}} \thesis@{@{bib@pages}}.  
2005   \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.

```
2006 \def\thesis@blocks@preamble{  
2007   \thesis@blocks@cover  
2008   \thesis@blocks@titlePage  
2009   \thesis@blocks@frontMatter  
2010   \thesis@blocks@bibEntry  
2011   \thesis@blocks@clearRight  
2012     \thesis@blocks@abstract  
2013     \thesis@blocks@abstractEn  
2014     \thesis@blocks@keywords  
2015     \thesis@blocks@keywordsEn  
2016     \thesis@blocks@declaration  
2017     \thesis@blocks@thanks  
2018     \thesis@blocks@tables}
```

3.6.7 The style files of the Faculty of Social Studies

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

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. Because of the inexistence of faculty-wide formal requirements and recommendations with each department defining their own with varying degrees of rigour⁵, this style is a mere skeleton, which is unlikely to satisfy the exact requirements of any department and will require modification by the user.

```
2019 \NeedsTeXFormat{LaTeXe}
2020 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
2021 \thesis@color@setup{
2022   links={HTML}{58EDD7},
2023   tableEmph={HTML}{69D6C6},
2024   tableOdd={HTML}{E3F1EE},
2025   tableEven={HTML}{C5E3DF}}
```

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

```
2026 \def\thesis@blocks@frontMatter{%
2027   \pagestyle{plain}
2028   \parindent 1.5em
2029   \setcounter{page}{1}
2030   \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.

```
2031 \def\thesis@blocks@preamble{%
2032   \thesis@blocks@cover
2033   \thesis@blocks@titlePage
2034   \thesis@blocks@frontMatter
2035   \thesis@blocks@clearRight
2036     \thesis@blocks@abstract
2037     \thesis@blocks@abstractEn
2038     \thesis@blocks@keywords
2039     \thesis@blocks@keywordsEn
2040     \thesis@blocks@assignment
2041     \thesis@blocks@declaration
2042     \thesis@blocks@thanks
2043     \thesis@blocks@tables}
```

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

3.6.8 The style files of the Faculty of Law

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

This is the style file for the theses written at the Faculty of Law at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty⁶.

```
2044 \NeedsTeXFormat{LaTeX2e}
2045 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
2046 \thesis@color@setup{
2047   links={HTML}{CF86EB},
2048   tableEmph={HTML}{D39BE8},
2049   tableOdd={HTML}{F2EBF5},
2050   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.

```
2051 \def\thesis@blocks@cover@header{%
2052   {\sc\thesis@titlePage@Large\thesis@{@{\facultyLongName}\\"%
2053     \thesis@titlePage@large\thesis@department\\vskip 2em}}}
2054 \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.

```
2055 \def\thesis@blocks@frontMatter{%
2056   \thesis@blocks@clear
2057   \pagestyle{plain}
2058   \parindent 1.5em
2059   \setcounter{page}{1}
2060   \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.

```
2061 \def\thesis@blocks@mainMatter{%
2062   \thesis@blocks@clear
2063   \pagestyle{thesisheadings}
2064   \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.

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

```

2065 \def\thesis@blocks@preamble{%
2066   \thesis@blocks@cover
2067   \thesis@blocks@titlePage
2068   \thesis@blocks@frontMatter
2069   \thesis@blocks@declaration
2070   \thesis@blocks@clearRight
2071     \thesis@blocks@abstract
2072     \thesis@blocks@abstractEn
2073     \thesis@blocks@keywords
2074     \thesis@blocks@keywordsEn
2075   \thesis@blocks@thanks
2076   \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.

```

2077 \def\thesis@blocks@postamble{%
2078   \thesis@blocks@assignment}

```

3.6.9 The style files of the Faculty of Economics and Administration

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

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

```

2079 \NeedsTeXFormat{LaTeX2e}
2080 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2015/11/29]

```

The file defines the color scheme of the respective faculty.

```

2081 \thesis@color@setup{
2082   links={HTML}{F27995},
2083   tableEmph={HTML}{E8B88B},
2084   tableOdd={HTML}{F5ECEB},
2085   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.

```

2086 \thesis@require{tikz}
2087 \thesis@require{geometry}
2088 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

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

```
2089 \def\thesis@blocks@cover{%
2090   \ifthesis@cover@
2091     \thesis@blocks@clear
2092     \begin{alwayssingle}
2093       \thispagestyle{empty}
2094       \begin{center}
2095         \sc\thesis@titlePage@LARGE\thesis@@{universityName} \\
2096         \thesis@titlePage@Large\thesis@@{facultyName} \\
2097         \vfill
2098         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2099         \vfill
2100         {\thesis@titlePage@large\thesis@place
2101           \thesis@year\hfill\thesis@author}
2102         \end{center}
2103       \end{alwayssingle}
2104     \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.

```
2105 \thesis@blocks@titlePage@field@true
2106 \def\thesis@blocks@titlePage@content{%
2107   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2108   \ifthesis@english\else
2109     {\|[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2110   \fi {\|[0.3in]\thesis@titlePage@large\sc\thesis@@{typeName}}}
2111 \def\thesis@blocks@titlePage@footer{%
2112   {\thesis@titlePage@large
2113     % Calculate the width of the thesis author and advisor boxes
2114     \let{@A}\relax\newlength{@A}\settowidth{@A}{%
2115       \bf\thesis@@{advisorTitle}:}
2116     \let{@B}\relax\newlength{@B}\settowidth{@B}{\thesis@advisor}
2117     \let{@C}\relax\newlength{@C}\settowidth{@C}{%
2118       \bf\thesis@@{authorTitle}:}
2119     \let{@D}\relax\newlength{@D}\settowidth{@D}{\thesis@author}
2120     \let{@left}\relax\newlength{@left}\pgfmathsetlength{@left}{%
2121       max(@A, @B)}
2122     \let{@right}\relax\newlength{@right}\pgfmathsetlength{@right}{%
2123       max(@C, @D)}
2124     % Typeset the thesis author and advisor boxes
2125     \vskip 2in\begin{minipage}[t]{@left}
2126       {\bf\thesis@@{advisorTitle}:}\\\thesis@advisor
2127     \end{minipage}\hfill\begin{minipage}[t]{@right}
2128       {\bf\thesis@@{authorTitle}:}\\\thesis@author
2129     \end{minipage}}\|[4em]\thesis@place, \thesis@year}}
```

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

the thesis. The page numbering is arabic as per the formal requirements and it is hidden. In case of double-sided typesetting, the geometry is altered according to the requirements of the faculty.

```

2130 \def\thesis@blocks@frontMatter{%
2131   \thesis@blocks@clear
2132   % In case of double-sided typesetting, change the geometry
2133   \ifthesis@twoside@
2134     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2135                 right=15mm, includeheadfoot}
2136   \fi\pagestyle{empty}
2137   \parindent 1.5em
2138   \setcounter{page}{1}
2139   \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.

```

2140 \def\thesis@blocks@mainMatter{%
2141   \thesis@blocks@clear
2142   \pagestyle{thesisheadings}
2143   \parindent 1.5em\relax}

```

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

```

2144 \def\thesis@blocks@toc{%
2145   \thesis@blocks@clear%
2146   \tableofcontents}

```

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

```

2147 \def\thesis@blocks@tables{%
2148   \thesis@blocks@clear%
2149   \thesis@blocks@lot%
2150   \thesis@blocks@lof}

```

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

```

2151 \ifx\thesis@blocks@lot\empty\else
2152   \def\thesis@blocks@lot{%
2153     \thesis@blocks@clear
2154     \phantomsection
2155     \addcontentsline{toc}{chapter}{\listtablename}%
2156     \listoftables}
2157 \fi
2158
2159 \ifx\thesis@blocks@lof\empty\else
2160   \def\thesis@blocks@lof{%
2161     \thesis@blocks@clear

```

```

2162     \phantomsection
2163     \addcontentsline{toc}{chapter}{\listfigurename}%
2164     \listoffigures}
2165 \fi

```

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

```

2166 \def\thesis@blocks@preamble{%
2167   \thesis@blocks@cover
2168   \thesis@blocks@frontMatter
2169   \thesis@blocks@titlePage
2170   \thesis@blocks@assignment
2171   \thesis@blocks@clearRight
2172     \thesis@blocks@abstract
2173     \thesis@blocks@abstractEn
2174     \thesis@blocks@keywords
2175     \thesis@blocks@keywordsEn
2176   \thesis@blocks@declaration
2177   \thesis@blocks@thanks
2178   \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.

```

2179 \def\thesis@blocks@postamble{%
2180   \thesis@blocks@tables}

```

3.6.10 The style files of the Faculty of Medicine

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

This is the style file for the theses written at the Faculty of Medicine at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the Department of Optometry and Orthoptics⁸.

```

2181 \NeedsTeXFormat{LaTeX2e}
2182 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2015/11/29]

```

The file defines the color scheme of the respective faculty.

```

2183 \thesis@color@setup{
2184   links={HTML}{F58E76},
2185   tableEmph={HTML}{FF9D85},
2186   tableOdd={HTML}{FFF5F6},
2187   tableEven={HTML}{FFDEDF}}

```

The file loads the following packages:

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

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

- `setspace` – Allows for line height modifications.

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

```
2188 \thesis@require{tikz}
2189 \thesis@require{geometry}
2190 \thesis@require{setspace}
2191 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2192 \def\thesis@blocks@cover{%
2193   \ifthesis@cover@
2194     \thesis@blocks@clear
2195     \begin{alwayssingle}
2196       \thispagestyle{empty}
2197       \begin{center}
2198         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\\%
2199         \thesis@titlePage@Large\thesis@@{facultyName}\\%
2200       \vfill
2201       {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2202       \vfill
2203       {\thesis@titlePage@large\thesis@place
2204         \ \thesis@year\hfill\thesis@author}
2205       \end{center}
2206     \end{alwayssingle}
2207   \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.

```
2208 \def\thesis@blocks@titlePage@content{%
2209   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\|[0.3in]}%
2210   {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}%
2211 \def\thesis@blocks@titlePage@footer{%
2212   {\thesis@titlePage@large
2213     % Calculate the width of the thesis author and advisor boxes
2214     \let{@A}\relax\newlength{@A}\settowidth{@A}{%
2215       \bf\thesis@@{advisorTitle}:}%
2216     \let{@B}\relax\newlength{@B}\settowidth{@B}{\thesis@advisor}%
2217     \let{@C}\relax\newlength{@C}\settowidth{@C}{%
2218       \bf\thesis@@{authorTitle}:}%
2219     \let{@D}\relax\newlength{@D}\settowidth{@D}{\thesis@author}%
2220     \let{@E}\relax\newlength{@E}\settowidth{@E}{%
2221       \bf\thesis@@{fieldTitle}:}%
2222     \let{@F}\relax\newlength{@F}\settowidth{@F}{\thesis@field}%
2223     \let{@left}\relax\newlength{@left}\pgfmathsetlength{@left}{%
2224       max(@A,@B)}%
```

```

2225 \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2226   max(\@C,\@D,\@E,\@F)}
2227 % Typeset the thesis author and advisor boxes
2228 \vskip 2in\begin{minipage}[t]{\@left}
2229   {\bf\thesis@advisorTitle}\\\thesis@advisor
2230 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2231   {\bf\thesis@authorTitle}\\\thesis@author
2232   \\\bf\thesis@fieldTitle\\\thesis@field
2233 \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.

```

2234 \def\thesis@blocks@frontMatter{%
2235   \thesis@blocks@clear
2236   % In case of double-sided typesetting, change the geometry
2237   \ifthesis@twoside@
2238     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2239       right=15mm, includeheadfoot}
2240   \fi\pagestyle{empty}
2241   \parindent 1.5em
2242   \setcounter{page}{1}
2243   \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.

```

2244 \def\thesis@blocks@mainMatter{%
2245   \thesis@blocks@clear
2246   \setcounter{page}{1}
2247   \pagenumbering{arabic}
2248   \pagestyle{thesisheadings}
2249   \parindent 1.5em
2250   \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

```

2251 \def\thesis@blocks@bibEntry{%
2252   \chapter*\{\thesis@{bib@title}\}
2253   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2254   \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2255   \thesis@{facultyName}, \thesis@department, \thesis@year.
2256   \thesis@pages\ \thesis@{bib@pages}.
2257   \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.

```
2258 \def\thesis@blocks@preamble{%
2259   \thesis@blocks@cover
2260   \thesis@blocks@frontMatter
2261   \thesis@blocks@titlePage
2262   \onehalfspacing
2263   \thesis@blocks@clearRight
2264   \thesis@blocks@abstract
2265   \thesis@blocks@abstractEn
2266   \thesis@blocks@keywords
2267   \thesis@blocks@keywordsEn
2268   \thesis@blocks@bibEntry
2269   \thesis@blocks@declaration
2270   \thesis@blocks@thanks
2271   \thesis@blocks@tables}
```

3.6.11 The style files of the Faculty of Sports Studies

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

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

```
2272 \NeedsTeXFormat{LaTeX2e}
2273 \ProvidesPackage{fithesis/style/mu/fithesis-fssps}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
2274 \thesis@color@setup{
2275   links={HTML}{93BCF5},
2276   tableEmph={HTML}{A8BDE3},
2277   tableOdd={HTML}{EBEFF5},
2278   tableEven={HTML}{D1DAEB}}
```

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

```
2279 \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.

```
2280 \def\thesis@blocks@preamble{%
2281   \thesis@blocks@cover
2282   \thesis@blocks@titlePage
2283   \thesis@blocks@frontMatter
2284   \thesis@blocks@declaration
2285   \thesis@blocks@thanks
2286   \thesis@blocks@tables}
```

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

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Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

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\typeout	1549
U	
\undefined	2, 153, 359, 1094, 1143
\uppercase	339
V	
\value	973
\vbox	1188, 1191
\vfil	1037, 1107, 1117, 1126, 1136, 1231, 1707, 1739, 1993
\vfill	1010, 1053, 1737, 1910, 1912, 1938, 1944, 2097, 2099, 2200, 2202
W	
\vskip	1033, 1035, 1038, 1075, 1077, 1090, 1189, 1192, 1259, 1519, 1523, 1533, 1707, 1735, 1993, 2053, 2125, 2228
\vspace	1097, 1931
X	
\x	882, 883, 885, 886
Y	
\year	204
Z	
\z@	1215, 1245, 1262, 1283, 1290, 1299, 1321, 1327, 1336, 1358, 1365, 1375, 1514, 1515, 1529, 1530, 1540, 1573, 1575, 1577, 1580, 1622, 1652, 1682

Change History

v0.0	
	General: bachelor project of Daniel Marek under supervision of Petr Sojka
v0.0a	
	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing
v0.1	
	General: new release, documentation editing (CZ only, sorry) [PS]
v0.1a	
	General: minor documentation changes (CZ only, sorry) [PS]
v0.1b	
	General: change of default size (11pt→12pt) [JP]
v0.1c	
	General: default values of \facultyname and
	\@thesissubtitle set for backward compatibility) [PS]
v0.1d	
	General: removed def schapter from fit1*.clo [JP]
v0.1e	
	General: add Brno to MU title [JP]
v0.1f	
	General: add documentation for hy-perref [JP]
v0.1g	
	General: change of default size (12pt→11pt) [JP]
v0.2.00	
	General: add sk lang [JP; Peter Cerensky] set default cls class to rapport3 [JP]
v0.2.01	
	General: add subsubsection to toc [JP]
v0.2.02	
	General: fix encoding bug [JP]

v0.2.03		v0.3.02	
General: fix title spacing [PS, JP]	1	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN]	1
v0.2.04		v0.3.03	
General: fix SK declaration [Peter Cerensky, JP]	1	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
v0.2.05		v0.3.04	
General: add English abstract [JP]	1	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN]	1
v0.2.06		v0.3.05	
General: fix : behind Advisor [JP]	1	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodeIndex 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
v0.2.07		v0.3.06	
General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP] \MainMatter should be placed after \tablesofcontents [PS]	1	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	
v0.2.08			
General: add change of University name [JP]	1		
v0.2.09			
General: add EN version of University name [JP]	1		
v0.2.10			
General: fix EN name of Acknowledgement [JP]	1		
v0.2.11			
General: fix missing fi-logo.mf [JPPS]	1		
v0.2.12			
General: Licence change to the LPPL [JP]	1		
v0.2.12a			
General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. http://github.com/liskin/fithesis	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		

	typesetting theses outside MU.	
v0.3.07	[VN]	1
	General: Replaced the \thesiswoman command with \thesisgender.	
	[VN]	1
v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)	
	Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17)	1
v0.3.09		
	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN]	1
v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packages listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness.	
	[VN]	1
v0.3.11	General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths. Accounted for French spacing in the guide. Fixed the	
	thesis@english@facultyName string. Documentation refinements. [VN]	1
v0.3.12	General: The subsections and sub-subsections now use the correct tocdepth. [VN]	1
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous \thesis@blocks@clear block within the definition of \thesis@blocks@frontMatter in the fss style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the \ifthesis@blocks@assignment conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN]	1
v0.3.14	General: Updated the documentation. [VN]	1
v0.3.15	General: Renamed \thesis@requireStyle to \thesis@requireWithOptions and moved the style loader from the \thesis@load routine to a new \thesis@requireStyle macro to make the semantics	

of \thesis@requireLocale and \thesis@requireStyle more similar. Changed the basepath, logopath, localepath and stylepath keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN]	1	ing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN]	1
v0.3.16		v0.3.19	
General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN]	1	General: Updated the license. Added the fithesis- prefix to locale files. Proof-read and updated the documentation. Encapsulated the localeInheritance and styleInheritance setters. Added the \thesis@selectLocale{...}, which acts as a replacement for \def\thesis@locale{...}, which also switches hyphenation patterns. The macro definitions inside locale files are now global to account for the fact that it now makes sense to include locale files on-site (and therefore possibly inside a group) using the \thesis@selectLocale. The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN]	1
v0.3.17		v0.3.20	
General: Changed a forgotten \thesis@@lower{...} invocation in the definition of \thesis@czech@declaration for the Faculty of Arts into \thesis@lower{czech@...}, so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN]	1	General: Removed an extraneous \hypersetup option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN]	1
v0.3.18		v0.3.21	
General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output fithesis3.ctan.zip archive. Updated the license notice. Added a README file. Canonicalized a url within the user guides. Renamed the root directory from fithesis3/ to fithesis/. Refactored the makefiles. Added developer example files. Renamed docstrip.cfg to LICENSE.tex to better describe its role. The fithesis.dtx file now generates a VERSION.tex file contain-		General: Fixed an invalid font name. [VN]	1
v0.3.22		v0.3.23	
		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
		General: Fixed a typo in the Slovak locale. [VN]	1

v0.3.24	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 <code>microtype</code> class option, which loads the <code>microtypographic</code> extension. The <code>\thesis@locale@summer</code> and <code>@winter</code> locale macros were renamed to <code>@spring</code> and <code>@fall</code> . The <code>\thesis@parseDate</code> now uses more realistic month ranges to set <code>\thesis@season</code> and <code>\thesis@academicYear</code> . Removed the extraneous indent in the <code>\thesis@blocks@declaration</code> macro definition within the <code>style/mu/fithesis-fi.sty</code> style file. <code>\paragraphs</code> are not included in the table of contents by default. The table class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the <code>style/mu/fithesis-econ.sty</code> style file. [VN]	1
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	
v0.3.27:2	<code>\maketitle</code> . Minor changes of the documentation. [VN]	1
v0.3.27:3	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
v0.3.27:4	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
v0.3.27:5	General: <code>\thesis@english@declaration</code> now uses the correct idiom (by one's own → on one's own). [VN]	1
	General: The PDF bookmarks are no longer garbled, when the <code>LuaTeX</code> engine is used. [VN] . . .	1