

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

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Abstract

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

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1 Required classes and packages

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

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

The class also requires the following packages:

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

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

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

2 Public API

2.1 Options

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

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

2.2 The `\thesissetup` macro

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

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

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

2.2.1 The `basePath` key

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

```

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

```

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

```

`\thesis@declaration` 2.2.5 The declaration key

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

```

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

```

`\ifthesis@woman` 2.2.6 The gender key

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

```

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

```

`\thesis@author` 2.2.7 The author key

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

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

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

```

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

```

`\thesis@id` 2.2.8 The id key

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

```

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

```

`\thesis@type` 2.2.9 The type key

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

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

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

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

`\thesis@university` 2.2.10 The university key

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

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

`\thesis@faculty` 2.2.11 The faculty key

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

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

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

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

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

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

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

```

167     false%
168   \fi\endcsname}

```

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

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

```

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

```

2.2.24 The `date` key

The `{\langle date=date \rangle}` 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:

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

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

```

179 \def\thesis@parseDate#1/#2/#3|{{
180   % Set the basic macros
181   \gdef\thesis@date{#1/#2/#3}%
182   \gdef\thesis@year{#1}%
183   \gdef\thesis@month{#2}%
184   \gdef\thesis@day{#3}%
185
186   % Set the season
187   \newcount\@month\expandafter\@month\thesis@month\relax
188   \ifnum\@month>8\gdef\thesis@season{fall}
189   \else\ifnum\@month<3\gdef\thesis@season{fall}
190   \else \gdef\thesis@season{spring}
191   \fi\fi
192
193   % Set the academic year
194   \newcount\@year\expandafter\@year\thesis@year\relax
195   \ifnum\@month>8%
196     \edef\@yearA{\the\@year}%
197     \advance\@year 1\edef\@yearB{\the\@year}%
198   \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 \LaTeX `\title` macro also sets this key.

```

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

```

`\maketitle` The standard L^AT_EX `\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_EX title of the thesis to *title*. The *title* is used, when typesetting the title, whereas `\thesis@title` is a plain text, which gets included in the PDF header of the resulting document. The *title* is stored within the `\thesis@TeXtitle` macro, whose implicit value is `\thesis@title`.

```

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_EX title of the thesis to *title*. The *title* is used, when typesetting the title, whereas `\thesis@titleEn` is a plain text, which gets included in the PDF header of the resulting document. The *title* is stored within the `\thesis@TeXtitleEn` macro, whose implicit value is `\thesis@titleEn`.

```

224 \def\thesis@TeXtitleEn{\thesis@titleEn}
225 \define@key{thesis}{TeXtitleEn}{%
226   \def\thesis@TeXtitleEn{#1}}

```

`\thesis@keywords` 2.2.30 The `keywords` key

The `{\keywords=list}` pair sets the keywords of the thesis to the comma-delimited *list*. The *list* is stored within the `\thesis@keywords` macro.

```

227 \thesis@def{keywords}
228 \define@key{thesis}{keywords}{%
229   \def\thesis@keywords{#1}}

```

`\thesis@TeXkeywords` **2.2.31 The TeXkeywords key**

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

```
230 \def\thesis@TeXkeywords{\thesis@keywords}
231 \define@key{thesis}{TeXkeywords}{%
232   \def\thesis@TeXkeywords{#1}}
```

`\thesis@keywordsEn` **2.2.32 The keywordsEn key**

The `{\keywordsEn=list}` pair sets the English keywords of the thesis to the comma-delimited *list*. The *list* is stored within the `\thesis@keywordsEn` macro.

```
233 \thesis@def{keywordsEn}
234 \define@key{thesis}{keywordsEn}{%
235   \def\thesis@keywordsEn{#1}}
```

`\thesis@TeXkeywordsEn` **2.2.33 The TeXkeywordsEn key**

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

```
236 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
237 \define@key{thesis}{TeXkeywordsEn}{%
238   \def\thesis@TeXkeywordsEn{#1}}
```

`\thesis@abstract` **2.2.34 The abstract key**

The `{\abstract=text}` pair sets the abstract of the thesis to *text*. The *text* is stored within the `\thesis@abstract` macro.

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

`\thesis@abstractEn` **2.2.35 The abstractEn key**

The `{\abstractEn=text}` pair sets the English abstract of the thesis to *text*. The *text* is stored within the `\thesis@abstractEn` macro.

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

`\thesis@advisor` **2.2.36 The advisor key**

The `{\advisor=name}` pair sets the thesis advisor's full name to *name*. The *name* is stored within the `\thesis@advisor` macro.

```
245 \thesis@def{advisor}  
246 \define@key{thesis}{advisor}{\def\thesis@advisor{#1}}
```

`\thesis@thanks` **2.2.37 The thanks key**

The `{\thanks=text}` pair sets the acknowledgement text to *text*. The *text* is stored within the `\thesis@thanks` macro.

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

`\thesis@assignmentFiles` **2.2.38 The assignment key**

The `{\assignment=list}` pair sets the comma-delimited list of paths to the PDF files containing the thesis assignment to *list*. The *list* is stored within the `\thesis@assignmentFiles` macro.

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

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

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

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

`\thesis@preamble` The `\thesis@preamble` and `\thesis@postamble` macros temporarily switch to the
`\thesis@postamble` hyphenation patterns and the `csquotes` style of the main locale and typeset the
`\thesis@blocks@preamble` contents of the `\thesis@blocks@preamble` or `\thesis@blocks@postamble` macros,
`\thesis@blocks@postamble` respectively.

Before leaving the group, the `\thesis@preamble` macro clears the page. After leaving the group, the `\thesis@preamble` macro sets up the style of the main matter

`\thesis@blocks@mainMatter` by expanding the `\thesis@blocks@mainMatter` macro. All the aforementioned `@block@` macros are defined as `\relax` and are subject to redefinition by the loaded style files.

```

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

```

2.3 The `\thesislong` macro

`\thesislong` The public macro `\thesislong{<key>}{<value>}`, where *value* may contain multiple paragraphs of text, can be used as an alternative to the `\thesissetup` public macro, which only permits a single paragraph as the *value*, for the following *keys*:

- abstract
- abstractEn
- thanks
- declaration

```

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

```

3 Private API

3.1 Main routine

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

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

```

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

```

First, the name of the main locale file is fully expanded and loaded using the `\thesis@requireLocale` macro. If the user specified an explicit empty string as the value of `\thesis@locale`, do nothing.

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

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

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

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

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

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

- Title is set to `\thesis@title`.
- Author is set to `\thesis@author`.
- Keywords is set to `\thesis@keywords`.
- Creator is set to 2015/12/09 v0.3.29 fithesis3 MU thesis class.

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

If autolayout is enabled, the `\thesis@preamble` and `\thesis@postamble` macros are scheduled for expansion at the beginning and at the end of the document, respectively.

```

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

```

3.2 File manipulation macros

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

```

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

```

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

```

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

```

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

```

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

```

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

```

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

```

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

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

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

```

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

```

```

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

```

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

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

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

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

```

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

```

3.3 String manipulation macros

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

```

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

```

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

```

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

```


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

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

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

```

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

```

3.5 Locale files

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

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

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

3.5.1 Interface

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

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

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

where *locale* is the name of the locale.

3.5.2 English locale files

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

This is the base file of the English locale.

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

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

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

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

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

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

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

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

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

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

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

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

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

3.5.3 Czech locale files

3.5.3.1 The locale/fithesis-czech.def file

This is the base file of the Czech locale.

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

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

\thesis@czech@gender@koncovka The locale file also defines the \thesis@czech@gender@koncovka macro, which expands to the correct verb ending based on the value of the \thesis@ifwoman macro and the

\thesis@czech@typeName@akuzativ \thesis@czech@typeName@akuzativ containing the accusative case of the thesis type name.

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

```

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

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

```

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

```

3.5.4 Slovak locale files

3.5.4.1 The locale/fithesis-slovak.def file

This is the base file of the Slovak locale.

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

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

\thesis@slovak@gender@koncovka The locale file also defines the \thesis@slovak@gender@koncovka macro, which expands to the correct verb ending based on the value of the \thesis@ifwoman macro and the

\thesis@slovak@typeName@akuzativ \thesis@slovak@typeName@akuzativ containing the accusative case of the thesis type name.

```

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

```

```

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

```

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

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

```

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

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

```

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

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

```

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

```

3.6 Style files

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

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

3.6.1 Interface

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

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

3.6.2 Base style files

3.6.2.1 The style/fithesis-base.sty file

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

```

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

```

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

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

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

The file recognizes the following options:

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

```
850 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
851 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
852 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
```

- oneside, twoside – The document is going to be either single- or double-sided, respectively. In a double-sided document, headers, page numbering, margin notes and several other elements will be arranged based on the parity of the page. Blank pages will also be inserted prior the beginning of each chapter to ensure that it starts on a right-hand (odd-numbered) page. The \ifthesis@twoside@ conditional is set to either false or true, respectively.

\ifthesis@twoside@

```
853 \newif\ifthesis@twoside@
854 \DeclareOption{oneside}{%
855 \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
856 \DeclareOption{twoside}{%
857 \thesis@twoside@true\@twosidetrue\@mparswitchtrue}
```

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

```
858 \DeclareOption{onecolumn}{\@twocolumnfalse}
859 \DeclareOption{twocolumn}{\@twocolumntrue}
```

- draft, final – Overfull lines either are or aren't marked within the document, respectively, and graphics either aren't or are inserted into the document, respectively.

```
860 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
861 \DeclareOption{final}{\setlength\overfullrule{0pt}}
```

- palatino, nopalatino – The roman text font family and the math font family is going to be either set to Palatino or left untouched, respectively. The \ifthesis@palatino@ conditional is set to either true or false, respectively. The Palatino font is a part of the visual identity of the Faculty of Informatics at which the document class was created.

\ifthesis@palatino@

```
862 \newif\ifthesis@palatino@
863 \DeclareOption{palatino}{\thesis@palatino@true}
864 \DeclareOption{nopalatino}{\thesis@palatino@false}
```

<code>\ifthesis@color@</code>	<ul style="list-style-type: none"> • <code>color</code>, <code>monochrome</code> – Certain typographical elements either are or aren't going to be typeset in color, respectively. The <code>\ifthesis@color@</code> conditional is set to either <code>true</code> or <code>false</code>, respectively.
	<pre> 865 \newif\ifthesis@color@ 866 \DeclareOption{monochrome}{\thesis@color@false} 867 \DeclareOption{color}{\thesis@color@true} </pre>
<code>\ifthesis@microtype@</code>	<ul style="list-style-type: none"> • <code>microtype</code>, <code>nomicrotype</code> – The microtypographic extension of modern \TeX engines – such as $\text{pdf}\TeX$, $\text{X}\text{\LaTeX}$, or $\text{Lua}\TeX$ – is or isn't going to be enabled, respectively. The <code>\ifthesis@microtype@</code> conditional is set to either <code>true</code> or <code>false</code>, respectively.
	<pre> 868 \newif\ifthesis@microtype@ 869 \DeclareOption{microtype}{\thesis@microtype@true} 870 \DeclareOption{nomicrotype}{\thesis@microtype@false} </pre>
<code>\ifthesis@newtable@</code>	<ul style="list-style-type: none"> • <code>table</code>, <code>oldtable</code> – If the <code>\ifthesis@color@</code> conditional is <code>true</code>, then the definitions of the <code>tabular</code>, <code>tabularx</code>, and <code>tabu</code> commands either are or aren't going to be altered to better match the style, respectively. The <code>\ifthesis@newtable@</code> conditional is set to either <code>true</code> or <code>false</code>, respectively.
	<pre> 871 \newif\ifthesis@newtable@ 872 \DeclareOption{table}{\thesis@newtable@true} 873 \DeclareOption{oldtable}{\thesis@newtable@false} </pre>
	<p>The choice of the option name is deliberate – the redefinition of the <code>table</code> environments depends on the <code>xcolor</code> package, which needs to be loaded with the <code>table</code> option. Since so many other packages depend on the <code>xcolor</code> package and this style file is loaded at the very end of the preamble, there would either be a great chance of an option clash, or the option would have to be passed to the <code>xcolor</code> package before the preamble from the body of the <code>fithesis3</code> class thus breaking the encapsulation. Naming the option <code>table</code> forces the option to be processed by the <code>xcolor</code> package as well and it is therefore an elegant solution to the problem at hand.</p>
<code>\thesis@blocks@tables</code>	<ul style="list-style-type: none"> • <code>lot</code>, <code>no lot</code> – <code>\listoftables</code> either is or isn't going to be included in the <code>\thesis@blocks@tables</code> block, respectively.
	<pre> 874 \DeclareOption{no lot}{\def\thesis@blocks@lot{}} 875 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables} </pre>
<code>\thesis@blocks@tables</code>	<ul style="list-style-type: none"> • <code>lof</code>, <code>no lof</code> – <code>\listoffigures</code> is or isn't going to be included in the <code>\thesis@blocks@tables</code> block, respectively.
	<pre> 876 \DeclareOption{no lof}{\def\thesis@blocks@lof{}} 877 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures} </pre>
<code>\thesis@blocks@cover</code>	<ul style="list-style-type: none"> • <code>cover</code>, <code>no cover</code> – The <code>\thesis@blocks@cover</code> either is going to expand to either the thesis cover or produces no output, respectively. The <code>\ifthesis@cover@</code> conditional is set to <code>false</code> or <code>true</code>, respectively.
<code>\ifthesis@cover@</code>	

```

878 \newif\ifthesis@cover@
879 \DeclareOption{nocover}{\thesis@cover@false}
880 \DeclareOption{cover}{\thesis@cover@true}

```

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

```

881 \DeclareOption{digital}{\ExecuteOptions{color,cover}}
882 \DeclareOption{printed}{\ExecuteOptions{monochrome,nocover}}

```

These are the default options:

```

883 \ExecuteOptions{%
884   printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
885 \ProcessOptions*

```

The file uses English locale strings within the macros.

```

886 \thesis@requireLocale{english}

```

The file loads the following packages:

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

```

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

```

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

```

893 \ifthesis@microtype@
894   \thesis@require[final,babel]{microtype}
895 \fi

```

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

```

896 {\let\x\expandafter
897 \x\global\x\let\x\ifthesis@xeluatex\cname if%

```

```

898 \ifxetex true\else
899   \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
900   \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
901   \fi
902 \fi\endcsname}

```

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

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

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

```

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

```

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

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

```

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

```

If the `\thesis@newtable@` conditional is true, then some of the dimensions associated with tables are modified in preparation for the coloring of the table cells. The following packages are also loaded:

- `tabularx` – Provides the `tabularx` environment, which enables the typesetting of tables with flexible-width columns.
- `tabu` – Provides the `tabu` environment, which enables the typesetting of complex tables.
- `booktabs` – A package, which allows the creation of publication-quality tables in \LaTeX .

```

920 \let\thesis@newtable@old\tabular
921 \let\endthesis@newtable@old\endtabular
922 \ifthesis@newtable@
923   % Load the packages.
924   \thesis@require{tabularx}
925   \thesis@require{tabu}
926   \thesis@require{booktabs}
927   % Adjust the measurements.
928   \setlength{\aboverulesep}{0pt}
929   \setlength{\belowrulesep}{0pt}
930   \setlength{\extrarowheight}{.75ex}

```

When both the `\thesis@newtable@` and `\thesis@color@` conditionals are true, then the `tabular` and `tabularx` environments are redefined to better match the style of the given faculty.

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

```

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

\thesis@newtable@oldx
\endthesis@newtable@oldx
\thesis@newtable@oldtabu
\endthesis@newtable@oldtabu
931 \ifthesis@color@
932   % The redefinition of ‘tabular’
933   \renewenvironment{tabular}%
934     {\rowcolors{1}{thesis@color@tableOdd}%
935      {thesis@color@tableEven}%
936      \thesis@newtable@old}%
937     {\endthesis@newtable@old}
938   % The redefinition of ‘tabularx’
939   \let\thesis@newtable@oldx\tabularx
940   \let\endthesis@newtable@oldx\endtabularx
941   \renewenvironment{tabularx}%
942     {\rowcolors{1}{thesis@color@tableOdd}%
943      {thesis@color@tableEven}%
944      \thesis@newtable@oldx}%
945     {\endthesis@newtable@oldx}
946   % The redefinition of ‘tabu’
947   \let\thesis@newtable@oldtabu\tabu
948   \let\endthesis@newtable@oldtabu\endtabu
949   \renewenvironment{tabu}%
950     {\rowcolors{1}{thesis@color@tableOdd}%

```

```

951             {thesis@color@tableEven}%
952     \thesis@newtable@oldtabu}%
953     {\endthesis@newtable@oldtabu}
954 \fi
955 \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.

```

956 \thesis@require{hyperref}
957 \hypersetup{
958   pdfborderstyle={/S/U/W 1}, % Less obtrusive borders
959   plainpages=false}          % Multiple page numbering support

```

Clubs and widows are set to be infinitely bad.

```

960 \widowpenalty 10000
961 \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.

```

962 \def\thesis@color@setup#1{%
963   \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.

```

964 \define@key{thesis@color}{links}{%
965   \definecolor{thesis@color@links}#1
966   \hypersetup{linkbordercolor=thesis@color@links}}
967 \define@key{thesis@color}{tableOdd}{%
968   \definecolor{thesis@color@tableOdd}#1}
969 \define@key{thesis@color}{tableEven}{%
970   \definecolor{thesis@color@tableEven}#1}
971 \define@key{thesis@color}{tableEmph}{%
972   \definecolor{thesis@color@tableEmph}#1}

```

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

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

```
973 \def\thesis@blocks@coverMatter{%
974   \pagenumbering{gobble}}
```

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

```
975 \def\thesis@blocks@frontMatter{%
976   \thesis@blocks@clear
977   \pagestyle{plain}
978   \parindent 1.5em
979   \setcounter{page}{1}
980   \pagenumbering{roman}}
```

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

```
981 \def\thesis@blocks@clear{%
982   \ifthesis@twoside%
983     \clearpage%
984     \thispagestyle{empty}%
985     \cleardoublepage%
986   \else%
987     \newpage%
988   \fi}
```

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

```
989 \def\thesis@blocks@clearRight{%
990   \ifthesis@twoside%
991     \clearpage%
992     \ifodd\value{page}%
993       \thispagestyle{empty}%
994       \hbox{}%
995       \newpage%
996     \fi%
997   \else%
998     \newpage%
999   \fi}
```

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

```
1000 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]{%
```

```

1001 [width=40mm]{{%
1002   \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1003   \includegraphics[#1]{\@path}}}

```

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

```

1004 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1005 [width=40mm]{{%
1006   \edef\@path{\thesis@logopath\thesis@facultyLogo%
1007     \ifthesis@color@-color\fi}%
1008   \includegraphics[#1]{\@path}}}

```

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

```

1009 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1010 [width=40mm]{{%
1011   \edef\@path{\thesis@logopath\thesis@universityLogo}%
1012   \includegraphics[#1]{\@path}}}

```

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

```

1013 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1014 [width=40mm]{{%
1015   \edef\@path{\thesis@logopath\thesis@universityLogo%
1016     \ifthesis@color@-color\fi}%
1017   \includegraphics[#1]{\@path}}}

```

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

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

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

```

1018 \def\thesis@blocks@cover{%
1019   \ifthesis@cover@%
1020     \thesis@blocks@clear%
1021     \begin{alwaysingle}%
1022       \thispagestyle{empty}%
1023       \begin{center}%

```

```

1024 \thesis@blocks@cover@header%
1025 \thesis@blocks@facultyLogo@monochrome\[\0.4in]%
1026 \let\footnotesize\small%
1027 \let\footnoterule\relax{}%
1028 \thesis@blocks@cover@content%
1029 \par\vfill%
1030 \thesis@blocks@cover@footer%
1031 \end{center}%
1032 \end{alwaysingle}%
1033 \fi}

```

The output of the `\thesis@blocks@cover@header` macro is controlled by the following conditionals:

1. `\ifthesis@blocks@cover@university@` – This conditional expression determines, whether the university name is going to be included in the header of the cover. The default value of this conditional is true.
2. `\ifthesis@blocks@cover@faculty@` – This conditional expression determines, whether the faculty name is going to be included in the header of the cover. The default value of this conditional is true.
3. `\ifthesis@blocks@cover@department@` – This conditional expression determines, whether the department name is going to be included in the header of the cover. The default value of this conditional is false.
4. `\ifthesis@blocks@cover@field@` – This conditional expression determines, whether the field of study is going to be included in the header of the cover. The default value of this conditional is false.

The subsequently loaded style files can modify the value of these conditionals to alter the output of the `\thesis@blocks@cover@header` macro without altering its definition.

```

1034 \newif\ifthesis@blocks@cover@university@
1035 \thesis@blocks@cover@university@true
1036 \newif\ifthesis@blocks@cover@faculty@
1037 \thesis@blocks@cover@faculty@true
1038 \newif\ifthesis@blocks@cover@department@
1039 \thesis@blocks@cover@department@false
1040 \newif\ifthesis@blocks@cover@field@
1041 \thesis@blocks@cover@field@false
1042
1043 \def\thesis@blocks@cover@header{%
1044   {\sc\ifthesis@blocks@cover@university@%
1045     \thesis@titlePage@LARGE\thesis@{universityName}\%
1046   \fi\ifthesis@blocks@cover@faculty@%
1047     \thesis@titlePage@LARGE\thesis@{facultyName}\%
1048   \fi\ifthesis@blocks@cover@department@%
1049     \thesis@titlePage@LARGE\thesis@{department}\%
1050   \fi}

```

```

1051 \ifthesis@blocks@cover@field%
1052   {\thesis@titlePage@large\vskip 1em%
1053    {\bf\thesis@{fieldTitle}:} \thesis@field}%
1054   \fi\vskip 2em}
1055 \def\thesis@blocks@cover@content{%
1056   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1057   \vskip 0.8in%
1058   {\thesis@titlePage@large\sc\thesis@{typeName}}\[\[0.3in]%
1059   {\thesis@titlePage@Large\bf\thesis@author}}
1060 \def\thesis@blocks@cover@footer{%
1061   {\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.

```

1062 \def\thesis@blocks@titlePage{%
1063   \thesis@blocks@clear%
1064   \begin{alwaysingle}%
1065     \thispagestyle{empty}%
1066     \begin{center}%
1067       \thesis@blocks@titlePage@header%
1068       \thesis@blocks@facultyLogo@color\[\[0.4in]%
1069       \let\footnotesize\small%
1070       \let\footnoterule\relax}%
1071     \thesis@blocks@titlePage@content%
1072     \par\vfill%
1073     \thesis@blocks@titlePage@footer%
1074   \end{center}%
1075   \end{alwaysingle}}

```

The output of the `\thesis@blocks@titlePage@header` macro is controlled by the following conditionals:

1. `\ifthesis@blocks@titlePage@university@` – This conditional expression determines, whether the university name is going to be included in the header of the title page. The default value of this conditional is true.
2. `\ifthesis@blocks@titlePage@faculty@` – This conditional expression determines, whether the faculty of study is going to be included in the header of the title page. The default value of this conditional is true.
3. `\ifthesis@blocks@titlePage@department@` – This conditional expression determines, whether the department name is going to be included in the header of the title page. The default value of this conditional is false.

4. `\ifthesis@blocks@titlePage@field@` – This conditional expression determines, whether the field of study is going to be included in the header of the title page. The default value of this conditional is false.

The subsequently loaded style files can modify the value of these conditionals to alter the output of the `\thesis@blocks@titlePage@header` macro without altering its definition.

```

1076 \newif\ifthesis@blocks@titlePage@university@
1077 \thesis@blocks@titlePage@university@true
1078 \newif\ifthesis@blocks@titlePage@faculty@
1079 \thesis@blocks@titlePage@faculty@true
1080 \newif\ifthesis@blocks@titlePage@department@
1081 \thesis@blocks@titlePage@department@false
1082 \newif\ifthesis@blocks@titlePage@field@
1083 \thesis@blocks@titlePage@field@false
1084
1085 \def\thesis@blocks@titlePage@header{%
1086   {\sc\ifthesis@blocks@titlePage@university@%
1087     \thesis@titlePage@LARGE\thesis@@{universityName}}\%
1088   \fi\ifthesis@blocks@titlePage@faculty@%
1089     \thesis@titlePage@Large\thesis@@{facultyName}}\%
1090   \fi\ifthesis@blocks@titlePage@department@%
1091     \thesis@titlePage@large\thesis@department}\%
1092   \fi}
1093 \ifthesis@blocks@titlePage@field@%
1094   {\thesis@titlePage@large\vskip 1em%
1095     {\bf\thesis@@{fieldTitle}:} \thesis@field}%
1096   \fi\vskip 2em}
1097 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1098 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

```

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

```

1099 \def\thesis@blocks@tables{%
1100   \thesis@blocks@clear%
1101   \tableofcontents%
1102   \thesis@blocks@lot%
1103   \thesis@blocks@lof}

```

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

```

1104 \def\thesis@blocks@declaration{%
1105   \thesis@blocks@clear%
1106   \begin{alwaysssingle}%
1107     \chapter*{\thesis@@{declarationTitle}}%
1108     \thesis@declaration%
1109     \vskip 2cm%
1110     \hfill\thesis@author%
1111   \end{alwaysssingle}}

```

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

```

1112 \def\thesis@blocks@thanks{%
1113   \ifx\thesis@thanks\undefined\else%
1114     \thesis@blocks@clear%
1115     \begin{alwaysingle}%
1116       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1117       \thesis@thanks%
1118     \end{alwaysingle}%
1119   \fi}

```

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

```

1120 \def\thesis@blocks@abstract{%
1121   \begin{alwaysingle}%
1122     % Start the new chapter without clearing the right page
1123     {\def\cleardoublepage{}
1124     \chapter*{\thesis@{abstractTitle}}}%
1125     \noindent\thesis@abstract%
1126     \par\vfil\null%
1127   \end{alwaysingle}}

```

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

```

1128 \def\thesis@blocks@abstractEn{%
1129   \ifthesis@english\else%
1130     {\thesis@selectLocale{english}%
1131     \begin{alwaysingle}%
1132       % Start the new chapter without clearing the right page
1133       {\def\cleardoublepage{}%
1134       \chapter*{\thesis@english@abstractTitle}%
1135       \thesis@abstractEn}%
1136       \par\vfil\null%
1137     \end{alwaysingle}}%
1138   \fi}

```

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

```

1139 \def\thesis@blocks@keywords{%
1140   \begin{alwaysingle}%
1141     % Start the new chapter without clearing the right page
1142     {\def\cleardoublepage{}%
1143     \chapter*{\thesis@{keywordsTitle}}%
1144     \noindent\thesis@TeXkeywords}%
1145     \par\vfil\null%
1146   \end{alwaysingle}}

```

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

```

1147 \def\thesis@blocks@keywordsEn{%
1148   \ifthesis@english\else%

```

```

1149 {\thesis@selectLocale{english}%
1150 \begin{alwaysingle}%
1151 % Start the new chapter without clearing the right page
1152 {\def\cleardoublepage{}%
1153 \chapter*{\thesis@english@keywordsTitle}%
1154 \thesis@TeXkeywordsEn}%
1155 \par\vfil\null%
1156 \end{alwaysingle}}%
1157 \fi}

```

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

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

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

```

1158 \newif\ifthesis@blocks@assignment@
1159 \thesis@blocks@assignment@true
1160 \def\thesis@blocks@assignment{%
1161 \ifthesis@blocks@assignment@%
1162 \ifx\thesis@assignmentFiles\undefined%
1163 % Typeset a placeholder page.
1164 \thesis@blocks@clear%
1165 \begin{alwaysingle}%
1166 \thispagestyle{empty}%
1167 \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1168 \noindent\textit{\thesis@{assignment}}%
1169 \end{alwaysingle}%
1170 \else%
1171 {\edef\@pdfList{\thesis@assignmentFiles}%
1172 \ifx\@pdfList\empty\else
1173 \let\ea\expandafter
1174 % Inject the specified PDF documents.
1175 \def\@inject##1,{\thesis@blocks@clear
1176 \def\@args{##1}\def\@relax{\relax}%
1177 \ifx\@args\relax\else%
1178 % Trim leading spaces.
1179 \edef\@trimmed{\romannumeral-'\.##1}%
1180 \includepdf[pages=-]\@trimmed
1181 \ea\@inject\fi}%

```

```

1182      \ea\@inject\@pdfList,\relax,%
1183      \fi}%
1184    \fi%
1185  \fi}

```

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

```

1186 \def\thesis@blocks@mainMatter{%
1187   \thesis@blocks@clear
1188   \setcounter{page}{1}
1189   \pagenumbering{arabic}
1190   \pagestyle{thesisheadings}
1191   \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.

```

1192 % Table of contents will contain sectioning commands up to
1193 % \subsubsection
1194 \setcounter{tocdepth}{3}
1195
1196 % Load the 'fithesis-1*.clo' size option
1197 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1198
1199 \def\ps@thesisheadings{%
1200 \def\chaptermark##1{%
1201 \markright{%
1202 \ifnum\c@secnumdepth >\m@ne
1203 \thechapter.\ %
1204 \fi ##1}}
1205 \let\@oddfoot\@empty
1206 \let\@oddhead\@empty
1207 \def\@oddhead{\vbox{\hbox to \textwidth{%
1208 \hfil{\sc\rightmark}}\vskip 4pt\hrule}}
1209 \if@twoside
1210 \def\@evenhead{\vbox{\hbox to \textwidth{%
1211 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1212 \else
1213 \let\@evenhead\@oddhead
1214 \fi
1215 \def\@oddfoot{\hfil\PageFont\thepage}
1216 \if@twoside
1217 \def\@evenfoot{\PageFont\thepage\hfil}%
1218 \else
1219 \let\@evenfoot\@oddfoot
1220 \fi
1221 \let\mkboth\markboth

```

```

1222 }
1223
1224 % Redefines the style of the chapter headings
1225 \renewcommand*\chapter{%
1226 \if@twoside
1227 \clearpage
1228 \thispagestyle{empty}
1229 \cleardoublepage
1230 \else
1231 \clearpage
1232 \fi
1233 \thispagestyle{plain}%
1234 \global\@topnum\z@
1235 \@afterindentfalse
1236 \secdef\@chapter\@schapter}
1237
1238 % Redefines the style of part headings
1239 \renewcommand*\part{%
1240 \clearpage
1241 \thispagestyle{empty}
1242 \cleardoublepage
1243 \thispagestyle{empty}%
1244 \if@twocolumn%
1245 \onecolumn
1246 \@tempswattrue
1247 \else
1248 \@tempswafalse
1249 \fi
1250 \hbox{}\vfil
1251 \secdef\@part\@spart}
1252
1253 \newif\if@restonecol
1254 \def\alwaysingle{%
1255 \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1256 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1257
1258 \renewcommand*\l@part[2]{%
1259 \ifnum \c@tocdepth >-2\relax
1260 \addpenalty{-\@highpenalty}%
1261 \addvspace{0.5em \@plus\p@}%
1262 \begingroup
1263 \setlength\@tempdima{3em}%
1264 \parindent \z@ \rightskip \@pnumwidth
1265 \parfillskip -\@pnumwidth
1266 {\leavevmode
1267 \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
1268 \nobreak
1269 \global\@nobreaktrue
1270 \everypar{\global\@nobreakfalse\everypar{}}%
1271 \endgroup

```

```

1272 \addvspace{0.2em \@plus\p@}%
1273 \fi}
1274
1275 \renewcommand*\l@chapter[2]{%
1276 \ifnum \c@tocdepth >\m@ne
1277 \addpenalty{-\@highpenalty}%
1278 \vskip 1.0em \@plus\p@
1279 \setlength\@tempdima{1.5em}%
1280 \begingroup
1281 \parindent \z@ \rightskip \@pnumwidth
1282 \parfillskip -\@pnumwidth
1283 \leavevmode \bfseries
1284 \advance\leftskip\@tempdima
1285 \hskip -\leftskip
1286 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1287 \penalty\@highpenalty
1288 \endgroup
1289 \fi}
1290
1291 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1292 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1293 \renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
1294 \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.

```

1295 <*opt>
1296 <*10pt>
1297 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2015/06/23]
1298
1299 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont%
1300 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1301 \belowdisplayskip \abovedisplayskip
1302 \abovedisplayshortskip \z@ plus3\p@
1303 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1304 \let\@listi\@listI}
1305
1306 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
1307 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1308 \belowdisplayskip \abovedisplayskip
1309 \abovedisplayshortskip \z@ plus2\p@
1310 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1311 \def\@listi{\leftmargin\leftmarginI
1312 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1313 \itemsep \parsep}}
1314
1315 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont%
1316 \abovedisplayskip 6\p@ plus2\p@ minus4\p@

```

```

1317 \belowdisplayskip \abovedisplayskip
1318 \abovedisplayshortskip \z@ plus\p@
1319 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1320 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1321 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1322 \itemsep \parsep}}
1323
1324 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1325 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1326 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1327 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1328 \renewcommand{\LARGE}{\fontsize\@xxviipt{22pt}\selectfont}
1329 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1330 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1331
1332 </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.

```

1333 <*11pt>
1334 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2015/06/23]
1335
1336 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont}
1337 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1338 \belowdisplayskip \abovedisplayskip
1339 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1340 \abovedisplayshortskip \z@ plus3\p@
1341 \let\@listi\@listI}
1342
1343 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont}
1344 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1345 \belowdisplayskip \abovedisplayskip
1346 \abovedisplayshortskip \z@ plus3\p@
1347 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1348 \def\@listi{\leftmargin\leftmarginI
1349 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1350 \itemsep \parsep}}
1351
1352 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont}
1353 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1354 \belowdisplayskip \abovedisplayskip
1355 \abovedisplayshortskip \z@ plus\p@
1356 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1357 \def\@listi{\leftmargin\leftmarginI
1358 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1359 \itemsep \parsep}}
1360
1361 \renewcommand{\scriptsize}{\fontsize\@viiipt{9.5pt}\selectfont}

```

```

1362 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1363 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1364 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1365 \renewcommand{\LARGE}{\fontsize\@xvipt{22pt}\selectfont}
1366 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1367 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1368
1369 (/11pt)

```

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

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

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

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

```

1370 (*12pt)
1371 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2015/06/23]
1372 (/12pt)
1373
1374 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%
1375 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1376 \belowdisplayskip \abovedisplayskip
1377 \abovedisplayshortskip \z@ plus3\p@
1378 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1379 \let\@listi\@listI}
1380
1381 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
1382 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1383 \belowdisplayskip \abovedisplayskip
1384 \abovedisplayshortskip \z@ plus3\p@

```

```

1385 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1386 \def\listi{\leftmargin\leftmargin % Added 22 Dec 87
1387 \parsep 4.5\p@ plus2\p@ minus\p@
1388 \itemsep \parsep
1389 \topsep 9\p@ plus3\p@ minus5\p@}}
1390
1391 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
1392 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1393 \belowdisplayskip \abovedisplayskip
1394 \abovedisplayshortskip \z@ plus3\p@
1395 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1396 \def\@listi{\leftmargin\leftmargin % Added 22 Dec 87
1397 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1398 \itemsep \parsep}}
1399
1400 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1401 \def\thesis@titlePage@tiny{\fontsize\@vpt{7pt}\selectfont}
1402 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1403 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
1404 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1405 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1406 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1407
1408 (*12pt)
1409 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1410 \renewcommand{\small}{\thesis@titlePage@small}
1411 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1412 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1413 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1414 \renewcommand{\large}{\thesis@titlePage@large}
1415 \renewcommand{\Large}{\thesis@titlePage@Large}
1416 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1417 \renewcommand{\huge}{\thesis@titlePage@huge}
1418 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1419 (/12pt)
1420 \let\@normalsize\normalsize
1421 \normalsize
1422
1423 \if@twoside
1424 \oddsidemargin 0.75in
1425 \evensidemargin 0.4in
1426 \marginparwidth 0pt
1427 \else
1428 \oddsidemargin 0.75in
1429 \evensidemargin 0.75in
1430 \marginparwidth 0pt
1431 \fi
1432 \marginparsep 10pt
1433
1434 \topmargin 0.4in

```

```

1435
1436 \headheight 20pt
1437 \headsep 10pt
1438 \topskip 10pt
1439 \footskip 30pt
1440
1441 (*10pt)
1442 \textheight = 43\baselineskip
1443 \advance\textheight by \topskip
1444 \textwidth 5.0truein
1445 \columnsep 10pt
1446 \columnseprule 0pt
1447
1448 \footnotesep 6.65pt
1449 \skip\footins 9pt plus 4pt minus 2pt
1450 \floatsep 12pt plus 2pt minus 2pt
1451 \textfloatsep 20pt plus 2pt minus 4pt
1452 \intextsep 12pt plus 2pt minus 2pt
1453 \dblfloatsep 12pt plus 2pt minus 2pt
1454 \dbltextfloatsep 20pt plus 2pt minus 4pt
1455
1456 \@fptop 0pt plus 1fil
1457 \@fpsep 8pt plus 2fil
1458 \@fpbot 0pt plus 1fil
1459 \@dblfpptop 0pt plus 1fil
1460 \@dblfpsep 8pt plus 2fil
1461 \@dblfpbot 0pt plus 1fil
1462 \marginparpush 5pt
1463
1464 \parskip 0pt plus 1pt
1465 \partopsep 2pt plus 1pt minus 1pt
1466
1467 (/10pt)
1468 %
1469 (*11pt)
1470 \textheight = 39\baselineskip
1471 \advance\textheight by \topskip
1472 \textwidth 5.0truein
1473 \columnsep 10pt
1474 \columnseprule 0pt
1475
1476 \footnotesep 7.7pt
1477 \skip\footins 10pt plus 4pt minus 2pt
1478 \floatsep 12pt plus 2pt minus 2pt
1479 \textfloatsep 20pt plus 2pt minus 4pt
1480 \intextsep 12pt plus 2pt minus 2pt
1481 \dblfloatsep 12pt plus 2pt minus 2pt
1482 \dbltextfloatsep 20pt plus 2pt minus 4pt
1483
1484 \@fptop 0pt plus 1fil

```

```

1485 \@fpsep 8pt plus 2fil
1486 \@fpbot 0pt plus 1fil
1487 \@dblfp top 0pt plus 1fil
1488 \@dblfpsep 8pt plus 2fil
1489 \@dblfpbot 0pt plus 1fil
1490 \marginparpush 5pt
1491
1492 \parskip 0pt plus 0pt
1493 \partopsep 3pt plus 1pt minus 2pt
1494
1495 </11pt>
1496 %
1497 <*12pt>
1498 \textheight = 37\baselineskip
1499 \advance\textheight by \topskip
1500 \textwidth 5.0truein
1501 \columnsep 10pt
1502 \columnseprule 0pt
1503
1504 \footnotesep 8.4pt
1505 \skip\footins 10.8pt plus 4pt minus 2pt
1506 \floatsep 14pt plus 2pt minus 4pt
1507 \textfloatsep 20pt plus 2pt minus 4pt
1508 \intextsep 14pt plus 4pt minus 4pt
1509 \dblfloatsep 14pt plus 2pt minus 4pt
1510 \dbltextfloatsep 20pt plus 2pt minus 4pt
1511
1512 \@fptop 0pt plus 1fil
1513 \@fpsep 10pt plus 2fil
1514 \@fpbot 0pt plus 1fil
1515 \@dblfp top 0pt plus 1fil
1516 \@dblfpsep 10pt plus 2fil
1517 \@dblfpbot 0pt plus 1fil
1518 \marginparpush 7pt
1519
1520 \parskip 0pt plus 0pt
1521 \partopsep 3pt plus 2pt minus 2pt
1522
1523 </12pt>
1524 \@lowpenalty 51
1525 \@medpenalty 151
1526 \@highpenalty 301
1527 \@beginparpenalty -\@lowpenalty
1528 \@endparpenalty -\@lowpenalty
1529 \@itempenalty -\@lowpenalty
1530
1531 \def\@makechapterhead#1{%
1532   {%
1533     \setlength\parindent{\z@}%
1534     \setlength\parskip {\z@}%

```

```

1535 \ifnum
1536 \c@secnumdepth >\m@ne
1537 \par\nobreak
1538 \vskip 10\p@
1539 \fi
1540 \Large \ChapFont \thechapter{} \space #1\par
1541 \nobreak
1542 \vskip 20\p@
1543 }%
1544 }
1545
1546 \def\@makeschapterhead#1{%
1547 {%
1548 \setlength\parindent{\z@}%
1549 \setlength\parskip {\z@}%
1550 \Large \ChapFont #1\par
1551 \nobreak
1552 \vskip 20\p@
1553 }%
1554 }
1555
1556 \def\chapter{%
1557 \clearpage
1558 \thispagestyle{plain}
1559 \global\@topnum\z@
1560 \@afterindentfalse
1561 \secdef\@chapter\@schapter
1562 }
1563
1564 \def\@chapter[#1]#2{%
1565 \ifnum \c@secnumdepth
1566 >\m@ne
1567 \refstepcounter{chapter}%
1568 \typeout{\@chapapp\space\thechapter.}%
1569 \addcontentsline{toc}{chapter}{\protect
1570 \numberline{\thechapter}\bfseries #1}
1571 \else%
1572 \addcontentsline{toc}{chapter}{\bfseries #1}
1573 \fi
1574 \chaptermark{#1}%
1575 \addtocontents{lof}%
1576 {\protect\addvspace{4\p@}}
1577 \addtocontents{lot}%
1578 {\protect\addvspace{4\p@}}
1579 \if@twocolumn
1580 \@topnewpage[\@makechapterhead{#2}]%
1581 \else
1582 \@makechapterhead{#2}%
1583 \@afterheading
1584 \fi

```

```

1585 }
1586
1587 %\def\schapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]\%
1588 %      \else \@makeschapterhead{#1}%
1589 %      \markright{#1}
1590 %      \@afterheading\fi}
1591
1592 \def\section{\@startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
1593 -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
1594 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
1595 minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1596 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
1597 -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1598 \def\paragraph{\@startsection
1599 {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
1600 \normalsize\bfseries}}
1601 \def\subparagraph{\@startsection
1602 {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
1603 .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1604
1605 \setcounter{secnumdepth}{2}
1606
1607 \def\appendix{\par
1608 \setcounter{chapter}{0}%
1609 \setcounter{section}{0}%
1610 \def\@chapapp{\appendixname}%
1611 \def\thechapter{\Alph{chapter}}}}
1612
1613 \leftmargini 2.5em
1614 \leftmarginii 2.2em % > \labelsep + width of '(m)'
1615 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
1616 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
1617 \leftmarginv 1em
1618 \leftmarginvi 1em
1619
1620 \leftmargin\leftmargini
1621 \labelsep .5em
1622 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1623
1624 (*10pt)
1625 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1626 \topsep 8\p@ plus2\p@ minus4\p@
1627 \itemsep 4\p@ plus2\p@ minus\p@}
1628
1629 \let\@listi\@listI
1630 \@listi
1631
1632 \def\@listii{\leftmargin\leftmarginii
1633 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1634 \topsep 4\p@ plus2\p@ minus\p@}

```

```

1635 \parsep 2\p@ plus\p@ minus\p@
1636 \itemsep \parsep}
1637
1638 \def\@listiii{\leftmargin\leftmarginiii
1639 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1640 \topsep 2\p@ plus\p@ minus\p@
1641 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1642 \itemsep \topsep}
1643
1644 \def\@listiv{\leftmargin\leftmarginiv
1645 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1646
1647 \def\@listv{\leftmargin\leftmarginv
1648 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1649
1650 \def\@listvi{\leftmargin\leftmarginvi
1651 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1652 </10pt>
1653 %
1654 < *11pt>
1655 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1656 \topsep 9\p@ plus3\p@ minus5\p@
1657 \itemsep 4.5\p@ plus2\p@ minus\p@}
1658
1659 \let\@listi\@listI
1660 \@listi
1661
1662 \def\@listii{\leftmargin\leftmarginii
1663 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1664 \topsep 4.5\p@ plus2\p@ minus\p@
1665 \parsep 2\p@ plus\p@ minus\p@
1666 \itemsep \parsep}
1667
1668 \def\@listiii{\leftmargin\leftmarginiii
1669 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1670 \topsep 2\p@ plus\p@ minus\p@
1671 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1672 \itemsep \topsep}
1673
1674 \def\@listiv{\leftmargin\leftmarginiv
1675 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1676
1677 \def\@listv{\leftmargin\leftmarginv
1678 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1679
1680 \def\@listvi{\leftmargin\leftmarginvi
1681 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1682 </11pt>
1683 %
1684 < *12pt>

```

```

1685 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
1686 \topsep 10\p@ plus4\p@ minus6\p@
1687 \itemsep 5\p@ plus2.5\p@ minus\p@}
1688
1689 \let\@listi\@listI
1690 \@listi
1691
1692 \def\@listii{\leftmargin\leftmarginii
1693   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1694   \topsep 5\p@ plus2.5\p@ minus\p@
1695   \parsep 2.5\p@ plus\p@ minus\p@
1696   \itemsep \parsep}
1697
1698 \def\@listiii{\leftmargin\leftmarginiii
1699   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1700   \topsep 2.5\p@ plus\p@ minus\p@
1701   \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1702   \itemsep \topsep}
1703
1704 \def\@listiv{\leftmargin\leftmarginiv
1705   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1706
1707 \def\@listv{\leftmargin\leftmarginv
1708   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1709
1710 \def\@listvi{\leftmargin\leftmarginvi
1711   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1712 \
```

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.

```

1714 \NeedsTeXFormat{LaTeX2e}
1715 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

1716 \thesis@color@setup{
1717   links={HTML}{FFD451},
1718   tableEmph={HTML}{FFD451},
1719   tableOdd={HTML}{FFF9E5},
1720   tableEven={HTML}{FFECB3}}

```

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

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

```

1721 \ifx\thesis@type\thesis@bachelors\else
1722 \ifx\thesis@type\thesis@masters\else
1723   \thesis@blocks@assignment@false
1724 \fi\fi

```

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

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

```

1725 \def\thesis@blocks@titlePage@content{%
1726   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1727   {\thesis@titlePage@large\sc\thesis@@{typeName}}\[\[0.3in]]}
1728   {\thesis@titlePage@Large\bf\thesis@author}
1729   % If this is a rigorous thesis, typeset the name of the
1730   % thesis advisor.
1731   \ifx\thesis@type\thesis@rigorous%
1732     {\thesis@titlePage@large\[\[0.3in]]}
1733     {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
1734   \fi}%
1735 \def\thesis@blocks@titlePage@footer{%
1736   {\thesis@titlePage@large\thesis@place, \thesis@@{semester}}
1737   % If this is a rigorous thesis, create space for the advisor's
1738   % signature
1739   \ifx\thesis@type\thesis@rigorous%
1740     \let\@A\relax\newlength{\@A}
1741     \settowidth{\@A}{\thesis@@{advisorSignature}}
1742     \setlength{\@A}{\@A+1cm}
1743     \hfill\raisebox{-0.5em}{\parbox{\@A}{
1744       \centering
1745       \rule{\@A}{1pt}}\
1746       \thesis@@{advisorSignature}}
1747     }}
1748   \fi}}

```

`\thesis@blocks@declaration` The `\thesis@blocks@declaration` macro typesets the declaration text. Compared to the definition within the style/`mu/base.sty` file, this macro also typesets the advisor's name at the bottom of the page.

```

1749 \def\thesis@blocks@declaration{%
1750   \thesis@blocks@clear%
1751   \begin{alwaysssingle}%
1752     \chapter*{\thesis@@{declarationTitle}}%
1753     \thesis@declaration%
1754     \vskip 2cm%
1755     \hfill\thesis@author%
1756     \par\vfill\noindent%
1757     \textbf{\thesis@@{advisorTitle}:} \thesis@advisor%
1758     \par\vfil%
1759   \end{alwaysssingle}}

```

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

```
1760 \def\thesis@blocks@preamble{%
1761   \thesis@blocks@coverMatter
1762   \thesis@blocks@cover
1763   \thesis@blocks@titlePage
1764   \thesis@blocks@frontMatter
1765   \thesis@blocks@assignment
1766   \thesis@blocks@declaration
1767   \thesis@blocks@thanks
1768   \thesis@blocks@clearRight
1769   \thesis@blocks@abstract
1770   \thesis@blocks@keywords
1771   \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.

```
1772 \NeedsTeXFormat{LaTeX2e}
1773 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
1774 \thesis@color@setup{
1775   links={HTML}{20E366},
1776   tableEmph={HTML}{8EDEAA},
1777   tableOdd={HTML}{EDF7F1},
1778   tableEven={HTML}{CCEDD8}}
```

The file uses Czech locale strings within the macros.

```
1779 \thesis@requireLocale{czech}
```

The file loads the following packages:

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

```
1780 \thesis@require{tikz}
1781 \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.

```
1782 \ifx\thesis@type\thesis@bachelors\else
1783 \ifx\thesis@type\thesis@masters\else
1784   \thesis@blocks@assignment@false
1785 \fi\fi
```

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

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

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

```

1786 \def\thesis@blocks@bibEntry{%
1787   \begin{alwaysingle}%
1788   {% Start the new chapter without clearing the right page
1789   {\def\cleardoublepage{}}%
1790   \chapter*{\thesis@czech@bib@title}}%
1791   % Calculate the width of the columns
1792   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1793     \bf\thesis@czech@bib@author:}}
1794   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1795     \bf\thesis@czech@bib@thesisTitle:}}
1796   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1797     \bf\thesis@czech@bib@programme:}}
1798   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1799     \bf\thesis@czech@bib@field:}}
1800   % Unless this is a rigorous thesis, we will be typesetting the
1801   % name of the thesis advisor.
1802   \let\@E\relax\newlength{\@E}
1803   \ifx\thesis@type\thesis@rigorous%
1804     \setlength{\@E}{0pt}%
1805   \else%
1806     \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}}
1807   \fi%
1808   \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1809     \bf\thesis@czech@bib@academicYear:}}
1810   \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1811     \bf\thesis@czech@bib@pages:}}
1812   \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1813     \bf\thesis@czech@bib@keywords:}}
1814   \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1815   \let\@left\relax\newlength{\@left}\pgfmthsetlength{\@left}{%

```

```

1816      max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1817      \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1818        \textwidth-\@left-\@skip}
1819      % Typeset the table
1820      \renewcommand{\arraystretch}{2}
1821      \noindent\begin{thesis@newtable@old}%
1822        {\@}p{\@left}{\hskip\@skip}p{\@right}{\@}}
1823      \textbf{\thesis@czech@bib@author:} &
1824      \noindent\parbox[t]{\@right}{
1825        \thesis@author\\
1826        \thesis@czech@facultyName,
1827        \thesis@czech@universityName\\
1828        \thesis@department
1829      }\\
1830      \textbf{\thesis@czech@bib@thesisTitle:}
1831      & \thesis@title \\
1832      \textbf{\thesis@czech@bib@programme:}
1833      & \thesis@programme \\
1834      \textbf{\thesis@czech@bib@field:}
1835      & \thesis@field \\
1836      % Unless this is a rigorous thesis, typeset the name of the
1837      % thesis advisor.
1838      \ifx\thesis@type\thesis@rigorous\else%
1839      \textbf{\thesis@czech@bib@advisor:}
1840      & \thesis@advisor \\
1841      \fi
1842      \textbf{\thesis@czech@bib@academicYear:}
1843      & \thesis@academicYear \\
1844      \textbf{\thesis@czech@bib@pages:}
1845      & \thesis@pages \\
1846      \textbf{\thesis@czech@bib@keywords:}
1847      & \thesis@Texkeywords \\
1848      \end{thesis@newtable@old}}
1849      \end{alwaysssingle}}

```

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

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

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

```

1850 \def\thesis@blocks@bibEntryEn{%
1851   {\thesis@selectLocale{english}
1852   \begin{alwaysssingle}
1853     % Start the new chapter without clearing the right page
1854     {\def\cleardoublepage{}%
1855     \chapter*{\thesis@english@bib@title}}%
1856     {% Calculate the width of the columns
1857     \let\@A\relax\newlength{\@A}\settowidth{\@A}{\{%
1858       \bf\thesis@english@bib@author:}}
1859     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\{%
1860       \bf\thesis@english@bib@thesisTitle:}}
1861     \let\@C\relax\newlength{\@C}\settowidth{\@C}{\{%
1862       \bf\thesis@english@bib@programme:}}
1863     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\{%
1864       \bf\thesis@english@bib@field:}}
1865     % Unless this is a rigorous thesis, we will be typesetting
1866     % the name of the thesis advisor.
1867     \let\@E\relax\newlength{\@E}
1868     \ifx\thesis@type\thesis@rigorous%
1869       \setlength{\@E}{0pt}%
1870     \else%
1871       \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1872     \fi%
1873     \let\@F\relax\newlength{\@F}\settowidth{\@F}{\{%
1874       \bf\thesis@english@bib@academicYear:}}
1875     \let\@G\relax\newlength{\@G}\settowidth{\@G}{\{%
1876       \bf\thesis@english@bib@pages:}}
1877     \let\@H\relax\newlength{\@H}\settowidth{\@H}{\{%
1878       \bf\thesis@english@bib@keywords:}}
1879     \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1880     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1881       max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1882     \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1883       \textwidth-\@left-\@skip}
1884     % Typeset the table
1885     \renewcommand{\arraystretch}{2}
1886     \noindent\begin{thesis@newtable@old}%
1887       {@{ }p{\@left}@{\hskip\@skip}p{\@right}@{ }}
1888       \textbf{\thesis@english@bib@author:} &
1889       \noindent\parbox[t]{\@right}{
1890         \thesis@author\\
1891         \thesis@english@facultyName,
1892         \thesis@english@universityName\\
1893         \thesis@departmentEn
1894       }\\
1895       \textbf{\thesis@english@bib@thesisTitle:}
1896       & \thesis@titleEn \\

```

```

1897 \textbf{\thesis@english@bib@programme:}
1898 & \thesis@programmeEn \\
1899 \textbf{\thesis@english@bib@field:}
1900 & \thesis@fieldEn \\
1901 % Unless this is a rigorous thesis, typeset the name of the
1902 % thesis advisor.
1903 \ifx\thesis@type\thesis@rigorous\else%
1904 \textbf{\thesis@english@bib@advisor:}
1905 & \thesis@advisor \\
1906 \fi
1907 \textbf{\thesis@english@bib@academicYear:}
1908 & \thesis@academicYear \\
1909 \textbf{\thesis@english@bib@pages:}
1910 & \thesis@pages \\
1911 \textbf{\thesis@english@bib@keywords:}
1912 & \thesis@TeXkeywordsEn \\
1913 \end{thesis@newtable@old}}
1914 \end{alwaysssingle}
1915 }}

```

`\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.

```

1916 \def\thesis@blocks@frontMatter{%
1917 \pagestyle{empty}
1918 \parindent 1.5em
1919 \setcounter{page}{1}
1920 \pagenumbering{roman}}

```

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

```

1921 \def\thesis@blocks@cover{%
1922 \ifthesis@cover@
1923 \thesis@blocks@clear
1924 \begin{alwaysssingle}
1925 \thispagestyle{empty}
1926 \begin{center}
1927 {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1928 \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1929 \thesis@titlePage@large\thesis@department}
1930 \vfill
1931 {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1932 \vfill
1933 {\thesis@titlePage@large\thesis@place
1934 \thesis@year\hfill\thesis@author}
1935 \end{center}
1936 \end{alwaysssingle}
1937 \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.

```

1938 \def\thesis@blocks@titlePage{%
1939   \thesis@blocks@clear
1940   \begin{alwaysingle}
1941     \thispagestyle{empty}
1942     % The top of the page
1943     \begin{adjustwidth}{-12mm}{}
1944       \begin{minipage}{30mm}
1945         \thesis@blocks@universityLogo@color[width=30mm]
1946       \end{minipage}\begin{minipage}{89mm}
1947         \begin{center}
1948           {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1949             \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1950             \thesis@titlePage@normalsize\thesis@department}
1951           \rule{\textwidth}{2pt}\vspace*{2mm}
1952         \end{center}
1953       \end{minipage}\begin{minipage}{30mm}
1954         \thesis@blocks@facultyLogo@color[width=30mm]
1955       \end{minipage}
1956     \end{adjustwidth}
1957     % The middle of the page
1958     \vfill
1959     \parbox\textwidth{% Prevent vfills from squashing the leading
1960       \bf\thesis@titlePage@Huge\thesis@TeXtitle}
1961     {\thesis@titlePage@Huge\\[0.8em]}
1962     {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
1963     {\bf\thesis@titlePage@LARGE\thesis@author\\}
1964     \vfill\noindent
1965     % The bottom of the page
1966     {\bf\thesis@titlePage@normalsize%
1967       % Unless this is a rigorous thesis, typeset the name of the
1968       % thesis advisor.
1969       \ifx\thesis@type\thesis@rigorous\else%
1970         \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1971       \fi%
1972       \thesis@place\ \thesis@year}
1973   \end{alwaysingle}}

```

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

```

1974 \def\thesis@blocks@preamble{%
1975   \thesis@selectLocale{czech}%
1976   \thesis@blocks@coverMatter
1977   \thesis@blocks@cover
1978   \thesis@blocks@frontMatter
1979   \thesis@blocks@titlePage

```

```

1980 \thesis@blocks@clearRight
1981 \thesis@blocks@bibEntry
1982 \thesis@blocks@bibEntryEn
1983 \thesis@blocks@abstract
1984 \thesis@blocks@abstractEn
1985 \thesis@blocks@assignment
1986 \thesis@blocks@thanks
1987 \thesis@blocks@declaration
1988 \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.

```

1989 \NeedsTeXFormat{LaTeX2e}
1990 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

1991 \thesis@color@setup{
1992   links={HTML}{6FCEF2},
1993   tableEmph={HTML}{78CEF0},
1994   tableOdd={HTML}{EBF6FA},
1995   tableEven={HTML}{D0EBF5}}

```

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

```

1996 \thesis@blocks@titlePage@department@true
1997 \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.

```

1998 \def\thesis@blocks@preamble{%
1999   \thesis@blocks@coverMatter
2000   \thesis@blocks@cover
2001   \thesis@blocks@titlePage
2002   \thesis@blocks@frontMatter
2003   \thesis@blocks@declaration
2004   \thesis@blocks@thanks
2005   \thesis@blocks@tables}

```

3.6.6 The style files of the Faculty of Education

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

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

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

ments published at the website of the faculty⁴.

```
2006 \NeedsTeXFormat{LaTeX2e}
2007 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2008 \thesis@color@setup{
2009   links={HTML}{FFA02F},
2010   tableEmph={HTML}{FFBB6B},
2011   tableOdd={HTML}{FFF1E0},
2012   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.

```
2013 \thesis@blocks@titlePage@department@true
2014 \def\thesis@blocks@titlePage@content{%
2015   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2016   {\thesis@titlePage@large\sc\thesis@@{typeName}}\[\[0.3in]]}
2017   {\thesis@titlePage@Large\bf\thesis@author}
2018   % Typeset the name of the thesis advisor.
2019   {\thesis@titlePage@large\[\[0.3in]
2020     {\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

```
2021 \def\thesis@blocks@bibEntry{%
2022   \chapter*{\thesis@@{bib@title}}
2023   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2024   \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
2025   \thesis@@{facultyName}, \thesis@department, \thesis@year.
2026   \thesis@pages\ \thesis@@{bib@pages}.
2027   \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.

```
2028 \def\thesis@blocks@preamble{%
2029   \thesis@blocks@coverMatter
2030   \thesis@blocks@cover
2031   \thesis@blocks@titlePage
2032   \thesis@blocks@frontMatter
2033   \thesis@blocks@bibEntry
2034   \thesis@blocks@clearRight
2035   \thesis@blocks@abstract}
```

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

```

2036 \thesis@blocks@abstractEn
2037 \thesis@blocks@keywords
2038 \thesis@blocks@keywordsEn
2039 \thesis@blocks@declaration
2040 \thesis@blocks@thanks
2041 \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.

```

2042 \NeedsTeXFormat{LaTeX2e}
2043 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2044 \thesis@color@setup{
2045   links={HTML}{58EDD7},
2046   tableEmph={HTML}{69D6C6},
2047   tableOdd={HTML}{E3F1EE},
2048   tableEven={HTML}{C5E3DF}}

```

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

```

2049 \def\thesis@blocks@frontMatter{%
2050   \pagestyle{plain}
2051   \parindent 1.5em
2052   \setcounter{page}{1}
2053   \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.

```

2054 \def\thesis@blocks@preamble{%
2055   \thesis@blocks@coverMatter
2056   \thesis@blocks@cover
2057   \thesis@blocks@titlePage
2058   \thesis@blocks@frontMatter
2059   \thesis@blocks@clearRight
2060   \thesis@blocks@abstract

```

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

```

2061 \thesis@blocks@abstractEn
2062 \thesis@blocks@keywords
2063 \thesis@blocks@keywordsEn
2064 \thesis@blocks@assignment
2065 \thesis@blocks@declaration
2066 \thesis@blocks@thanks
2067 \thesis@blocks@tables}

```

3.6.8 The style files of the Faculty of Law

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

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

```

2068 \NeedsTeXFormat{LaTeX2e}
2069 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2070 \thesis@color@setup{
2071   links={HTML}{CF86EB},
2072   tableEmph={HTML}{D39BE8},
2073   tableOdd={HTML}{F2EBF5},
2074   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.

```

2075 \def\thesis@blocks@cover@header{%
2076   {\sc\thesis@titlePage@Large\thesis@{@facultyLongName}}\%
2077   \thesis@titlePage@large\thesis@department\\vskip 2em}}
2078 \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.

```

2079 \def\thesis@blocks@frontMatter{%
2080   \thesis@blocks@clear
2081   \pagestyle{plain}
2082   \parindent 1.5em
2083   \setcounter{page}{1}
2084   \pagenumbering{arabic}}

```

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

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

```
2085 \def\thesis@blocks@mainMatter{%
2086   \thesis@blocks@clear
2087   \pagestyle{thesisheadings}
2088   \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.

```
2089 \def\thesis@blocks@preamble{%
2090   \thesis@blocks@coverMatter
2091   \thesis@blocks@cover
2092   \thesis@blocks@titlePage
2093   \thesis@blocks@frontMatter
2094   \thesis@blocks@declaration
2095   \thesis@blocks@clearRight
2096   \thesis@blocks@abstract
2097   \thesis@blocks@abstractEn
2098   \thesis@blocks@keywords
2099   \thesis@blocks@keywordsEn
2100   \thesis@blocks@thanks
2101   \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.

```
2102 \def\thesis@blocks@postamble{%
2103   \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.

```
2104 \NeedsTeXFormat{LaTeX2e}
2105 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2015/12/08]
```

The file defines the color scheme of the respective faculty.

```
2106 \thesis@color@setup{
2107   links={HTML}{F27995},
2108   tableEmph={HTML}{E8B88B},
2109   tableOdd={HTML}{F5ECEB},
2110   tableEven={HTML}{EBD8D5}}
```

The file loads the following packages:

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

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

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

```
2111 \thesis@require{tikz}
2112 \thesis@require{geometry}
2113 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2114 \def\thesis@blocks@cover{%
2115   \ifthesis@cover@
2116     \thesis@blocks@clear
2117     \begin{alwaysingle}
2118       \thispagestyle{empty}
2119       \begin{center}
2120         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\%
2121         \thesis@titlePage@Large\thesis@@{facultyName}}\%
2122         \vfill
2123         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2124         \vfill
2125         {\thesis@titlePage@large\thesis@place
2126          \ \thesis@year\hfill\thesis@author}
2127       \end{center}
2128     \end{alwaysingle}
2129   \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.

```
2130 \thesis@blocks@titlePage@field@true
2131 \def\thesis@blocks@titlePage@content{%
2132   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2133   \ifthesis@english\else
2134     {\ll[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2135   \fi {\ll[0.3in]\thesis@titlePage@large\sc\thesis@@{typeName}}\%
2136 \def\thesis@blocks@titlePage@footer{%
2137   {\thesis@titlePage@large
2138     {% Calculate the width of the thesis author and advisor boxes
2139       \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2140         \bf\thesis@@{advisorTitle}:}}
2141       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2142       \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2143         \bf\thesis@@{authorTitle}:}}
2144       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
```

```

2145 \let\left\relax\newlength{\left}\pgfmithsetlength{\left}{%
2146     max(\@A,\@B)}
2147 \let\right\relax\newlength{\right}\pgfmithsetlength{\right}{%
2148     max(\@C,\@D)}
2149 % Typeset the thesis author and advisor boxes
2150 \vskip 2in\begin{minipage}[t]{\left}
2151     {\bf\thesis@{advisorTitle}:}\thesis@advisor
2152 \end{minipage}\hfill\begin{minipage}[t]{\right}
2153     {\bf\thesis@{authorTitle}:}\thesis@author
2154 \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.

```

2155 \def\thesis@blocks@frontMatter{%
2156     \thesis@blocks@clear
2157     % In case of double-sided typesetting, change the geometry
2158     \ifthesis@twoside@
2159         \newgeometry{top=25mm,bottom=20mm,left=35mm,
2160             right=15mm, includeheadfoot}
2161     \fi\pagestyle{empty}
2162     \parindent 1.5em
2163     \setcounter{page}{1}
2164     \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.

```

2165 \def\thesis@blocks@mainMatter{%
2166     \thesis@blocks@clear
2167     \pagestyle{thesisheadings}
2168     \parindent 1.5em\relax}

```

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

```

2169 \def\thesis@blocks@toc{%
2170     \thesis@blocks@clear%
2171     \tableofcontents}

```

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

```

2172 \def\thesis@blocks@tables{%
2173     \thesis@blocks@clear%
2174     \thesis@blocks@lot%
2175     \thesis@blocks@lof}

```

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

```

2176 \ifx\thesis@blocks@lot\empty\else
2177   \def\thesis@blocks@lot{%
2178     \thesis@blocks@clear
2179     \phantomsection
2180     \addcontentsline{toc}{chapter}{\listtablename}%
2181     \listoftables}
2182 \fi
2183
2184 \ifx\thesis@blocks@lof\empty\else
2185   \def\thesis@blocks@lof{%
2186     \thesis@blocks@clear
2187     \phantomsection
2188     \addcontentsline{toc}{chapter}{\listfigurename}%
2189     \listoffigures}
2190 \fi

```

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

```

2191 \def\thesis@blocks@preamble{%
2192   \thesis@blocks@coverMatter
2193   \thesis@blocks@cover
2194   \thesis@blocks@frontMatter
2195   \thesis@blocks@titlePage
2196   \thesis@blocks@assignment
2197   \thesis@blocks@clearRight
2198   \thesis@blocks@abstract
2199   \thesis@blocks@abstractEn
2200   \thesis@blocks@keywords
2201   \thesis@blocks@keywordsEn
2202   \thesis@blocks@declaration
2203   \thesis@blocks@thanks
2204   \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.

```

2205 \def\thesis@blocks@postamble{%
2206   \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.

```

2207 \NeedsTeXFormat{LaTeX2e}
2208 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2015/12/08]

```

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

The file defines the color scheme of the respective faculty.

```
2209 \thesis@color@setup{
2210   links={HTML}{F58E76},
2211   tableEmph={HTML}{FF9D85},
2212   tableOdd={HTML}{FFF5F6},
2213   tableEven={HTML}{FFDEDF}}
```

The file loads the following packages:

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

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

```
2214 \thesis@require{tikz}
2215 \thesis@require{geometry}
2216 \thesis@require{setspace}
2217 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2218 \def\thesis@blocks@cover{%
2219   \ifthesis@cover@
2220     \thesis@blocks@clear
2221     \begin{alwaysingle}
2222       \thispagestyle{empty}
2223       \begin{center}
2224         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\\
2225         \thesis@titlePage@Large\thesis@@{facultyName}\\
2226         \vfill
2227         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2228         \vfill
2229         {\thesis@titlePage@large\thesis@place
2230          \ \thesis@year\hfill\thesis@author}
2231       \end{center}
2232     \end{alwaysingle}
2233   \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.

```
2234 \def\thesis@blocks@titlePage@content{%
2235   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
2236   {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}}
2237 \def\thesis@blocks@titlePage@footer{%
2238   {\thesis@titlePage@large
```

```

2239 {% Calculate the width of the thesis author and advisor boxes
2240 \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2241 \bf\thesis@{advisorTitle}:}}
2242 \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2243 \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2244 \bf\thesis@{authorTitle}:}}
2245 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2246 \let\@E\relax\newlength{\@E}\settowidth{\@E}{%
2247 \bf\thesis@{fieldTitle}:}}
2248 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
2249 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2250 max(\@A,\@B)}
2251 \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2252 max(\@C,\@D,\@E,\@F)}
2253 % Typeset the thesis author and advisor boxes
2254 \vskip 2in\begin{minipage}[t]{\@left}
2255 {\bf\thesis@{advisorTitle}:}\thesis@advisor
2256 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2257 {\bf\thesis@{authorTitle}:}\thesis@author
2258 \ll[1em]{\bf\thesis@{fieldTitle}:}\thesis@field
2259 \end{minipage}}\ll[4em]\thesis@place, \thesis@{semester}}

```

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

```

2260 \def\thesis@blocks@frontMatter{%
2261 \thesis@blocks@clear
2262 % In case of double-sided typesetting, change the geometry
2263 \ifthesis@twoside@
2264 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2265 right=15mm, includeheadfoot}
2266 \fi\pagestyle{empty}
2267 \parindent 1.5em
2268 \setcounter{page}{1}
2269 \pagenumbering{roman}}

```

`\thesis@blocks@mainMatter` The `\thesis@blocks@mainMatter` macro sets up the style of the main matter of the thesis. The leading is adjusted in accordance with the requirements of the faculty.

```

2270 \def\thesis@blocks@mainMatter{%
2271 \thesis@blocks@clear
2272 \setcounter{page}{1}
2273 \pagenumbering{arabic}
2274 \pagestyle{thesisheadings}
2275 \parindent 1.5em
2276 \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

```

2277 \def\thesis@blocks@bibEntry{%
2278   \chapter*{\thesis@{bib@title}}
2279   \noindent\thesis@upper{author@tail}, \thesis@author@head.
2280   \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2281   \thesis@{facultyName}, \thesis@department, \thesis@year.
2282   \thesis@pages\ \thesis@{bib@pages}.
2283   \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.

```

2284 \def\thesis@blocks@preamble{%
2285   \thesis@blocks@coverMatter
2286   \thesis@blocks@cover
2287   \thesis@blocks@frontMatter
2288   \thesis@blocks@titlePage
2289   \onehalfspacing
2290   \thesis@blocks@clearRight
2291   \thesis@blocks@abstract
2292   \thesis@blocks@abstractEn
2293   \thesis@blocks@keywords
2294   \thesis@blocks@keywordsEn
2295   \thesis@blocks@bibEntry
2296   \thesis@blocks@declaration
2297   \thesis@blocks@thanks
2298   \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.

```

2299 \NeedsTeXFormat{LaTeX2e}
2300 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2015/12/08]

```

The file defines the color scheme of the respective faculty.

```

2301 \thesis@color@setup{
2302   links={HTML}{93BCF5},
2303   tableEmph={HTML}{A8BDE3},
2304   tableOdd={HTML}{EBEFF5},
2305   tableEven={HTML}{D1DAEB}}

```

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

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

```
2306 \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.

```
2307 \def\thesis@blocks@preamble{%
2308   \thesis@blocks@coverMatter
2309   \thesis@blocks@cover
2310   \thesis@blocks@titlePage
2311   \thesis@blocks@frontMatter
2312   \thesis@blocks@declaration
2313   \thesis@blocks@thanks
2314   \thesis@blocks@tables}
```

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Change History

v0.0

General: bachelor project of Daniel

Marek under supervision of

Petr Sojka 1

v0.0a	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing	1	v0.2.07	General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP] \MainMatter should be placed after \tablesofcontents [PS] . . .	1
v0.1	General: new release, documentation editing (CZ only, sorry) [PS]	1	v0.2.08	General: add change of University name [JP]	1
v0.1a	General: minor documentation changes (CZ only, sorry) [PS] . . .	1	v0.2.09	General: add EN version of University name [JP]	1
v0.1b	General: change of default size (11pt→12pt) [JP]	1	v0.2.10	General: fix EN name of Acknowledgement [JP]	1
v0.1c	General: default values of \facultyname and \@thesisstitle set for backward compatibility) [PS]	1	v0.2.11	General: fix missing fi-logo.mf [JP,PS]	1
v0.1d	General: removed def schapter from fit1*.clo [JP]	1	v0.2.12	General: Licence change to the LPPL [JP]	1
v0.1e	General: add Brno to MU title [JP] . .	1	v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. http://github.com/liskin/fithesis . .	1
v0.1f	General: add documentation for hyperref [JP]	1	v0.3.00	General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typographic elements [VN] . . .	1
v0.1g	General: change of default size (12pt→11pt) [JP]	1	v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN]	1
v0.2.00	General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP]	1	v0.3.02	General: PDF metadata stamping added for \thesisstitle and \thesisstudent [VN]	1
v0.2.01	General: add subsubsection to toc [JP]	1	v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and	
v0.2.02	General: fix encoding bug [JP]	1			
v0.2.03	General: fix title spacing [PS, JP] . . .	1			
v0.2.04	General: fix SK declaration [Peter Cerensky, JP]	1			
v0.2.05	General: add English abstract [JP] . .	1			
v0.2.06	General: fix : behind Advisor [JP] . .	1			

	fitthesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS]	1
v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN]	1
v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodeLineIndex typesetting. Added information about the usage of fitthesis1 and fitthesis2 on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fitthesis forums [PS] (backport of v0.2.15@r14:15)	1
v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN]	1
v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN]	1
v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)	
	Fixed mostly documentation errors reported at the new fitthesis 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 withing the definition of \thesis@blocks@frontMatter in the fss style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted. 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	v0.3.16 General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN] 1
v0.3.14 General: Updated the documentation. [VN] 1	v0.3.17 General: Changed a forgotten \thesis@@lower{...} invocation in the definition of \thesis@czech@declaration for the Faculty of Arts into \thesis@@lower{czech@...}, so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] . . 1
v0.3.15 General: Renamed \thesis@requireStyle to \thesis@requireWithOptions and moved the style loader from the \thesis@load routine to a new \thesis@requireStyle macro to make the semantics of \thesis@requireLocale and \thesis@requireStyle more similar. Changed the basepath, logopath, localepath and stylepath keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] 1	v0.3.18 General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output fithesis3.ctan.zip archive. Updated the license notice. Added a README file. Canonicalized a url within the user guides. Renamed the root directory from fithesis3/ to fithesis/. Refactored the makefiles. Added developer example files. Renamed docstrip.cfg to LICENSE.tex to better describe its role. The fithesis.dtx file now generates a VERSION.tex file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN] 1
	v0.3.19 General: Updated the license. Added the fithesis- prefix to locale files. Proof-read and updated the document-

	tation. Encapsulated the localeInheritance and styleInheritance setters. Added the <code>\thesis@selectLocale{...}</code> , which acts as a replacement for <code>\def\thesis@locale{...}</code> , which also switches hyphenation patterns. The macro definitions inside locale files are now global to account for the fact that it now makes sense to include locale files on-site (and therefore possibly inside a group) using the <code>\thesis@selectLocale</code> . The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN]	1
v0.3.20	General: Removed an extraneous <code>\hypersetup</code> option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN]	1
v0.3.21	General: Fixed an invalid font name. [VN]	1
v0.3.22	General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN]	1
v0.3.23	General: Fixed a typo in the Slovak locale. [VN]	1
v0.3.24	General: Added the <code>\thesis@backend</code> tunable. The hyphenation pattern switching now uses polyglossia instead of crude <code>\language</code> switching whenever possible. Added the opt-out microtype class option, which loads the microtypographic extension. The <code>\thesis@locale@summer</code> and <code>@winter</code> locale macros were renamed to <code>@spring</code> and <code>@fall</code> . The <code>\thesis@parseDate</code> now uses more realistic month ranges to set <code>\thesis@season</code> and <code>\thesis@academicYear</code> . Removed the extraneous indent in the <code>\thesis@blocks@declaration</code> macro definition within the <code>style/mu/fithesis-fi.sty</code> style file. <code>\paragraphs</code> are not included in the table of contents by default. The table class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the <code>style/mu/fithesis-econ.sty</code> style file. [VN]	1
v0.3.25	General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] . . .	1
v0.3.26	General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code> . [VN]	1
v0.3.27:1	General: Fixed a typo in the guide. Added a compatibility layer for <code>\title</code> , <code>\author</code> , and <code>\maketitle</code> . Minor changes of the documentation. [VN]	1
v0.3.27:2	General: <code>\thesis@selectLocale</code> is no longer performed globally for the entire document during <code>\thesis@load</code> (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's <code>\language</code> differs from <code>\thesis@locale</code>). Instead, <code>\thesis@preamble</code>	

	and @postamble now locally switch the locale and expand \thesis@blocks@preamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files. [VN]	1	now also takes an optional argument and the \thesis@require-WithOption command has become \thesis@require-IfExists. [VN]	1	
v0.3.27:3	General: As a preparation for the future inclusion of bibliography support, the csquotes package is loaded, @csquotesStyle is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style. [VN]	1	v0.3.28:2	General: If the thesis locale and the document locale is the same (the default behaviour), the \thesis@selectLocale macro is applied globally at the beginning of the document. As a result, the csquotes style is automatically set for the entire document. [VN]	1
v0.3.27:4	General: \thesis@english@declaration now uses the correct idiom (by one's own → on one's own). [VN]	1	v0.3.29:1	General: The initial pages of the styles of the Masaryk University in Brno are no longer page-numbered, so that hyperref links work correctly. [VN]	1
v0.3.27:5	General: The PDF bookmarks are no longer garbled, when the LuaTeX engine is used. [VN]	1	v0.3.29:2	General: The printed and digital class options, which set all the options appropriate for either the printed or the digital versions of a document, are now available for the style files of the Masaryk University in Brno. [VN]	1
v0.3.28:1	General: The draft option has no longer an effect on the microtype package. The \thesis@require command		v0.3.29:3	General: The table class option for the style files of the Masaryk University in Brno now loads all the required packages and changes the table measurements even when the color option is not specified. [VN]	1