

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

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## Abstract

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

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## 1 Required classes and packages

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

```

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

```

The class also requires the following packages:

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

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

```

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

```

## 2 Public API

### 2.1 Options

Any `[<options>]` passed to the class will be handed down to the loaded style files. The supported options are therefore documented in the subsections of Section 3.5

dedicated to the respective style files. At the moment, all options are processed by the `style/mu/fithesis-base.sty` style file documented in Section 3.5.2.2.

## 2.2 The `\thesissetup` macro

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

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

### 2.2.1 The `basePath` key

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

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

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

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

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

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

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

```

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

```

## \thesis@localepath 2.2.4 The localePath key

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

```

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

```

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

```

34 \def\thesis@subdir#1#2#3#4\empty{%
35   \ifx#1\empty%           <empty> -> <basepath>
36     \thesis@basepath
37   \else
38     \if#1/%
39       \ifx#2\empty%       / -> /
40       /%
41     \else%                /<path> -> /<path>/
42       #1#2#3#4/%
43     \fi
44   \else
45     \if#1.%
46       \ifx#2\empty%       . -> ./
47       ./%
48     \else
49       \if#2.%
50         \ifx#3\empty%     .. -> ../
51         ../%
52       \else
53         \if#3/%           ../<path> -> ../<path>/
54         ../#4/%
55       \else
56         \thesis@basepath#1#2#3#4/%
57       \fi
58     \fi
59   \else
60     \if#2/%               ./<path> -> ./<path>/
61     ./#3#4/%
62   \else

```

```

63         \thesis@basepath#1#2#3#4/%
64     \fi
65     \fi
66     \fi
67     \else
68         \thesis@basepath#1#2#3#4/%
69     \fi
70     \fi
71 \fi}

```

`\thesis@def` The `\thesis@def[<key>][<name>]` macro defines the `\thesis@name` macro to expand to either «*key*», if specified, or to «*name*». The macro serves to provide placeholder strings for macros with no default value.

```

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

```

#### `\thesis@declaration` **2.2.5 The declaration key**

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

```

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

```

#### `\ifthesis@woman` **2.2.6 The gender key**

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

```

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

```

#### `\thesis@author` **2.2.7 The author key**

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

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

`\author` The standard L<sup>A</sup>T<sub>E</sub>X `\author` macro also sets this key.

```

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

```

## `\thesis@id` 2.2.8 The id key

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

```

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

```

## `\thesis@type` 2.2.9 The type key

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

The thesis type	The value of <i>type</i>
Seminar paper	sem
Bachelor’s thesis	bc
Master’s thesis	mgr
Thesis proposal	prop
Doctoral thesis	d
Rigorous thesis	r

The *type* is stored within the `\thesis@type` macro, whose implicit value is `bc`. For the ease of testing of the thesis type via `\ifx` conditions within style and locale files, the `\thesis@sempaper`, `\thesis@bachelors`, `\thesis@masters`,

```

\thesis@sempaper
\thesis@bachelors
\thesis@masters

```



`\thesis@proposal`, `\thesis@doctoral` and `\thesis@rigorous` macros containing the corresponding *type* values are available as a part of the private API.

```
\thesis@proposal 101 \def\thesis@sempaper{sem}
\thesis@doctoral 102 \def\thesis@bachelors{bc}
\thesis@rigorous 103 \def\thesis@masters{mgr}
                  104 \def\thesis@proposal{prop}
                  105 \def\thesis@doctoral{d}
                  106 \def\thesis@rigorous{r}
                  107 \let\thesis@type\thesis@bachelors
                  108 \define@key{thesis}{type}{%
                  109   \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.

```
110 \def\thesis@university{mu}
111 \define@key{thesis}{university}{%
112   \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`.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

129 \define@key{thesis}{field}{%
130   \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.

```

131 \thesis@def{fieldEn}
132 \define@key{thesis}{fieldEn}{%
133   \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<sub>E</sub>X directory structure. The logo file is loaded from the `\thesis@logopath\thesis@universityLogo` path.

```

134 \def\thesis@universityLogo{fithesis-base}
135 \define@key{thesis}{universityLogo}{%
136   \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<sub>E</sub>X directory structure. The logo file is loaded from the `\thesis@logopath\thesis@facultyLogo` path.

```

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

```

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

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

```

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

```

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

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

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

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

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

```
153 \def\thesis@locale{%
154   % Babel / polyglossia detection
155   \ifx\language\undefined
156     english\else\language\fi}
157 \define@key{thesis}{locale}{%
158   \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.

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

```

169     false%
170 \fi\endcsname}

```

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

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

```

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

```

## 2.2.24 The date key

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

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

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

```

181 \def\thesis@parseDate#1/#2/#3|{{
182   % Set the basic macros
183   \gdef\thesis@date{#1/#2/#3}%
184   \gdef\thesis@year{#1}%
185   \gdef\thesis@month{#2}%
186   \gdef\thesis@day{#3}%
187
188   % Set the season
189   \newcount\@month\expandafter\@month\thesis@month\relax
190   \ifnum\@month>8\gdef\thesis@season{fall}
191   \else\ifnum\@month<3\gdef\thesis@season{fall}
192   \else \gdef\thesis@season{spring}
193   \fi\fi
194
195   % Set the academic year
196   \newcount\@year\expandafter\@year\thesis@year\relax
197   \ifnum\@month>8%
198     \edef\@yearA{\the\@year}%
199     \advance\@year 1\edef\@yearB{\the\@year}%
200     \advance\@year-1
201   \else
202     \advance\@year-1\edef\@yearA{\the\@year}%
203     \advance\@year 1\edef\@yearB{\the\@year}%
204   \fi
205   \global\edef\thesis@academicYear{\@yearA/\@yearB}
206
207   % Set the season year
208   \ifnum\@month>2\else
209     \advance\@year-1
210   \fi
211   \global\edef\thesis@seasonYear{\the\@year}}
212
213 \edef\thesis@date{\the\year/\the\month/\the\day}%
214 \expandafter\thesis@parseDate\thesis@date|
215
216 \define@key{thesis}{date}{{}%
217   \edef\@date{#1}%
218   \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.

```

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

```

```
221 \def\thesis@place{#1}}
```

### `\thesis@title` 2.2.26 The `title` key

The `{\title=title}}` pair sets the title of the thesis to *title*. The *title* is stored within the `\thesis@title` macro. The standard L<sup>A</sup>T<sub>E</sub>X `\title` macro also sets this key.

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

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

```
226 \let\maketitle\relax
```

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

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

```
227 \def\thesis@TeXtitle{\thesis@title}
228 \define@key{thesis}{TeXtitle}{%
229   \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.

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

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

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

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

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

```
239 \def\thesis@TeXkeywords{\thesis@keywords}  
240 \define@key{thesis}{TeXkeywords}{%  
241   \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.

```
242 \thesis@def{keywordsEn}  
243 \define@key{thesis}{keywordsEn}{%  
244   \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.

```
245 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}  
246 \define@key{thesis}{TeXkeywordsEn}{%  
247   \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.

```
248 \thesis@def{abstract}  
249 \long\def\KV@thesis@abstract#1{%  
250   \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.

```
251 \thesis@def{abstractEn}
252 \long\def\KV@thesis@abstractEn#1{%
253   \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.

```
254 \thesis@def{advisor}
255 \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.

```
256 \long\def\KV@thesis@thanks#1{%
257   \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.

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

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

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

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

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

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

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

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

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

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

`\thesis@blocks@mainMatter` Before leaving the group, the `\thesis@preamble` macro clears the page. After leaving the group, the `\thesis@preamble` macro sets up the style of the main matter by expanding the `\thesis@blocks@mainMatter` macro. All the aforementioned `@block@` macros are defined as `\relax` and are subject to redefinition by the loaded style files.

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

## 2.3 The `\thesislong` macro

`\thesislong` The public macro `\thesislong{<key>}{<value>}`, can be used as an alternative to the `\thesissetup{<key> = {<value>}}` public macro:

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

This macro is a relict of the time when `\thesissetup` did not accept multi-paragraph input.

## 2.4 The `\thesisload` macro

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

```
285 \newif\ifthesis@loaded\thesis@loadedfalse
286 \BeforeBeginEnvironment{document}{\thesisload}
287 \def\thesis@load{\thesisload}
288 \def\thesisload{%
289   \ifthesis@loaded\else
290     \thesis@loadedtrue
291     \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.

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

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

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

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

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

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

```
304   \ifx\language\empty\else
305     \begingroup
306     \edef\@doclocale{\language}%
307     \ifx\@doclocale\thesis@locale
308       \endgroup
309       \AtBeginDocument{%
310         \thesis@selectLocale{\thesis@locale}}%
311   \else
312     \endgroup
```

```

313     \fi
314 \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 `2017/05/07 v0.3.43 fithesis3 MU thesis class`.

```

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

```

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

```

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

```

## 3 Private API

### 3.1 File manipulation macros

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

```

334 \def\thesis@exists#1#2{%
335     \IfFileExists{#1}{#2}{%
336         \ClassWarning{fithesis3}{File #1 doesn't exist}}}

```

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

```

337 \def\thesis@input#1{%
338   \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.

```

339 \newcommand\thesis@require[2][{}]{%
340   \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.

```

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

```

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

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

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

```

343 \def\thesis@requireStyle#1{%
344   \ifthesis@style@inheritance
345     \thesis@requireIfExists{\thesis@stylepath fithesis-base}%
346     \thesis@requireIfExists{\thesis@stylepath\thesis@university
347       /fithesis-base}
348   \fi
349   \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.

```

350 \def\thesis@requireLocale#1{%
351   % Ignore redundant requests
352   \expandafter\ifx\csname thesis@#1@required\endcsname\relax
353   \expandafter\def\csname thesis@#1@required\endcsname{%
354     \@ifpackageloaded{polyglossia}{\setotherlanguage{#1}}{}
355     \thesis@input{\thesis@localepath fithesis-#1.def}%
356     \ifthesis@locale@inheritance
357       \thesis@input{\thesis@localepath\thesis@university/%
358         fithesis-#1.def}%
359       \thesis@input{\thesis@localepath\thesis@university/%
360         \thesis@faculty/fithesis-#1.def}%
361     \fi
362   \fi}

```

### 3.2 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.

```
363 \def\thesis@#1{\csname thesis@#1\endcsname}
```

`\thesis@{name}` 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.

```
364 \def\thesis@@#1{\thesis@{\thesis@locale @#1}}
```

<code>\thesis@lower</code> <code>\thesis@upper</code>	<p>The <code>\thesis@lower</code> and <code>\thesis@upper</code> macros are used for upper- and lowercasing within locale files. To cast the <code>\thesis@name</code> macro to the lower- or uppercase, <code>\thesis@lower{name}</code> or <code>\thesis@upper{name}</code> would be used, respectively. The <i>name</i> gets fully expanded and can therefore contain active characters and command sequences.</p>
--	---

[illegible]

\thesis@lower \thesis@upper	The \thesis@lower and \thesis@upper macros are used for upper- and lowercasing current <i>locale</i> strings within style files. To cast the \thesis@locale@name
--------------------------------	--

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

```
377 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
378 \def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}}
```

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

```
379 \def\thesis@head#1 #2{%
380   \ifx\relax#2%
381     \expandafter\@gobbletwo
382   \else
383     \ #1%
384   \fi
385   \thesis@head#2}%
386 \def\thesis@tail#1 #2{%
387   \ifx\relax#2%
388     #1%
389   \expandafter\@gobbletwo
390   \fi
391   \thesis@tail#2}%
```

### 3.3 General purpose macros

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

```
392 \ifx\thesis@pages\undefined\def\thesis@pages{??}\fi
```

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

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

```
393 \def\thesis@selectLocale#1{%
394   \edef\thesis@locale{#1}%
395   \ltx@ifpackageloaded{csquotes}{%
396     \csq@setstyle{\thesis@@{csquotesStyle}}%
397   }{}%
398   \ltx@ifpackageloaded{polyglossia}{%
399     \selectlanguage{\thesis@locale}
400   }{%
401     \language\csname l@thesis@locale\endcsname
402   }}
```

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

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

```

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

```

### 3.4 Locale files

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

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

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

#### 3.4.1 Interface

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

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



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

where *locale* is the name of the locale.

### 3.4.2 English locale files

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

This is the base file of the English locale.

```
418 \ProvidesFile{fithesis/locale/fithesis-english.def}[2016/05/25]
```

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

```
419
420 % Placeholders
421 \gdef\thesis@english@universityName{University name}
422 \gdef\thesis@english@facultyName{Faculty name}
423 \gdef\thesis@english@assignment{%
424   \ifthesis@digital@
425     This is where a copy of the official signed thesis assignment
426     is located in the printed version of the document.
427   \else
428     Replace this page with a copy of the official signed thesis
429     assignment.
430   \fi}
431 \gdef\thesis@english@declaration{Declaration text ...}
432
433 % Csquotes style
434 \gdef\thesis@english@csquotesStyle{english}
435
436 % Time strings
437 \gdef\thesis@english@spring{Spring}
```

```

438 \gdef\thesis@english@fall{Fall}
439 \gdef\thesis@english@semester{%
440   \thesis@{english@\thesis@season} \thesis@seasonYear}
441
442 % Miscellaneous
443 \gdef\thesis@english@fieldTitle{Field of study}
444 \gdef\thesis@english@advisorTitle{Advisor}
445 \gdef\thesis@english@authorTitle{Author}
446 \gdef\thesis@english@abstractTitle{Abstract}
447 \gdef\thesis@english@keywordsTitle{Keywords}
448 \gdef\thesis@english@thanksTitle{Acknowledgement}
449 \gdef\thesis@english@declarationTitle{Declaration}
450 \gdef\thesis@english@idTitle{ID}
451 \gdef\thesis@english@typeName@sempaper{Seminar Paper}
452 \gdef\thesis@english@typeName@bachelors{Bachelor's Thesis}
453 \gdef\thesis@english@typeName@masters{Master's Thesis}
454 \gdef\thesis@english@typeName@proposal{Thesis Proposal}
455 \gdef\thesis@english@typeName@doctoral{Doctoral Thesis}
456 \gdef\thesis@english@typeName@rigorous{Rigorous Thesis}
457 \gdef\thesis@english@typeName{%
458   \ifx\thesis@type\thesis@sempaper
459     \thesis@english@typeName@sempaper
460   \else\ifx\thesis@type\thesis@bachelors
461     \thesis@english@typeName@bachelors
462   \else\ifx\thesis@type\thesis@masters
463     \thesis@english@typeName@masters
464   \else\ifx\thesis@type\thesis@proposal
465     \thesis@english@typeName@proposal
466   \else\ifx\thesis@type\thesis@doctoral
467     \thesis@english@typeName@doctoral
468   \else\ifx\thesis@type\thesis@rigorous
469     \thesis@english@typeName@rigorous
470   \else
471     <<Unknown thesis type (\thesis@type)>>%
472   \fi\fi\fi\fi\fi\fi}

```

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

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

```

473 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2016/03/22]
474 \gdef\thesis@english@universityName{Masaryk University}
475 \gdef\thesis@english@declaration{%
476   Hereby I declare that this paper is my original authorial work,
477   which I have worked out on my own. All sources, references, and
478   literature used or excerpted during elaboration of this work are
479   properly cited and listed in complete reference to the due source.}
480
481 % Bibliographic entry

```

```

482 \gdef\thesis@english@bib@title{Bibliographic record}
483 \gdef\thesis@english@bib@pages{p}
484
485 % Miscellaneous
486 \gdef\thesis@english@idTitle{UČO}

```

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

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

```

487 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
488 \gdef\thesis@english@facultyName{Faculty of Law}
489 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
490 Masaryk University}

```

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

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

```

491 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
492
493 % Placeholders
494 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
495
496 % Miscellaneous
497 \gdef\thesis@english@fieldTitle{Specialization}

```

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

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

```

498 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2016/05/25]
499
500 % Placeholders
501 \gdef\thesis@english@facultyName{Faculty of Social Studies}
502 \gdef\thesis@english@assignment{%
503   \ifthesis@digital@
504     This is where a copy of the official signed thesis assignment
505     or a copy of the Statement of an Author or both are located
506     in the printed version of the document.
507   \else
508     Replace this page with a copy of the official signed thesis
509     assignment or a copy of the Statement of an Author or both,
510     depending on the requirements of the respective department.

```

```
511 \fi}
```

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

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

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

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

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

```
515 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2016/03/23]
516
517 % Miscellaneous
518 \gdef\thesis@english@abstractTitle{Annotation}
519
520 % Placeholders
521 \gdef\thesis@english@facultyName{Faculty of Medicine}
```

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

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

```
522 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2016/05/25]
523
524 % Placeholders
525 \gdef\thesis@english@facultyName{Faculty of Informatics}
526 \gdef\thesis@english@assignment{Replace this page with a copy
527 of the official signed thesis assignment and a copy of the
528 Statement of an Author.}
529 \gdef\thesis@english@assignment{%
530 \ifthesis@digital@
531 This is where a copy of the official signed thesis assignment
532 and a copy of the Statement of an Author is located in the
533 printed version of the document.
534 \else
535 Replace this page with a copy of the official signed thesis
```

```

536     assignment and a copy of the Statement of an Author.
537 \fi}
538
539% Others
540\gdef\thesis@english@advisorSignature{Signature of Thesis
541 \thesis@english@advisorTitle}
542\gdef\thesis@english@typeName@proposal{Ph.D. Thesis Proposal}

```

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

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

```

543\ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2016/03/22]
544\gdef\thesis@english@facultyName{Faculty of Arts}
545\gdef\thesis@english@departmentName{%
546 \ifx\thesis@department\thesis@departments@kisk
547 Division of Information and Library Studies%
548 \else
549 <<Unknown department (\thesis@department)>>%
550 \fi}

```

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

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

```

551\ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2016/03/22]
552
553% Placeholders
554\gdef\thesis@english@facultyName{Faculty of Education}

```

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

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

```

555\ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2016/03/23]
556
557% Placeholders
558\gdef\thesis@english@facultyName{Faculty of Science}
559
560% Miscellaneous

```

```

561 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
562
563 % Bibliographic entry
564 \global\let\thesis@english@bib@author\thesis@english@authorTitle
565 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
566 \gdef\thesis@english@bib@programme{Degree Programme}
567 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
568 \gdef\thesis@english@bib@advisor{Supervisor}
569 \gdef\thesis@english@bib@academicYear{Academic Year}
570 \gdef\thesis@english@bib@pages{Number of Pages}
571 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle

```

### 3.4.3 Czech locale files

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

This is the base file of the Czech locale.

```
572 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2016/05/25]
```

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.

```

573
574 % Pomocná makra
575 \gdef\thesis@czech@gender@koncovka{%
576   \ifthesis@woman a\fi}
577
578 % Csquotes styl
579 \gdef\thesis@czech@csquotesStyle{german}
580
581 % Zástupné texty
582 \gdef\thesis@czech@universityName{Název univerzity}
583 \gdef\thesis@czech@facultyName{Název fakulty}
584 \gdef\thesis@czech@assignment{%
585   \ifthesis@digital@
586     Na tomto místě se v~tištěné práci nachází oficiální podepsané
587     zadání práce.
588   \else
589     Místo tohoto listu vložte kopii oficiálního podepsaného zadání
590     práce.
591   \fi}
592 \gdef\thesis@czech@declaration{Text prohlášení ...}
593
594 % Časové údaje
595 \gdef\thesis@czech@spring{jaro}

```

```

596 \gdef\thesis@czech@fall{podzim}
597 \gdef\thesis@czech@semester{%
598   \thesis@czech@\thesis@season} \thesis@seasonYear}
599
600 % Různé
601 \gdef\thesis@czech@fieldTitle{Obor}
602 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
603 \gdef\thesis@czech@authorTitle{Autor}
604 \gdef\thesis@czech@abstractTitle{Shrnutí}
605 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
606 \gdef\thesis@czech@thanksTitle{Poděkování}
607 \gdef\thesis@czech@declarationTitle{Prohlášení}
608 \gdef\thesis@czech@idTitle{ID}
609 \gdef\thesis@czech@typeName@sempaper{Seminární práce}
610 \gdef\thesis@czech@typeName@bachelors{Bakalářská práce}
611 \gdef\thesis@czech@typeName@masters{Diplomová práce}
612 \gdef\thesis@czech@typeName@proposal{Teze závěrečné práce}
613 \gdef\thesis@czech@typeName@doctoral{Disertační práce}
614 \gdef\thesis@czech@typeName@rigorous{Rigorózní práce}
615 \gdef\thesis@czech@typeName{%
616   \ifx\thesis@type\thesis@sempaper
617     \thesis@czech@typeName@sempaper
618   \else\ifx\thesis@type\thesis@bachelors
619     \thesis@czech@typeName@bachelors
620   \else\ifx\thesis@type\thesis@masters
621     \thesis@czech@typeName@masters
622   \else\ifx\thesis@type\thesis@proposal
623     \thesis@czech@typeName@proposal
624   \else\ifx\thesis@type\thesis@doctoral
625     \thesis@czech@typeName@doctoral
626   \else\ifx\thesis@type\thesis@rigorous
627     \thesis@czech@typeName@rigorous
628   \else
629     <<Neznámý typ práce (\thesis@type)>>%
630   \fi\fi\fi\fi\fi\fi}
631 \gdef\thesis@czech@typeName@akuzativ@sempaper{Seminární práci}
632 \gdef\thesis@czech@typeName@akuzativ@bachelors{Bakalářskou práci}
633 \gdef\thesis@czech@typeName@akuzativ@masters{Diplomovou práci}
634 \gdef\thesis@czech@typeName@akuzativ@proposal{Tezi závěrečné práce}
635 \gdef\thesis@czech@typeName@akuzativ@doctoral{Disertační práci}
636 \gdef\thesis@czech@typeName@akuzativ@rigorous{Rigorózní práci}
637 \gdef\thesis@czech@typeName@akuzativ{%
638   \ifx\thesis@type\thesis@sempaper
639     \thesis@czech@typeName@akuzativ@sempaper
640   \else\ifx\thesis@type\thesis@bachelors
641     \thesis@czech@typeName@akuzativ@bachelors
642   \else\ifx\thesis@type\thesis@masters
643     \thesis@czech@typeName@akuzativ@masters
644   \else\ifx\thesis@type\thesis@proposal
645     \thesis@czech@typeName@akuzativ@proposal

```

```

646 \else\ifx\thesis@type\thesis@doctoral
647 \thesis@czech@typeName@akuzativ@doctoral
648 \else\ifx\thesis@type\thesis@rigorous
649 \thesis@czech@typeName@akuzativ@rigorous
650 \else
651 <<Neznámý typ práce (\thesis@type)>>%
652 \fi\fi\fi\fi\fi\fi}

```

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

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

```

653 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2016/03/22]
654
655 % Zástupné texty
656 \gdef\thesis@czech@universityName{Masarykova univerzita}
657 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
658 \thesis@lower{czech@typeName@akuzativ} zpracoval%
659 \thesis@czech@gender@koncovka\ samostatně a
660 použil\thesis@czech@gender@koncovka\ jen prameny
661 uvedené~v seznamu literatury.}
662
663 % Bibliografický záznam
664 \gdef\thesis@czech@bib@title{Bibliografický záznam}
665 \gdef\thesis@czech@bib@pages{str}
666
667 % Různé
668 \gdef\thesis@czech@idTitle{UČO}

```

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

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

```

669 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
670
671 % Různé
672 \gdef\thesis@czech@abstractTitle{Abstrakt}
673
674 % Zástupné texty
675 \gdef\thesis@czech@facultyName{Právnická fakulta}
676 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
677 univerzity}

```



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

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

```
678 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
679
680 % Zástupné texty
681 \gdef\thesis@czec@facultyName{Fakulta sportovních studií}
682
683 % Různé
684 \gdef\thesis@czec@fieldTitle{Specializace}
```

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

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

```
685 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2016/05/25]
686
687 % Zástupné texty
688 \gdef\thesis@czec@facultyName{Fakulta sociálních studií}
689 \gdef\thesis@czec@assignment{%
690   \ifthesis@digital@
691     Na tomto místě se v~tištěné práci nachází oficiální podepsané
692     zadání práce, prohlášení autora školního díla nebo obojí.
693   \else
694     Místo tohoto listu vložte kopie oficiálního podepsaného zadání
695     práce nebo prohlášení autora školního díla nebo obojí~v
696     závislosti na požadavcích příslušné katedry.
697   \fi}
698
```

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

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

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

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

This is the Czech locale file specific to the Faculty of Medicine at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the abstractTitle string in accordance with the common usage at the faculty. The file also defines the bib@title and bib@pages strings required by the

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

```
701 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2016/03/23]
702
703 % Různé
704 \gdef\thesis@czec@abstractTitle{Anotace}
705
706 % Zástupné texty
707 \gdef\thesis@czec@facultyName{Lékařská fakulta}
```

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

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

```
708 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2016/05/25]
709
710 % Zástupné texty
711 \gdef\thesis@czec@facultyName{Fakulta informatiky}
712 \gdef\thesis@czec@assignment{%
713   \ifthesis@digital@
714     Na tomto místě se v~tištěné práci nachází oficiální podepsané
715     zadání práce a prohlášení autora školního díla.
716   \else
717     Místo tohoto listu vložte kopie oficiálního podepsaného zadání
718     práce a prohlášení autora školního díla.
719   \fi}
720 \gdef\thesis@czec@declaration{%
721   Prohlašuji, že tato \thesis@lower{czec@typeName} je mým
722   původním autorským dílem, které jsem vypracoval%
723   \thesis@czec@gender@koncovka\ samostatně. Všechny zdroje,
724   prameny a literaturu, které jsem při vypracování
725   používal\thesis@czec@gender@koncovka\ nebo z~nich
726   čerpal\thesis@czec@gender@koncovka, v~práci řádně cituji
727   s~uvedením úplného odkazu na příslušný zdroj.}
728
729 % Ostatní
730 \gdef\thesis@czec@advisorSignature{Podpis vedoucího}
731 \gdef\thesis@czec@typeName@proposal{Teze disertační práce}
732 \gdef\thesis@czec@typeName@akuzativ@proposal{Tezi disertační práce}
```

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

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

with the requirements of the faculty.

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

```
733 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/03/22]
734
735 % Zástupné texty
736 \gdef\thesis@czech@facultyName{Filozofická fakulta}
737 \gdef\thesis@czech@departmentName{%
738   \ifx\thesis@department\thesis@departments@kisk
739     Kabinet informačních studií a knihovnictví%
740   \else
741     <<Neznámé oddělení (\thesis@department)>>%
742   \fi}
743 \gdef\thesis@czech@declaration{%
744   \ifx\thesis@department\thesis@departments@kisk
745     Prohlašuji, že jsem předkládanou práci zpracoval%
746     \thesis@czech@gender@koncovka\ samostatně~a použil%
747     \thesis@czech@gender@koncovka\ jen uvedené prameny~a
748     literaturu. Současně dávám svolení k tomu, aby elektronická
749     verze této práce byla zpřístupněna přes informační systém
750     Masarykovy univerzity.%
751   \else
752     Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
753     vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
754     uvedených literatur.%
755   \fi}
756
757 % Ostatní
758 \global\let\thesis@czech@typeName@super
759   \thesis@czech@typeName
760 \gdef\thesis@czech@typeName{%
761   \ifx\thesis@type\thesis@bachelors
762     Bakalářská diplomová práce%
763   \else\ifx\thesis@type\thesis@masters
764     Magisterská diplomová práce%
765   \else
766     \thesis@czech@typeName@super
767   \fi\fi}
768
769 \global\let\thesis@czech@typeName@akuzativ@super
770   \thesis@czech@typeName@akuzativ
771 \gdef\thesis@czech@typeName@akuzativ{%
772   \ifx\thesis@type\thesis@bachelors
773     Diplomovou práci%
774   \else\ifx\thesis@type\thesis@masters
775     Diplomovou práci%
776   \else
777     \thesis@czech@typeName@akuzativ@super
```

```
778 \fi\fi}
```

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

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

```
779 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2016/03/22]
780
781 % Zástupné texty
782 \gdef\thesis@czecch@facultyName{Pedagogická fakulta}
```

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

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

```
783 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2016/03/23]
784
785 % Zástupné texty
786 \gdef\thesis@czecch@facultyName{Přirodovědecká fakulta}
787
788 % Ostatní
789 \gdef\thesis@czecch@abstractTitle{Abstrakt}
790 \gdef\thesis@czecch@declaration{%
791   Prohlašuji, že jsem svoji \thesis@lower{czecch@typeName}%
792   akuzativ} vypracoval\thesis@czecch@gender@koncovka\ samo%
793   statně s~využitím informačních zdrojů, které jsou v~práci
794   citovány.}
795 \gdef\thesis@czecch@authorSignature{Podpis autora}
796
797 % Časové údaje
798 \gdef\thesis@czecch@formattedDate{%
799   \thesis@day.
800   \newcount\@month\expandafter\@month\thesis@month\relax
801   \ifnum\@month=1%
802     ledna
803   \else\ifnum\@month=2%
804     února
805   \else\ifnum\@month=3%
806     března
807   \else\ifnum\@month=4%
808     dubna
809   \else\ifnum\@month=5%
```

```

810     května
811     \else\ifnum\@month=6%
812         června
813     \else\ifnum\@month=7%
814         července
815     \else\ifnum\@month=8%
816         srpna
817     \else\ifnum\@month=9%
818         září
819     \else\ifnum\@month=10%
820         října
821     \else\ifnum\@month=11%
822         listopadu
823     \else\ifnum\@month=12%
824         prosince
825     \else
826         <<neznámý měsíc (\the\@month)>>
827     \fi\fi\fi\fi\fi\fi
828     \fi\fi\fi\fi\fi\fi
829     \thesis@year}}
830
831 % Bibliografický záznam
832 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
833 \gdef\thesis@czech@bib@thesisTitle{Název práce}
834 \gdef\thesis@czech@bib@programme{Studijní program}
835 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
836 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
837 \gdef\thesis@czech@bib@academicYear{Akademický rok}
838 \gdef\thesis@czech@bib@pages{Počet stran}
839 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle

```

### 3.4.4 Slovak locale files

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

This is the base file of the Slovak locale.

```
840 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2016/05/25]
```

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.

```

841
842 % Pomocná makrá
843 \gdef\thesis@slovak@gender@koncovka{%
844     \ifthesis@woman a\fi}

```

```

845
846 % Csquotes štýl
847 \gdef\thesis@slovak@csquotesStyle{german}
848
849 % Zástupné texty
850 \gdef\thesis@slovak@universityName{Názov univerzity}
851 \gdef\thesis@slovak@facultyName{Názov fakulty}
852 \gdef\thesis@slovak@assignment{%
853   \ifthesis@digital@
854     Na tomto mieste sa v~tlačenej práci nachádza oficiálne
855     podpísané zadanie práce.
856   \else
857     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
858     zadania práce.
859   \fi}
860 \gdef\thesis@slovak@declaration{Text vyhlásenie ...}
861
862 % Časové údaje
863 \gdef\thesis@slovak@spring{jar}
864 \gdef\thesis@slovak@fall{jeseň}
865 \gdef\thesis@slovak@semester{%
866   \thesis@{slovak@\thesis@season} \thesis@seasonYear}
867
868 % Rôzne
869 \gdef\thesis@slovak@fieldTitle{Odbor}
870 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
871 \gdef\thesis@slovak@authorTitle{Autor}
872 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
873 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
874 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
875 \gdef\thesis@slovak@declarationTitle{Vyhlásenie}
876 \gdef\thesis@slovak@idTitle{ID}
877 \gdef\thesis@slovak@typeName@sempaper{Seminárna práca}
878 \gdef\thesis@slovak@typeName@bachelors{Bakalárska práca}
879 \gdef\thesis@slovak@typeName@masters{Diplomová práca}
880 \gdef\thesis@slovak@typeName@proposal{Tézy záverečnej práce}
881 \gdef\thesis@slovak@typeName@doctoral{Dizertačná práca}
882 \gdef\thesis@slovak@typeName@rigorous{Rigorózna práca}
883 \gdef\thesis@slovak@typeName{%
884   \ifx\thesis@type\thesis@sempaper
885     \thesis@slovak@typeName@sempaper
886   \else\ifx\thesis@type\thesis@bachelors
887     \thesis@slovak@typeName@bachelors
888   \else\ifx\thesis@type\thesis@masters
889     \thesis@slovak@typeName@masters
890   \else\ifx\thesis@type\thesis@proposal
891     \thesis@slovak@typeName@proposal
892   \else\ifx\thesis@type\thesis@doctoral
893     \thesis@slovak@typeName@doctoral
894   \else\ifx\thesis@type\thesis@rigorous

```

```

895 \thesis@slovak@typeName@rigorous
896 \else
897 <<Neznámy typ práce (\thesis@type)>>%
898 \fi\fi\fi\fi\fi\fi}
899 \gdef\thesis@slovak@typeName@akuzativ@sempaper{Seminárnu prácu}
900 \gdef\thesis@slovak@typeName@akuzativ@bachelors{Bakalársku prácu}
901 \gdef\thesis@slovak@typeName@akuzativ@masters{Diplomovú prácu}
902 \gdef\thesis@slovak@typeName@akuzativ@proposal{Tézy záverečnej práce}
903 \gdef\thesis@slovak@typeName@akuzativ@doctoral{Dizertačnú prácu}
904 \gdef\thesis@slovak@typeName@akuzativ@rigorous{Rigoróznú prácu}
905 \gdef\thesis@slovak@typeName@akuzativ{%
906 \ifx\thesis@type\thesis@sempaper
907 \thesis@slovak@typeName@akuzativ@sempaper
908 \else\ifx\thesis@type\thesis@bachelors
909 \thesis@slovak@typeName@akuzativ@bachelors
910 \else\ifx\thesis@type\thesis@masters
911 \thesis@slovak@typeName@akuzativ@masters
912 \else\ifx\thesis@type\thesis@proposal
913 \thesis@slovak@typeName@akuzativ@proposal
914 \else\ifx\thesis@type\thesis@doctoral
915 \thesis@slovak@typeName@akuzativ@doctoral
916 \else\ifx\thesis@type\thesis@rigorous
917 \thesis@slovak@typeName@akuzativ@rigorous
918 \else
919 <<Neznámy typ práce (\thesis@type)>>%
920 \fi\fi\fi\fi\fi\fi}

```

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

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

```

921 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2016/03/22]
922
923 % Zástupné texty
924 \gdef\thesis@slovak@universityName{Masarykova univerzita}
925 \gdef\thesis@slovak@declaration{%
926 Vyhlasujem, že som predloženú \thesis@lower{%
927 slovak@typeName@akuzativ} vypracoval%
928 \thesis@slovak@gender@koncovka\ samostatne len s~použitím
929 uvedenej literatúry a prameňov.}
930
931 % Bibliografický zoznam
932 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
933 \gdef\thesis@slovak@bib@pages{str}
934
935 % Rôzne
936 \gdef\thesis@slovak@idTitle{UČO}

```

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

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

```
937 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
938
939 % Rôzne
940 \gdef\thesis@slovak@abstractTitle{Abstrakt}
941
942 % Zástupné texty
943 \gdef\thesis@slovak@facultyName{Právnická fakulta}
944 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
945 univerzity}
```

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

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

```
946 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
947
948 % Zástupné texty
949 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
950
951 % Rôzne
952 \gdef\thesis@slovak@fieldTitle{Špecializácie}
```

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

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

```
953 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2016/05/25]
954
955 % Zástupné texty
956 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
957 \gdef\thesis@slovak@assignment{%
958   \ifthesis@digital@
959     Na tomto mieste sa v~tlačenej práci nachádza oficiálne
960     podpísané zadanie práce alebo vyhlásenie autora školského
961     diela alebo obidve.
962   \else
963     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
964     zadania práce alebo vyhlásenie autora školského diela alebo
965     obidve~v závislosti na požiadavkách príslušnej katedry.
```



```
966 \fi}
```

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

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

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

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

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

```
969 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2016/03/23]
970
971 % Rôzne
972 \gdef\thesis@slovak@abstractTitle{Anotácie}
973
974 % Zástupné texty
975 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
```

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

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

```
976 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2016/05/25]
977
978 % Zástupné texty
979 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
980 \gdef\thesis@slovak@assignment{%
981   \ifthesis@digital@
982     Na tomto mieste sa v-tlačenej práci nachádza oficiálne
983     podpísané zadanie práce a vyhlásenie autora školského diela.
984   \else
985     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
986     zadania práce a vyhlásenie autora školského diela.
987   \fi}
988 \gdef\thesis@slovak@declaration{%
989   vyhlasujem, že táto \thesis@lower{slovak@typeName} je mojím
990   pôvodným autorským dielom, ktoré som vypracoval%
```

```

991 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
992 pramene a literatúru, ktoré som pri vypracovaní
993 používal\thesis@slovak@gender@koncovka\ alebo z~nich
994 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
995 s~uvedením úplného odkazu na príslušný zdroj.}
996
997 % Rôzne
998 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
999 \gdef\thesis@slovak@typeName@proposal{Tézy dizertačnej práce}
1000 \gdef\thesis@slovak@typeName@akuzativ@proposal{Tézy dizertačnej práce}

```

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

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

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

```

1001 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/03/22]
1002
1003 % Zástupné texty
1004 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
1005 \gdef\thesis@slovak@departmentName{%
1006   \ifx\thesis@department\thesis@departments@kisk
1007     Kabinet informačných štúdií a knihovníctva%
1008   \else
1009     <<Neznáme oddelenie (\thesis@department)>>%
1010   \fi}
1011 \gdef\thesis@czech@declaration{%
1012   \ifx\thesis@department\thesis@departments@kisk
1013     Vyhlasujem, že som predkladanú prácu spracoval%
1014     \thesis@slovak@gender@koncovka\ samostatne~a použil%
1015     \thesis@slovak@gender@koncovka\ len uvedené pramene~a
1016     literatúru. Súčasne dávam súhlas k tomu, aby elektronická
1017     verzia tejto práce bola sprístupnená cez informačný
1018     systém Masarykovej univerzity.%
1019   \else
1020     Vyhlasujem, že som predloženú \thesis@lower{%
1021       slovak@typeName@akuzativ} vypracoval%
1022     \thesis@slovak@gender@koncovka\ samostatne na základe vlastných
1023     zistení a len s~použitím uvedenej literatúry a prameňov.%
1024   \fi}
1025
1026 % Rôzne
1027 \global\let\thesis@slovak@typeName@super
1028   \thesis@slovak@typeName
1029 \gdef\thesis@slovak@typeName{%

```

```

1030 \ifx\thesis@type\thesis@bachelors
1031   Bakalárska diplomová práca%
1032 \else\ifx\thesis@type\thesis@masters
1033   Magisterská diplomová práca%
1034 \else
1035   \thesis@slovak@typeName@super
1036 \fi\fi}
1037
1038 \global\let\thesis@slovak@typeName@akuzativ@super
1039   \thesis@slovak@typeName@akuzativ
1040 \gdef\thesis@slovak@typeName@akuzativ{%
1041   \ifx\thesis@type\thesis@bachelors
1042     Diplomovú prácu%
1043   \else\ifx\thesis@type\thesis@masters
1044     Diplomovú prácu%
1045   \else
1046     \thesis@slovak@typeName@akuzativ@super
1047   \fi\fi}

```

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

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

```

1048 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2016/03/22]
1049
1050 % Zástupné texty
1051 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}

```

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

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

```

1052 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
1053
1054 % Zástupné texty
1055 \gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}

```

### 3.5 Style files

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

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

### 3.5.1 Interface

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

<code>\thesis@blocks@preamble</code>	<ul style="list-style-type: none"><li>• <code>\thesis@blocks@preamble</code> – If autolayout is enabled, then this macro is expanded at the very beginning of the document.</li></ul>
<code>\thesis@blocks@postamble</code>	<ul style="list-style-type: none"><li>• <code>\thesis@blocks@postamble</code> – If autolayout is enabled, then this macro is expanded at the very end of the document.</li></ul>
<code>\thesis@blocks@mainMatter</code>	<ul style="list-style-type: none"><li>• <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.</li></ul>

### 3.5.2 Base style files

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

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

```
1056 \NeedsTeXFormat{LaTeX2e}
1057 \ProvidesPackage{fithesis/style/fithesis-base}[2015/06/23]
```

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

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

```
1058 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2016/06/06]
1059 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

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

```
1060 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
1061 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
1062 \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@`

```
1063 \newif\ifthesis@twoside@
```

```

1064 \DeclareOption{oneside}{%
1065 \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
1066 \DeclareOption{twoside}{%
1067 \thesis@twoside@true \@twosidettrue \@mparswitchtrue}

```

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

```

1068 \DeclareOption{onecolumn}{\@twocolumnfalse}
1069 \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.

```

1070 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
1071 \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@`

```

1072 \newif\ifthesis@palatino@
1073 \DeclareOption{palatino}{\thesis@palatino@true}
1074 \DeclareOption{nopalatino}{\thesis@palatino@false}

```

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

`\ifthesis@color@`

```

1075 \newif\ifthesis@color@
1076 \DeclareOption{monochrome}{\thesis@color@false}
1077 \DeclareOption{color}{\thesis@color@true}

```

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

`\ifthesis@microtype@`

```

1078 \newif\ifthesis@microtype@
1079 \DeclareOption{microtype}{\thesis@microtype@true}
1080 \DeclareOption{nomicrotype}{\thesis@microtype@false}

```

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

`\ifthesis@newtable@`

```

1081 \newif\ifthesis@newtable@
1082 \DeclareOption{table}{\thesis@newtable@true}
1083 \DeclareOption{oldtable}{\thesis@newtable@false}

```

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

\thesis@blocks@lot	<ul style="list-style-type: none"> <li>lot, nolot – The \thesis@blocks@lot macro will be defined as either \listoftables or \relax, respectively. As a side effect, the \listoftables either is or isn't going to be included in the \thesis@blocks@tables block, respectively.</li> </ul>
\thesis@blocks@tables	<pre>1084 \DeclareOption{nolot}{\let\thesis@blocks@lot\relax} 1085 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}</pre>
\thesis@blocks@lof	<ul style="list-style-type: none"> <li>lot, nolot – The \thesis@blocks@lof macro will be defined as either \listoffigures or \relax, respectively. As a side effect, the \listoffigures either is or isn't going to be included in the \thesis@blocks@tables block, respectively.</li> </ul>
\thesis@blocks@tables	<pre>1086 \DeclareOption{nolof}{\let\thesis@blocks@lof\relax} 1087 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}</pre>
\thesis@blocks@cover	<ul style="list-style-type: none"> <li>cover, nocover – The \thesis@blocks@cover either is going to expand to either the thesis cover or produces no output, respectively. The \ifthesis@cover@ conditional is set to false or true, respectively.</li> </ul>
\ifthesis@cover@	<pre>1088 \newif\ifthesis@cover@ 1089 \DeclareOption{nocover}{\thesis@cover@false} 1090 \DeclareOption{cover}{\thesis@cover@true}</pre>
\ifthesis@digital@	<ul style="list-style-type: none"> <li>digital, printed – These macrooptions set the options that are appropriate for either the printed or for the digital version of the document, respectively. The \ifthesis@digital@ conditional is set to true or false, respectively.</li> </ul>
	<pre>1091 \newif\ifthesis@digital@ 1092 \DeclareOption{digital}{% 1093   \ExecuteOptions{color,cover}% 1094   \thesis@digital@true} 1095 \DeclareOption{printed}{% 1096   \ExecuteOptions{monochrome,nocover}% 1097   \thesis@digital@false}</pre>

These are the default options:

```
1098 \ExecuteOptions{%
1099   printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
1100 \ProcessOptions*
```

The file uses English locale strings within the macros.

```
1101 \thesis@requireLocale{english}
```

The file loads the following packages:

- xcolor – Adds support for color manipulation.
- ifxetex – Used to detect the Xe<sub>La</sub>TeX engine.
- ifluatex – Used to detect the Lua<sub>La</sub>TeX engine.
- 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.

```
1102 \thesis@require{xcolor}
1103 \thesis@require{graphicx}
1104 \thesis@require{pdfpages}
1105 \thesis@require{keyval}
1106 \thesis@require{ifxetex}
1107 \thesis@require{ifluatex}
```

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

```
1108 \ifthesis@microtype@
1109   \thesis@require[final,babel]{microtype}
1110 \fi
```

`\ifthesis@xeluatex` Using the `\ifxetex` and `\ifluatex` conditionals, a compound `\ifthesis@xeluatex` conditional was constructed. This conditional can be used by subsequently loaded style files to test, whether either the Xe<sub>La</sub>TeX or the Lua<sub>La</sub>TeX engine is being used.

```
1111 {\let\x\expandafter
1112 \x\global\x\let\x\ifthesis@xeluatex\cename if%
1113   \ifxetex true\else
1114     \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
1115     \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
1116     \fi
1117   \fi\endcename}
```

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

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

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

```

1118 \ifthesis@xeluatex
1119   \ifthesis@palatino@
1120     \thesis@require{fontspec}
1121     \thesis@require{unicode-math}
1122     \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
1123     \setmathfont[math-style=ISO,bold-style=ISO]{texgyrepagella-math.otf}
1124   \fi

```

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

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

```

1125 \else
1126   \ifthesis@palatino@
1127     \RequirePackage[resetfonts]{cmap}
1128     \thesis@require{lmodern}
1129     \thesis@require{mathpazo}
1130     \thesis@require{tgpagella}
1131     \RequirePackage[T1]{fontenc}
1132   \fi
1133 \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  $\text{\LaTeX}$ .

```

1134 \let\thesis@newtable@old\tabular
1135 \let\endthesis@newtable@old\endtabular
1136 \ifthesis@newtable@

```



```

1137 % Load the packages.
1138 \thesis@require{tabularx}
1139 \thesis@require{tabu}
1140 \thesis@require{booktabs}
1141 % Adjust the measurements.
1142 \setlength{\aboverulesep}{0pt}
1143 \setlength{\belowrulesep}{0pt}
1144 \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.

```

1145 \ifthesis@color@
1146 % The redefinition of 'tabular'
1147 \renewenvironment{tabular}%
1148   {\rowcolors{1}{thesis@color@tableOdd}%
1149    {thesis@color@tableEven}%
1150    \thesis@newtable@old}%
1151   {\endthesis@newtable@old}
1152 % The redefinition of 'tabularx'
1153 \let\thesis@newtable@oldx\tabularx
1154 \let\endthesis@newtable@oldx\endtabularx
1155 \renewenvironment{tabularx}%
1156   {\rowcolors{1}{thesis@color@tableEven}%
1157    {thesis@color@tableOdd}%
1158    \thesis@newtable@oldx}%
1159   {\endthesis@newtable@oldx}
1160 % The redefinition of 'tabu'
1161 \let\thesis@newtable@oldtabu\tabu
1162 \let\endthesis@newtable@oldtabu\endtabu
1163 \renewenvironment{tabu}%
1164   {\rowcolors{1}{thesis@color@tableEven}%
1165    {thesis@color@tableOdd}%
1166    \thesis@newtable@oldtabu}%
1167   {\endthesis@newtable@oldtabu}
1168 \fi
1169 \fi

```

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

```

1170 \newif\ifthesis@bibliography@
1171 \thesis@bibliography@false
1172 \ifx\thesis@bibFiles\undefined\else

```

```

1173 {\edef\bibList{\thesis@bibFiles}%
1174 \ifx\@bibList\empty\else
1175 \global\thesis@bibliography@true
1176 \fi}
1177 \fi

```

`\thesis@bibliography@setup` The file defines the `\thesis@bibliography@setup{<options>}` command, where *options* is a comma-delimited list of key-value pairs as defined by the `keyval` package. The command can be invoked by the subsequently loaded style files to define the bibliography options.

```

1178 \def\thesis@bibliography@setup#1{%
1179 \setkeys{thesis@bibliography}{#1}}

```

The following key-value pairs are supported:

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

```

1180 \define@key{thesis@bibliography}{style}{%
1181 \ifx\thesis@bibliography@style\undefined
1182 \def\thesis@bibliography@style{#1}%
1183 \fi}
1184 \define@key{thesis@bibliography}{sorting}{%
1185 \ifx\thesis@bibliography@sorting\undefined
1186 \def\thesis@bibliography@sorting{#1}%
1187 \fi}

```

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

```

1188 \newif\ifthesis@bibliography@loaded@
1189 \thesis@bibliography@loaded@false
1190 \newif\ifthesis@bibliography@included@
1191 \thesis@bibliography@included@false
1192 \def\thesis@bibliography@load{%
1193 \ifthesis@bibliography@
1194 \ifthesis@bibliography@loaded@false
1195 \thesis@bibliography@loaded@true
1196 % Load csquotes and BibLaTeX.
1197 \thesis@require{csquotes}

```

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

```

1198 \thesis@bibliography@setup{
1199 style = iso-numeric,

```

```

1200     sorting = none}
1201     \thesis@require[
1202         backend=biber,
1203         style=\thesis@bibliography@style,
1204         sorting=\thesis@bibliography@sorting,
1205         autolang=other,
1206         sortlocale=auto]{biblatex}
1207     % Load the bibliography databases.
1208     {\edef\@bibList{\thesis@bibFiles}%
1209     \def\@inject##1,{%
1210         \def\@args{##1}\def\@relax{\relax}%
1211         \ifx\@args\@relax\else
1212             % Trim leading spaces.
1213             \edef\@trimmed{\romannumeral-'\.##1}%
1214             \addbibresource\@trimmed
1215             \expandafter\@inject\fi}%
1216     \expandafter\@inject\@bibList,\relax,}%

```

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

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

```

1217     \let\thesis@printbibliography@old\printbibliography
1218     \def\printbibliography{%
1219         \global\thesis@bibliography@included@true
1220         \thesis@printbibliography@old}
1221     \fi
1222 \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.

```

1223 \thesis@require{hyperref}
1224 \hypersetup{pdfborderstyle={/S/U/W 1}} % Less obtrusive borders

```

Clubs and widows are set to be infinitely bad.

```

1225 \widowpenalty 10000
1226 \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.

```

1227 \def\thesis@color@setup#1{%
1228     \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.

```

1229 \define@key{thesis@color}{links}{%
1230   \definecolor{thesis@color@links}#1
1231   \hypersetup{linkbordercolor=thesis@color@links}}
1232 \define@key{thesis@color}{tableOdd}{%
1233   \definecolor{thesis@color@tableOdd}#1}
1234 \define@key{thesis@color}{tableEven}{%
1235   \definecolor{thesis@color@tableEven}#1}
1236 \define@key{thesis@color}{tableEmph}{%
1237   \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.

```

1238 \def\thesis@blocks@coverMatter{%
1239   \pagenumbering{gobble}}

```

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

```

1240 \def\thesis@blocks@frontMatter{%
1241   \thesis@blocks@clear
1242   \pagestyle{plain}
1243   \parindent 1.5em
1244   \setcounter{page}{1}
1245   \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.

```

1246 \def\thesis@blocks@clear{%
1247   \ifthesis@twoside@
1248     \clearpage
1249     \thispagestyle{empty}%
1250     \cleardoublepage

```

```

1251 \else
1252 \newpage
1253 \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.
1254 \def\thesis@blocks@clearRight{%
1255 \ifthesis@twoside@
1256 \clearpage
1257 \ifodd\value{page}%
1258 \thispagestyle{empty}%
1259 \hbox{}%
1260 \newpage
1261 \fi
1262 \else
1263 \newpage
1264 \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.
1265 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
1266 [width=40mm]{%
1267 \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1268 \includegraphics[#1]{\@path}}

\thesis@blocks@facultyLogo@color The \thesis@blocks@facultyLogo@color[<options>] macro typesets either the
\thesis@logopath\thesis@facultyLogo logo, if the \ifthesis@color@ condi-
tional is false, or the \thesis@logopath\thesis@facultyLogo-color logo oth-
erwise with the given options passed to \includegraphics.
1269 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1270 [width=40mm]{%
1271 \edef\@path{\thesis@logopath\thesis@facultyLogo
1272 \ifthesis@color@-color\fi}%
1273 \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.
1274 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1275 [width=40mm]{%
1276 \edef\@path{\thesis@logopath\thesis@universityLogo}%
1277 \includegraphics[#1]{\@path}}

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

```

```

1278 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1279   [width=40mm]{{%
1280     \edef\@path{\thesis@logopath\thesis@universityLogo
1281       \ifthesis@color@-color\fi}%
1282     \includegraphics[#1]{\@path}}}

```

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

```

1283 \let\thesis@department@name\thesis@department
1284 \let\thesis@departmentEn@name\thesis@departmentEn
1285 \let\thesis@field@name\thesis@field
1286 \let\thesis@fieldEn@name\thesis@fieldEn

```

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

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

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

```

1287 \def\thesis@blocks@cover{%
1288   \ifthesis@cover@
1289     \thesis@blocks@clear
1290     \begin{alwaysingle}%
1291       \thispagestyle{empty}%
1292       \begin{center}%
1293         \thesis@blocks@cover@header
1294         \thesis@blocks@facultyLogo@monochrome\[\[0.4in]%
1295         \let\footnotesize\small
1296         \let\footnoterule\relax}%
1297         \thesis@blocks@cover@content
1298         \par\vfill
1299         \thesis@blocks@cover@footer
1300       \end{center}%
1301     \end{alwaysingle}%
1302   \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.

```

1303 \newif\ifthesis@blocks@cover@university@
1304 \thesis@blocks@cover@university@true
1305 \newif\ifthesis@blocks@cover@faculty@
1306 \thesis@blocks@cover@faculty@true
1307 \newif\ifthesis@blocks@cover@department@
1308 \thesis@blocks@cover@department@false
1309 \newif\ifthesis@blocks@cover@field@
1310 \thesis@blocks@cover@field@false
1311
1312 \def\thesis@blocks@cover@header{%
1313   {\sc\ifthesis@blocks@cover@university@
1314     \thesis@titlePage@LARGE\thesis@{@{universityName}}\\%
1315     \fi\ifthesis@blocks@cover@faculty@
1316       \thesis@titlePage@Large\thesis@{@{facultyName}}\\%
1317     \fi\ifthesis@blocks@cover@department@
1318       \thesis@titlePage@large\thesis@{department@name}\\%
1319     \fi}
1320   \ifthesis@blocks@cover@field@
1321     {\thesis@titlePage@large\vskip 1em%
1322       {\bf\thesis@{@{fieldTitle}}:} \thesis@field@name}%
1323     \fi\vskip 2em}
1324 \def\thesis@blocks@cover@content{%
1325   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1326   \vskip 0.8in%
1327   {\thesis@titlePage@large\sc\thesis@{@{typeName}}\\[0.3in]%
1328     {\thesis@titlePage@Large\bf\thesis@author}}
1329 \def\thesis@blocks@cover@footer{%
1330   {\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.

```

1331 \def\thesis@blocks@titlePage{%
1332     \thesis@blocks@clear
1333     \begin{alwaysingle}%
1334         \thispagestyle{empty}%
1335         \begin{center}%
1336             \thesis@blocks@titlePage@header
1337             \thesis@blocks@facultyLogo@color\[\[0.4in]%
1338             \let\footnotesize\small
1339             \let\footnoterule\relax}%
1340             \thesis@blocks@titlePage@content
1341             \par\vfill
1342             \thesis@blocks@titlePage@footer
1343         \end{center}%
1344     \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.

```

1345 \newif\ifthesis@blocks@titlePage@university@
1346 \thesis@blocks@titlePage@university@true
1347 \newif\ifthesis@blocks@titlePage@faculty@
1348 \thesis@blocks@titlePage@faculty@true
1349 \newif\ifthesis@blocks@titlePage@department@
1350 \thesis@blocks@titlePage@department@false
1351 \newif\ifthesis@blocks@titlePage@field@
1352 \thesis@blocks@titlePage@field@false
1353

```



```

1354 \def\thesis@blocks@titlePage@header{%
1355   {\sc\ifthesis@blocks@titlePage@university@
1356     \thesis@titlePage@LARGE\thesis@{universityName}\\%
1357   \fi\ifthesis@blocks@titlePage@faculty@
1358     \thesis@titlePage@Large\thesis@{facultyName}\\%
1359   \fi\ifthesis@blocks@titlePage@department@
1360     \thesis@titlePage@large\thesis@department@name\\%
1361   \fi}
1362 \ifthesis@blocks@titlePage@field@
1363   {\thesis@titlePage@large\vskip 1em%
1364   {\bf\thesis@{fieldTitle}:} \thesis@field@name}%
1365 \fi\vskip 2em}
1366 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1367 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

```

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

```

1368 \def\thesis@blocks@toc{%
1369   \thesis@blocks@clear
1370   \tableofcontents}

```

\thesis@blocks@tables The \thesis@blocks@tables macro typesets the table of contents and optionally the list of tables and the list of figures.

```

1371 \def\thesis@blocks@tables{%
1372   \thesis@blocks@toc
1373   \thesis@blocks@lot
1374   \thesis@blocks@lof}

```

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

```

1375 \def\thesis@blocks@declaration{%
1376   \thesis@blocks@clear
1377   \begin{alwaysingle}%
1378     \chapter*{\thesis@{declarationTitle}}%
1379     \thesis@declaration
1380     \vskip 2cm%
1381     \hfill\thesis@author
1382   \end{alwaysingle}}

```

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

```

1383 \def\thesis@blocks@thanks{%
1384   \ifx\thesis@thanks\undefined\else
1385     \thesis@blocks@clear
1386     \begin{alwaysingle}%
1387       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1388       \leavevmode\thesis@thanks
1389     \end{alwaysingle}%
1390   \fi}

```

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

```

1391 \def\thesis@blocks@abstract{%
1392   \begin{alwaysingle}%
1393   % Start the new chapter without clearing the right page
1394   {\def\cleardoublepage{}
1395    \chapter*{\thesis@{abstractTitle}}}%
1396    \noindent\thesis@abstract
1397    \par\vfil\null
1398   \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.

```

1399 \def\thesis@blocks@abstractEn{%
1400   \ifthesis@english\else
1401     {\thesis@selectLocale{english}%
1402      \begin{alwaysingle}%
1403      % Start the new chapter without clearing the right page
1404      {\def\cleardoublepage{}%
1405       \chapter*{\thesis@english@abstractTitle}%
1406       \thesis@abstractEn}%
1407       \par\vfil\null
1408       \end{alwaysingle}}%
1409   \fi}

```

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

```

1410 \def\thesis@blocks@keywords{%
1411   \begin{alwaysingle}%
1412   % Start the new chapter without clearing the right page
1413   {\def\cleardoublepage{}%
1414    \chapter*{\thesis@{keywordsTitle}}}%
1415    \noindent\thesis@TeXkeywords}%
1416    \par\vfil\null
1417   \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.

```

1418 \def\thesis@blocks@keywordsEn{%
1419   \ifthesis@english\else
1420     {\thesis@selectLocale{english}%
1421      \begin{alwaysingle}%
1422      % Start the new chapter without clearing the right page
1423      {\def\cleardoublepage{}%
1424       \chapter*{\thesis@english@keywordsTitle}%
1425       \thesis@TeXkeywordsEn}%
1426       \par\vfil\null
1427       \end{alwaysingle}}%
1428   \fi}

```

`\thesis@rewind` The `\thesis@rewind` macro rewinds the page numbers by either one or two pages, depending on whether one-side or two-side typesetting is enabled, respectively.

```

1429 \def\thesis@rewind{%
1430   \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}}

```

\thesis@blocks@assignment The \thesis@blocks@assignment macro produces a different output depending on the values of the \thesis@assignmentFiles. \ifthesis@blocks@assignment@, \ifthesis@blocks@assignment@hideIfDigital@, and \ifthesis@digital@ macros.

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

```

1431 \newif\ifthesis@blocks@assignment@
1432 \thesis@blocks@assignment@true
1433 \newif\ifthesis@blocks@assignment@hideIfDigital@
1434 \thesis@blocks@assignment@hideIfDigital@true
1435 \def\thesis@blocks@assignment{%

```

If the \ifthesis@blocks@assignment@ conditional is true and the \thesis@assignmentFiles macro is undefined, then typeset a placeholder page.

```

1436   \ifthesis@blocks@assignment@
1437     \ifx\thesis@assignmentFiles\undefined
1438       % Rewind the pages and typeset a placeholder page.
1439       \thesis@blocks@clear
1440       \begin{alwaysingle}%
1441         \thispagestyle{empty}\thesis@rewind
1442         \noindent\textit{\thesis@{assignment}}%
1443       \end{alwaysingle}%
1444   \else

```

\@inject Locally define \@inject as our routine for injecting lists of PDF documents.

```

1445     {\edef\@pdfList{\thesis@assignmentFiles}%
1446     \let\ea\expandafter
1447     % Injects the specified PDF documents.
1448     \def\@inject##1,{\thesis@blocks@clear
1449       \def\@args{##1}\def\@relax{\relax}%
1450       \ifx\@args\@relax\else
1451         % Trim leading spaces.
1452         \edef\@trimmed{\romannumeral-'\.##1}%
1453         % Rewind the pages and include the PDF.
1454         \thesis@rewind\includepdf[pages=-]\@trimmed
1455       \ea\@inject\fi}%

```

If the \ifthesis@blocks@assignment@ conditional is true and the \thesis@assignmentFiles macro is neither undefined nor empty, then typeset a placeholder page, if the \ifthesis@digital@ conditional is true and the \ifthesis@blocks@assignment@hideIfDigital@ conditional is true

```

1456     \ifx\@pdfList\empty\else
1457     \ifthesis@digital@
1458     \ifthesis@blocks@assignment@hideIfDigital@
1459     \thesis@blocks@clear
1460     \begin{alwaysingle}%
1461       \thispagestyle{empty}\thesis@rewind
1462       \noindent\textit{\thesis@{assignment}}%
1463     \end{alwaysingle}%

```

If the `\ifthesis@blocks@assignment@` conditional is true and the `\thesis@assignmentFiles` macro is neither undefined nor empty, then inject the PDF documents specified in the `\thesis@assignmentFiles`, if the `\ifthesis@digital@` conditional is false or the `\ifthesis@blocks@assignment@hideIfDigital@` conditional is false.

```

1464         \else
1465         \ea\@inject\@pdfList,\relax,%
1466         \fi
1467     \else
1468     \ea\@inject\@pdfList,\relax,%
1469     \fi
1470 \fi}%
1471 \fi
1472 \fi}

```

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

```

1473 \def\thesis@blocks@mainMatter{%
1474 \thesis@blocks@clear
1475 \setcounter{page}{1}
1476 \pagenumbering{arabic}
1477 \pagestyle{thesisheadings}
1478 \parindent 1.5em\relax}

```

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

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

```

1479 \def\thesis@blocks@bibEntry{%
1480 \chapter*{\thesis@{bib@title}}
1481 \noindent\thesis@upper{author@tail}, \thesis@author@head.
1482 \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
1483 \thesis@{facultyName}, \thesis@department@name, \thesis@year.
1484 \thesis@pages\ \thesis@{bib@pages}.
1485 \thesis@{adviserTitle}: \thesis@adviser
1486 \thesis@blocks@clearRight}

```

`\thesis@blocks@bibliography` When `\ifthesis@bibliography@loaded@` is true and `\ifthesis@bibliography@included@` false, then the `\thesis@blocks@bibliography` macro typesets a bibliography via the Bib<sub>La</sub>T<sub>E</sub>X package. Otherwise, this macro produces no output.

```

1487 \def\thesis@blocks@bibliography{%
1488 \ifthesis@bibliography@loaded@
1489 \ifthesis@bibliography@included@\else
1490 \thesis@blocks@clear
1491 {\emergencystretch=3em%
1492 \printbibliography[heading=bibintoc]}}%
1493 \fi
1494 \fi}

```

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

```

1495 % Table of contents will contain sectioning commands up to
1496 % \subsection.
1497 \setcounter{tocdepth}{2}
1498
1499 % Sections up to \subsection will be numbered.
1500 \setcounter{secnumdepth}{2}
1501
1502 % Load the 'fithesis-1*.clo' size option.
1503 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1504
1505 % Define the running heading style.
1506 \def\ps@thesisheadings{%
1507   \def\chaptermark##1{%
1508     \markright{%
1509       \ifnum\c@secnumdepth >\m@ne
1510         \thechapter.\ %
1511         \fi ##1}}
1512   \let\@oddfoot\@empty
1513   \let\@oddhead\@empty
1514   \def\@oddhead{%
1515     \vbox{%
1516       \hbox to \textwidth{%
1517         \hfil{\sc\rightmark}}}%
1518     \vskip 4pt\hrule}}
1519   \if@twoside
1520     \def\@evenhead{%
1521       \vbox{%
1522         \hbox to \textwidth{%
1523           {\sc\rightmark}%
1524           \hfil}
1525         \vskip 4pt\hrule}}
1526   \else
1527     \let\@evenhead\@oddhead
1528   \fi
1529   \def\@oddfoot{\hfil\PageFont\thepage}
1530   \if@twoside
1531     \def\@evenfoot{\PageFont\thepage\hfil}%
1532   \else
1533     \let\@evenfoot\@oddfoot
1534   \fi
1535   \let\@mkboth\markboth}
1536
1537 % Redefine the style of the chapter headings.
1538 \renewcommand*{\chapter{%

```

```

1539 \thesis@blocks@clear
1540 \thispagestyle{plain}%
1541 \global\@topnum\z@
1542 \@afterindentfalse
1543 \secdef\@chapter\@schapter}
1544
1545 % Redefine the style of part headings.
1546 \renewcommand*\part{%
1547   \thesis@blocks@clear
1548   \if@twocolumn
1549     \onecolumn
1550     \@tempswatrue
1551   \else
1552     \@tempswafalse
1553   \fi
1554   \hbox{}\vfil
1555   \secdef\@part\@spart}
1556
1557 % A macro for temporary multicol -> singlecol switching.
1558 \newif\if@restonecol
1559 \def\alwaysingle{%
1560   \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1561 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1562
1563 % Disable uppercasing in PDF strings.
1564 \pdfstringdefDisableCommands{%
1565   \let\MakeUppercase\relax}
1566
1567 % Set up the ToC entries appearance.
1568 \renewcommand*\toc@font[1]{%
1569   \ifcase #1\relax
1570     \bfseries % \chapter (0)
1571   \or
1572     \slshape % \section (1)
1573   \else
1574     \rmfamily % \subsection (2), \subsubsection (3)
1575               % \paragraph, \subparagraph (4)
1576   \fi}
1577
1578 % Set up the table of contents entries for sectioning commands.
1579 \renewcommand*\l@part[2]{%
1580   \ifnum \c@tocdepth >-2\relax
1581     \addpenalty{-\@highpenalty}%
1582     \ifnum \c@tocdepth >0\relax
1583       \addvspace{2.25em \@plus\p}%
1584     \else
1585       \addvspace{1.0em \@plus\p}%
1586     \fi
1587     \begingroup
1588       \setlength\@tempdima{3em}%

```

```

1589 \parindent \z@ \rightskip \@pnumwidth
1590 \parfillskip -\@pnumwidth
1591 {\leavevmode
1592 \normalfont \bfseries #1\hfil \hbext@\@pnumwidth{\hss #2}}\par
1593 \nobreak
1594 \global\@nobreaktrue
1595 \everypar{\global\@nobreakfalse\everypar{}}%
1596 \endgroup
1597 \fi}
1598
1599 \renewcommand*\l@chapter[2]{%
1600 \ifnum \c@tocdepth >0\relax
1601 \addpenalty{-\@highpenalty}%
1602 \addvspace{1.0em \@plus\p@}%
1603 \setlength\@tempdima{1.5em}%
1604 \begingroup
1605 \parindent \z@ \rightskip \@pnumwidth
1606 \parfillskip -\@pnumwidth
1607 \leavevmode \bfseries
1608 \advance\leftskip\@tempdima
1609 \hskip -\leftskip
1610 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1611 \penalty\@highpenalty
1612 \endgroup
1613 \else
1614 \@dottedtocline{0}{0em}{1.5em}{#1}{#2}
1615 \fi}
1616
1617 \renewcommand*\l@section{\@dottedtocline{1}{1.5em}{2.3em}}
1618 \renewcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
1619 \renewcommand*\l@subsubsection{\@dottedtocline{3}{7.0em}{4.1em}}
1620 \renewcommand*\l@paragraph{\@dottedtocline{4}{10.0em}{5.0em}}
1621 \renewcommand*\l@subparagraph{\@dottedtocline{4}{12.0em}{6.0em}}

```

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

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

```

1622 \opt
1623 \*10pt
1624 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2016/05/15]
1625
1626 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont
1627 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1628 \belowdisplayskip \abovedisplayskip
1629 \abovedisplayshortskip \z@ plus3\p@
1630 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1631 \let\@listi\@listI}
1632
1633 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont

```

```

1634 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1635 \belowdisplayskip \abovedisplayskip
1636 \abovedisplayshortskip \z@ plus2\p@
1637 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1638 \def\@listi{\leftmargin\leftmargini
1639 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1640 \itemsep \parsep}}
1641
1642 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont
1643 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1644 \belowdisplayskip \abovedisplayskip
1645 \abovedisplayshortskip \z@ plus\p@
1646 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1647 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1648 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1649 \itemsep \parsep}}
1650
1651 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1652 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1653 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1654 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1655 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1656 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1657 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1658
1659 </10pt>

```

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

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

```

1660 (*11pt)
1661 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2016/05/15]
1662
1663 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont
1664 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1665 \belowdisplayskip \abovedisplayskip
1666 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1667 % \abovedisplayshortskip \z@ plus3\p@
1668 \let\@listi\@listI}
1669
1670 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont
1671 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1672 \belowdisplayskip \abovedisplayskip
1673 \abovedisplayshortskip \z@ plus3\p@
1674 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1675 \def\@listi{\leftmargin\leftmargini
1676 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1677 \itemsep \parsep}}
1678

```



```

1679 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont
1680 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1681 \belowdisplayskip \abovedisplayskip
1682 \abovedisplayshortskip \z@ plus\p@
1683 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1684 \def\@listi{\leftmargin\leftmargini
1685 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1686 \itemsep \parsep}}
1687
1688 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
1689 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1690 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1691 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1692 \renewcommand{\LARGE}{\fontsize\@xxvpt{22pt}\selectfont}
1693 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1694 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1695
1696 </11pt>

```

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

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

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

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

```

1697 <*12pt>
1698 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2016/05/15]
1699 </12pt>
1700
1701 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%

```

```

1702 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1703 \belowdisplayskip \abovedisplayskip
1704 \abovedisplayshortskip \z@ plus3\p@
1705 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1706 \let\@listi\@listI}
1707
1708 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont
1709 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1710 \belowdisplayskip \abovedisplayskip
1711 \abovedisplayshortskip \z@ plus3\p@
1712 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1713 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1714 \parsep 4.5\p@ plus2\p@ minus\p@
1715 \itemsep \parsep
1716 \topsep 9\p@ plus3\p@ minus5\p@}}
1717
1718 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont
1719 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1720 \belowdisplayskip \abovedisplayskip
1721 \abovedisplayshortskip \z@ plus3\p@
1722 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1723 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1724 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1725 \itemsep \parsep}}
1726
1727 \def\thesis@titlePage@scriptsize{\fontsize\@viiipt{9.5pt}\selectfont}
1728 \def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
1729 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1730 \def\thesis@titlePage@Large{\fontsize\@xxvpt{22pt}\selectfont}
1731 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1732 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1733 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1734
1735 (*12pt)
1736 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1737 \renewcommand{\small}{\thesis@titlePage@small}
1738 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1739 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1740 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1741 \renewcommand{\large}{\thesis@titlePage@large}
1742 \renewcommand{\Large}{\thesis@titlePage@Large}
1743 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1744 \renewcommand{\huge}{\thesis@titlePage@huge}
1745 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1746 </12pt>
1747 \let\@normalsize\normalsize
1748 \normalsize
1749
1750 \if@twoside
1751 \oddsidemargin 0.75in

```

```

1752 \evensidemargin 0.4in
1753 \marginparwidth 0pt
1754 \else
1755 \oddsidemargin 0.75in
1756 \evensidemargin 0.75in
1757 \marginparwidth 0pt
1758 \fi
1759 \marginparsep 10pt
1760
1761 \topmargin 0.4in
1762
1763 \headheight 20pt
1764 \headsep 10pt
1765 \topskip 10pt
1766 \footskip 30pt
1767
1768 (*10pt)
1769 \textheight = 43\baselineskip
1770 \advance\textheight by \topskip
1771 \textwidth 5.0truein
1772 \columnsep 10pt
1773 \columnseprule 0pt
1774
1775 \footnotesep 6.65pt
1776 \skip\footins 9pt plus 4pt minus 2pt
1777 \floatsep 12pt plus 2pt minus 2pt
1778 \textfloatsep 20pt plus 2pt minus 4pt
1779 \intextsep 12pt plus 2pt minus 2pt
1780 \dblfloatsep 12pt plus 2pt minus 2pt
1781 \dbltextfloatsep 20pt plus 2pt minus 4pt
1782
1783 \@fptop 0pt plus 1fil
1784 \@fpsep 8pt plus 2fil
1785 \@fpbot 0pt plus 1fil
1786 \@dblftop 0pt plus 1fil
1787 \@dblfpsep 8pt plus 2fil
1788 \@dblfpbot 0pt plus 1fil
1789 \marginparpush 5pt
1790
1791 \parskip 0pt plus 1pt
1792 \partopsep 2pt plus 1pt minus 1pt
1793
1794 (/10pt)
1795 %
1796 (*11pt)
1797 \textheight = 39\baselineskip
1798 \advance\textheight by \topskip
1799 \textwidth 5.0truein
1800 \columnsep 10pt
1801 \columnseprule 0pt

```

```

1802
1803 \footnotesep 7.7pt
1804 \skip\footins 10pt plus 4pt minus 2pt
1805 \floatsep 12pt plus 2pt minus 2pt
1806 \textfloatsep 20pt plus 2pt minus 4pt
1807 \intextsep 12pt plus 2pt minus 2pt
1808 \dblfloatsep 12pt plus 2pt minus 2pt
1809 \dbltextfloatsep 20pt plus 2pt minus 4pt
1810
1811 \@fptop 0pt plus 1fil
1812 \@fpsep 8pt plus 2fil
1813 \@fpbot 0pt plus 1fil
1814 \@dblfpptop 0pt plus 1fil
1815 \@dblfpsep 8pt plus 2fil
1816 \@dblfpbot 0pt plus 1fil
1817 \marginparpush 5pt
1818
1819 \parskip 0pt plus 0pt
1820 \partopsep 3pt plus 1pt minus 2pt
1821
1822 </11pt>
1823 %
1824 <*12pt>
1825 \textheight = 37\baselineskip
1826 \advance\textheight by \topskip
1827 \textwidth 5.0truein
1828 \columnsep 10pt
1829 \columnseprule 0pt
1830
1831 \footnotesep 8.4pt
1832 \skip\footins 10.8pt plus 4pt minus 2pt
1833 \floatsep 14pt plus 2pt minus 4pt
1834 \textfloatsep 20pt plus 2pt minus 4pt
1835 \intextsep 14pt plus 4pt minus 4pt
1836 \dblfloatsep 14pt plus 2pt minus 4pt
1837 \dbltextfloatsep 20pt plus 2pt minus 4pt
1838
1839 \@fptop 0pt plus 1fil
1840 \@fpsep 10pt plus 2fil
1841 \@fpbot 0pt plus 1fil
1842 \@dblfpptop 0pt plus 1fil
1843 \@dblfpsep 10pt plus 2fil
1844 \@dblfpbot 0pt plus 1fil
1845 \marginparpush 7pt
1846
1847 \parskip 0pt plus 0pt
1848 \partopsep 3pt plus 2pt minus 2pt
1849
1850 </12pt>
1851 \@lowpenalty 51

```

```

1852 \@medpenalty 151
1853 \@highpenalty 301
1854 \@beginparpenalty -\@lowpenalty
1855 \@endparpenalty -\@lowpenalty
1856 \@itempenalty -\@lowpenalty
1857
1858 \def\@makechapterhead#1{%
1859   \setlength\parindent{\z@}%
1860   \setlength\parskip {\z@}%
1861   \Large \ChapFont
1862   \ifnum
1863     \c@secnumdepth >\m@ne
1864     \par\nobreak
1865     \vskip 10\p@
1866     \thechapter{} \space
1867   \fi #1\par
1868   \nobreak
1869   \vskip 20\p@}}
1870
1871 \def\@makeschapterhead#1{%
1872   \setlength\parindent{\z@}%
1873   \setlength\parskip {\z@}%
1874   \Large \ChapFont #1\par
1875   \nobreak
1876   \vskip 20\p@}}
1877
1878 \def\chapter{%
1879   \clearpage
1880   \thispagestyle{plain}
1881   \global\@topnum\z@
1882   \@afterindentfalse
1883   \secdef\@chapter\@schapter}
1884
1885 \def\@chapter[#1]#2{%
1886   \ifnum \c@secnumdepth
1887     >\m@ne
1888     \refstepcounter{chapter}%
1889     \typeout{\@chapapp\space\thechapter.}%
1890     \addcontentsline{toc}{chapter}{\protect
1891       \numberline{\thechapter}\bfseries #1}
1892   \else
1893     \addcontentsline{toc}{chapter}{\bfseries #1}
1894   \fi
1895   \chaptermark{#1}%
1896   \addtocontents{lof}%
1897   {\protect\addvspace{4\p@}}
1898   \addtocontents{lot}%
1899   {\protect\addvspace{4\p@}}
1900   \if@twocolumn
1901     \@topnewpage[\@makechapterhead{#2}]%

```

```

1902 \else
1903   \@makechapterhead{#2}%
1904   \@afterheading
1905 \fi
1906 }
1907
1908 \def\section{\@startsection{section}{1}{\z@}{%
1909   -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
1910   \reset@font\large\bfseries}}
1911 \def\subsection{\@startsection{subsection}{2}{\z@}{%
1912   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1913   \reset@font\normalsize\bfseries}}
1914 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
1915   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1916   \reset@font\normalsize}}
1917 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
1918   3.25ex plus1ex minus.2ex}{-1em}{%
1919   \reset@font\normalsize\bfseries}}
1920 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
1921   3.25ex plus1ex minus.2ex}{-1em}{%
1922   \reset@font\normalsize\bfseries}}
1923
1924 \leftmargini 2.5em
1925 \leftmarginii 2.2em      % > \labelsep + width of '(m)'
1926 \leftmarginiii 1.87em   % > \labelsep + width of 'vii.'
1927 \leftmarginiv 1.7em     % > \labelsep + width of 'M.'
1928 \leftmarginv 1em
1929 \leftmarginvi 1em
1930
1931 \leftmargin\leftmargini
1932 \labelsep .5em
1933 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1934
1935 (*10pt)
1936 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
1937 \topsep 8\p@ plus2\p@ minus4\p@
1938 \itemsep 4\p@ plus2\p@ minus\p@}
1939
1940 \let\@listi\@listI
1941 \@listi
1942
1943 \def\@listii{\leftmargin\leftmarginii
1944   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1945   \topsep 4\p@ plus2\p@ minus\p@
1946   \parsep 2\p@ plus\p@ minus\p@
1947   \itemsep \parsep}
1948
1949 \def\@listiii{\leftmargin\leftmarginiii
1950   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1951   \topsep 2\p@ plus\p@ minus\p@

```

```

1952 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1953 \itemsep \topsep}
1954
1955 \def\@listiv{\leftmargin\leftmarginiv
1956 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1957
1958 \def\@listv{\leftmargin\leftmarginv
1959 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1960
1961 \def\@listvi{\leftmargin\leftmarginvi
1962 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1963 </10pt>
1964 %
1965 <*11pt>
1966 \def\@listI{\leftmargin\leftmarginI \parsep 4.5\p@ plus2\p@ minus\p@
1967 \topsep 9\p@ plus3\p@ minus5\p@
1968 \itemsep 4.5\p@ plus2\p@ minus\p@}
1969
1970 \let\@listi\@listI
1971 \@listi
1972
1973 \def\@listii{\leftmargin\leftmarginii
1974 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1975 \topsep 4.5\p@ plus2\p@ minus\p@
1976 \parsep 2\p@ plus\p@ minus\p@
1977 \itemsep \parsep}
1978
1979 \def\@listiii{\leftmargin\leftmarginiii
1980 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1981 \topsep 2\p@ plus\p@ minus\p@
1982 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1983 \itemsep \topsep}
1984
1985 \def\@listiv{\leftmargin\leftmarginiv
1986 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1987
1988 \def\@listv{\leftmargin\leftmarginv
1989 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1990
1991 \def\@listvi{\leftmargin\leftmarginvi
1992 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1993 </11pt>
1994 %
1995 <*12pt>
1996 \def\@listI{\leftmargin\leftmarginI \parsep 5\p@ plus2.5\p@ minus\p@
1997 \topsep 10\p@ plus4\p@ minus6\p@
1998 \itemsep 5\p@ plus2.5\p@ minus\p@}
1999
2000 \let\@listi\@listI
2001 \@listi

```

```

2002
2003 \def\@listii{\leftmargin\leftmarginii
2004 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2005 \topsep 5\p@ plus2.5\p@ minus\p@
2006 \parsep 2.5\p@ plus\p@ minus\p@
2007 \itemsep \parsep}
2008
2009 \def\@listiii{\leftmargin\leftmarginiii
2010 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2011 \topsep 2.5\p@ plus\p@ minus\p@
2012 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2013 \itemsep \topsep}
2014
2015 \def\@listiv{\leftmargin\leftmarginiv
2016 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2017
2018 \def\@listv{\leftmargin\leftmarginv
2019 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2020
2021 \def\@listvi{\leftmargin\leftmarginvi
2022 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2023 </12pt>
2024 </opt>

```

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

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

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

```

2025 \NeedsTeXFormat{LaTeX2e}
2026 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2016/04/18]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2027 \thesis@color@setup{
2028 links={HTML}{FFD451},
2029 tableEmph={HTML}{FFD451},
2030 tableOdd={HTML}{FFF9E5},
2031 tableEven={HTML}{FFECB3}}

```

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

```

2032 \thesis@bibliography@setup{
2033 style=iso-numeric,
2034 sorting=none}
2035 \thesis@bibliography@load

```

---

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



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

```
2036 \ifx\thesis@type\thesis@rigorous
2037   \thesis@blocks@assignment@false
2038 \else\ifx\thesis@type\thesis@doctoral
2039   \thesis@blocks@assignment@false
2040 \fi\fi
```

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

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

```
2041 \def\thesis@blocks@advisor{%
2042   {\thesis@titlePage@large\[\[0.3in]
2043     {\bf\thesis@{advisorTitle}:} \thesis@advisor}}
2044 \def\thesis@blocks@titlePage@content{%
2045   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2046   {\thesis@titlePage@large\sc\thesis@{typeName}\[\[0.3in]]}
2047   {\thesis@titlePage@Large\bf\thesis@author}
2048   % If this is a rigorous thesis or a PhD thesis proposal,
2049   % typeset the name of the thesis advisor.
2050   \ifx\thesis@type\thesis@rigorous
2051     \thesis@blocks@advisor
2052   \else\ifx\thesis@type\thesis@proposal
2053     \thesis@blocks@advisor
2054   \fi\fi}%
2055 \def\thesis@blocks@advisorSignature{%
2056   \let\@A\relax\newlength{\@A}
2057   \settowidth{\@A}{\thesis@{advisorSignature}}
2058   \setlength{\@A}{\@A+1cm}
2059   \hfill\raisebox{-0.5em}{\parbox{\@A}{
2060     \centering
2061     \rule{\@A}{1pt}}\
2062     \thesis@{advisorSignature}
2063   }}%
2064 \def\thesis@blocks@titlePage@footer{%
2065   {\thesis@titlePage@large\thesis@place, \thesis@{semester}
2066   % If this is a rigorous thesis or a PhD thesis proposal,
2067   % create space for the advisor's signature.
2068   \ifx\thesis@type\thesis@rigorous
2069     \thesis@blocks@advisorSignature
2070   \else\ifx\thesis@type\thesis@proposal
2071     \thesis@blocks@advisorSignature
2072   \fi\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.

```
2073 \def\thesis@blocks@declaration{%
2074   \thesis@blocks@clear
2075   \begin{alwaysingle}%
2076     \chapter*{\thesis@{declarationTitle}}%
2077     \thesis@declaration
2078     \vskip 2cm%
2079     \hfill\thesis@author
2080     \par\vfill\noindent
2081     \textbf{\thesis@{advisorTitle}:} \thesis@advisor
2082     \par\vfil
2083   \end{alwaysingle}}
```

In Ph.D. theses, only the table of contents will be typeset in the front matter as per the formal requirements of the faculty<sup>2</sup>.

Note that there is no direct support for the seminar paper type. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```
2084 \def\thesis@blocks@preamble{%
2085   \thesis@blocks@coverMatter
2086   \thesis@blocks@cover
2087   \thesis@blocks@titlePage
2088   \thesis@blocks@frontMatter
2089   \ifx\thesis@type\thesis@proposal
2090     \thesis@blocks@toc
2091   \else
2092     \thesis@blocks@assignment
2093     \thesis@blocks@declaration
2094     \thesis@blocks@thanks
2095     \thesis@blocks@clearRight
2096     \thesis@blocks@abstract
2097     \thesis@blocks@keywords
2098     \thesis@blocks@tables
2099   \fi}
2100 \def\thesis@blocks@postamble{%
2101   \thesis@blocks@bibliography}
```

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

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

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

---

<sup>2</sup>See [http://is.muni.cz/www/2575/dtedi/index\\_en.html](http://is.muni.cz/www/2575/dtedi/index_en.html)

<sup>3</sup>See <http://www.sci.muni.cz/NW/predpisy/od/OD-2014-05.pdf>

```
2102 \NeedsTeXFormat{LaTeX2e}
2103 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2016/06/06]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
2104 \thesis@color@setup{
2105   links={HTML}{20E366},
2106   tableEmph={HTML}{8EDEAA},
2107   tableOdd={HTML}{EDF7F1},
2108   tableEven={HTML}{CCEDD8}}
```

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

```
2109 \thesis@bibliography@setup{
2110   style=iso-numeric,
2111   sorting=none}
2112 \thesis@bibliography@load
```

The file uses Czech locale strings within the macros.

```
2113 \thesis@requireLocale{czech}
```

The file loads the following packages:

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

```
2114 \thesis@require{tikz}
2115 \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.

```
2116 \ifx\thesis@type\thesis@bachelors\else
2117 \ifx\thesis@type\thesis@masters\else
2118   \thesis@blocks@assignment@false
2119 \fi\fi
```

Enable the inclusion of the scanned assignment inside the digital version of the document.

```
2120 \thesis@blocks@assignment@hideIfDigital@false
```

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

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

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

```

2121 \def\thesis@blocks@bibEntry{%
2122   \begin{alwaysingle}%
2123   {% Start the new chapter without clearing the right page
2124   {\def\cleardoublepage}%
2125   \chapter*{\thesis@czech@bib@title}}%
2126   % Calculate the width of the columns
2127   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2128     \bf\thesis@czech@bib@author:}%
2129   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
2130     \bf\thesis@czech@bib@thesisTitle:}%
2131   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2132     \bf\thesis@czech@bib@programme:}%
2133   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
2134     \bf\thesis@czech@bib@field:}%
2135   % Unless this is a rigorous thesis, we will be typesetting the
2136   % name of the thesis advisor.
2137   \let\@E\relax\newlength{\@E}
2138   \ifx\thesis@type\thesis@rigorous
2139     \setlength{\@E}{0pt}%
2140   \else
2141     \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}%
2142   \fi
2143   \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
2144     \bf\thesis@czech@bib@academicYear:}%
2145   \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
2146     \bf\thesis@czech@bib@pages:}%
2147   \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
2148     \bf\thesis@czech@bib@keywords:}%
2149   \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
2150   \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2151     max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
2152   \let\@right\relax\newlength{\@right}\setlength{\@right}{%
2153     \textwidth-\@left-\@skip}
2154   % Typeset the table
2155   \renewcommand{\arraystretch}{2}
2156   \noindent\begin{thesis@newtable@old}%
2157     {\@p{\@left}{\hskip\@skip}p{\@right}{@}}
2158     \textbf{\thesis@czech@bib@author:} &
2159     \noindent\parbox[t]{\@right}{
2160       \thesis@author\\
2161       \thesis@czech@facultyName,

```

```

2162         \thesis@czech@universityName\\
2163         \thesis@department@name
2164     }\\
2165     \textbf{\thesis@czech@bib@thesisTitle:}
2166     & \thesis@title \\
2167     \textbf{\thesis@czech@bib@programme:}
2168     & \thesis@programme \\
2169     \textbf{\thesis@czech@bib@field:}
2170     & \thesis@field@name \\
2171     % Unless this is a rigorous thesis, typeset the name of the
2172     % thesis advisor.
2173     \ifx\thesis@type\thesis@rigorous\else
2174         \textbf{\thesis@czech@bib@advisor:}
2175         & \thesis@advisor \\
2176     \fi
2177     \textbf{\thesis@czech@bib@academicYear:}
2178     & \thesis@academicYear \\
2179     \textbf{\thesis@czech@bib@pages:}
2180     & \thesis@pages \\
2181     \textbf{\thesis@czech@bib@keywords:}
2182     & \thesis@TeXkeywords \\
2183     \end{thesis@newtable@old}}
2184 \end{always@single}}

```

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

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

```

2185 \def\thesis@blocks@bibEntryEn{%
2186   {\thesis@selectLocale{english}}
2187   \begin{always@single}
2188     % Start the new chapter without clearing the right page
2189     {\def\cleardoublepage{}}%
2190     \chapter*{\thesis@english@bib@title}}%

```

```

2191 {% Calculate the width of the columns
2192 \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2193   \bf\thesis@english@bib@author:}}
2194 \let\@B\relax\newlength{\@B}\settowidth{\@B}{\%
2195   \bf\thesis@english@bib@thesisTitle:}}
2196 \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2197   \bf\thesis@english@bib@programme:}}
2198 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\%
2199   \bf\thesis@english@bib@field:}}
2200 % Unless this is a rigorous thesis, we will be typesetting
2201 % the name of the thesis advisor.
2202 \let\@E\relax\newlength{\@E}
2203   \ifx\thesis@type\thesis@rigorous
2204     \setlength{\@E}{0pt}%
2205   \else
2206     \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
2207   \fi
2208 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\%
2209   \bf\thesis@english@bib@academicYear:}}
2210 \let\@G\relax\newlength{\@G}\settowidth{\@G}{\%
2211   \bf\thesis@english@bib@pages:}}
2212 \let\@H\relax\newlength{\@H}\settowidth{\@H}{\%
2213   \bf\thesis@english@bib@keywords:}}
2214 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
2215 \let\@left\relax\newlength{\@left}\pgfmithsetlength{\@left}{\%
2216   max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
2217 \let\@right\relax\newlength{\@right}\setlength{\@right}{\%
2218   \textwidth-\@left-\@skip}
2219 % Typeset the table
2220 \renewcommand{\arraystretch}{2}
2221 \noindent\begin{thesis@newtable@old}%
2222   {\@{p}{\@left}{\hskip\@skip}p{\@right}{@{}}
2223     \textbf{\thesis@english@bib@author:} &
2224     \noindent\parbox[t]{\@right}{
2225       \thesis@author\\
2226       \thesis@english@facultyName,
2227       \thesis@english@universityName\\
2228       \thesis@departmentEn@name
2229     }\\
2230     \textbf{\thesis@english@bib@thesisTitle:}
2231     & \thesis@titleEn \\
2232     \textbf{\thesis@english@bib@programme:}
2233     & \thesis@programmeEn \\
2234     \textbf{\thesis@english@bib@field:}
2235     & \thesis@fieldEn@name \\
2236     % Unless this is a rigorous thesis, typeset the name of the
2237     % thesis advisor.
2238     \ifx\thesis@type\thesis@rigorous\else
2239       \textbf{\thesis@english@bib@advisor:}
2240       & \thesis@advisor \\

```

```

2241      \fi
2242      \textbf{\thesis@english@bib@academicYear:}
2243      & \thesis@academicYear \\
2244      \textbf{\thesis@english@bib@pages:}
2245      & \thesis@pages \\
2246      \textbf{\thesis@english@bib@keywords:}
2247      & \thesis@TeXkeywordsEn \\
2248      \end{thesis@newtable@old}}
2249      \end{alwayssingle}
2250    }}

```

`\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.

```

2251 \def\thesis@blocks@frontMatter{%
2252   \pagestyle{empty}
2253   \parindent 1.5em
2254   \setcounter{page}{1}
2255   \pagenumbering{roman}}

```

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

```

2256 \def\thesis@blocks@cover{%
2257   \ifthesis@cover@
2258     \thesis@blocks@clear
2259     \begin{alwayssingle}
2260       \thispagestyle{empty}
2261       \begin{center}
2262         {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
2263          \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
2264          \thesis@titlePage@large\thesis@department@name}
2265         \vfill
2266         {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
2267         \vfill
2268         {\thesis@titlePage@large\thesis@place
2269          \ \thesis@year\hfill\thesis@author}
2270       \end{center}
2271     \end{alwayssingle}
2272   \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.

```

2273 \def\thesis@blocks@titlePage{%
2274   \thesis@blocks@clear
2275   \begin{alwayssingle}
2276     \thispagestyle{empty}
2277     % The top of the page
2278     \begin{adjustwidth}{-12mm}{ }
2279       \begin{minipage}{30mm}

```

```

2280 \thesis@blocks@universityLogo@color[width=30mm]
2281 \end{minipage}\begin{minipage}{89mm}
2282 \begin{center}
2283 {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
2284 \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
2285 \thesis@titlePage@normalsize\thesis@department@name}
2286 \rule{\textwidth}{2pt}\vspace*{2mm}
2287 \end{center}
2288 \end{minipage}\begin{minipage}{30mm}
2289 \thesis@blocks@facultyLogo@color[width=30mm]
2290 \end{minipage}
2291 \end{adjustwidth}
2292 % The middle of the page
2293 \vfill
2294 \parbox\textwidth{% Prevent vfills from squashing the leading
2295 \bf\thesis@titlePage@Huge\thesis@TeXtitle}
2296 {\thesis@titlePage@Huge\\[0.8em]}
2297 {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
2298 {\bf\thesis@titlePage@LARGE\thesis@author\\}
2299 \vfill\noindent
2300 % The bottom of the page
2301 {\bf\thesis@titlePage@normalsize
2302 % Unless this is a rigorous thesis, typeset the name of the
2303 % thesis advisor.
2304 \ifx\thesis@type\thesis@rigorous\else
2305 \thesis@czech@advisorTitle: \thesis@advisor\hfill
2306 \fi
2307 \thesis@place\ \thesis@year}
2308 \end{alwaysssingle}}

```

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

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

`\thesis@czech@bib@title`

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

```

2309 \def\thesis@blocks@declaration{%
2310 \thesis@blocks@clear
2311 \begin{alwaysssingle}%
2312 \chapter*{\thesis@@{declarationTitle}}%
2313 \thesis@declaration
2314 \vskip 2cm%
2315 {\let\@A\relax\newlength{\@A}
2316 \settowidth{\@A}{\thesis@@{authorSignature}}
2317 \setlength{\@A}{\@A+1cm}
2318 \noindent\thesis@place, \thesis@czech@formattedDate\hfill

```



```

2319 \begin{minipage}[t]{\@A}%
2320 \centering\rule{\@A}{1pt}\\
2321 \thesis@{authorSignature}\par
2322 \end{minipage}}
2323 \end{alwaysssingle}}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```

2324 \def\thesis@blocks@preamble{%
2325 \thesis@selectLocale{czech}%
2326 \thesis@blocks@coverMatter
2327 \thesis@blocks@cover
2328 \thesis@blocks@frontMatter
2329 \thesis@blocks@titlePage
2330 \thesis@blocks@clearRight
2331 \thesis@blocks@bibEntry
2332 \thesis@blocks@bibEntryEn
2333 \thesis@blocks@abstract
2334 \thesis@blocks@abstractEn}
2335 \thesis@blocks@assignment
2336 {\thesis@selectLocale{czech}%
2337 \thesis@blocks@thanks
2338 \thesis@blocks@declaration
2339 \thesis@blocks@tables}}
2340 \def\thesis@blocks@postamble{%
2341 \thesis@blocks@bibliography}

```

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

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

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

```

2342 \NeedsTeXFormat{LaTeX2e}
2343 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2016/04/18]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2344 \thesis@color@setup{

```

---

<sup>4</sup>See [http://is.muni.cz/auth/do/1421/4581421/Vzor\\_bakalarske\\_prace.pdf](http://is.muni.cz/auth/do/1421/4581421/Vzor_bakalarske_prace.pdf)

```

2345 links={HTML}{6FCEF2},
2346 tableEmph={HTML}{78CEF0},
2347 tableOdd={HTML}{EBF6FA},
2348 tableEven={HTML}{D0EBF5}}

```

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

```

2349 \thesis@bibliography@setup{
2350   style=iso-numeric,
2351   sorting=nty}
2352 \thesis@bibliography@load

```

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

```

2353 \thesis@blocks@titlePage@department@true
2354 \thesis@blocks@titlePage@field@true

```

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

- kisk – The Division of Information and Library Studies<sup>5</sup> (KISK)

```

2355   \def\thesis@departments@kisk{kisk}

```

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

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

```

2356 \ifx\thesis@department\thesis@departments@kisk
2357   \def\thesis@department@name{\thesis@{departmentName}}
2358   \def\thesis@departmentEn@name{\thesis@english@departmentName}
2359 \fi

```

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

```

2360 \ifx\thesis@department\thesis@departments@kisk
2361   \def\thesis@blocks@titlePage@content{%
2362     {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2363     {\thesis@titlePage@large\sc\thesis@{typeName}}\[\[0.3in]}
2364     {\thesis@titlePage@Large\bf\thesis@author}
2365     % If this is a KISK thesis, typeset the name of the thesis
2366     % advisor.
2367     \ifx\thesis@department\thesis@departments@kisk
2368       {\thesis@titlePage@large\[\[0.3in]}
2369       {\bf\thesis@{advisorTitle}:} \thesis@advisor}
2370     \fi}%
2371 \fi

```

---

<sup>5</sup>See <http://kisk.phil.muni.cz/cs/povinnost>.

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```
2372 \def\thesis@blocks@preamble{%
2373   \thesis@blocks@coverMatter
2374   \thesis@blocks@cover
2375   \thesis@blocks@titlePage
2376   \thesis@blocks@frontMatter
```

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

```
2377   \ifx\thesis@department\thesis@departments@kisk
2378     \thesis@blocks@bibEntry
2379     \thesis@blocks@abstract
2380     \thesis@blocks@abstractEn
2381     \thesis@blocks@keywords
2382     \thesis@blocks@keywordsEn
2383   \fi
2384   \thesis@blocks@declaration
2385   \thesis@blocks@thanks
```

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

```
2386   \ifx\thesis@department\thesis@departments@kisk
2387     \thesis@blocks@toc
2388   \else
2389     \thesis@blocks@tables
2390   \fi}
2391 \def\thesis@blocks@postamble{%
2392   \ifx\thesis@department\thesis@departments@kisk
```

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

```
2393   \thesis@blocks@lot
2394   \thesis@blocks@lof
2395   \fi
2396   \thesis@blocks@bibliography}
```

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

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

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

<sup>6</sup>See [https://is.muni.cz/auth/do/ped/VPAN/pokdek/Pokyn\\_dekana\\_zaverecne\\_prace\\_finale\\_1\\_.pdf](https://is.muni.cz/auth/do/ped/VPAN/pokdek/Pokyn_dekana_zaverecne_prace_finale_1_.pdf)

```

2397 \NeedsTeXFormat{LaTeX2e}
2398 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2016/04/18]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2399 \thesis@color@setup{
2400   links={HTML}{FFA02F},
2401   tableEmph={HTML}{FFBB6B},
2402   tableOdd={HTML}{FFF1E0},
2403   tableEven={HTML}{FFDEB7}}

```

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

```

2404 \thesis@bibliography@setup{
2405   style=iso-numeric,
2406   sorting=nty}
2407 \thesis@bibliography@load

```

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

```

2408 \thesis@blocks@titlePage@department@true
2409 \def\thesis@blocks@titlePage@content{%
2410   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
2411   {\thesis@titlePage@large\sc\thesis@@{typeName}}\l[0.3in]}
2412   {\thesis@titlePage@Large\bf\thesis@author}
2413   % Typeset the name of the thesis advisor.
2414   {\thesis@titlePage@large\l[0.3in]
2415    {\bf\thesis@@{advisorTitle}:} \thesis@advisor}}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```

2416 \def\thesis@blocks@preamble{%
2417   \thesis@blocks@coverMatter
2418   \thesis@blocks@cover
2419   \thesis@blocks@titlePage
2420   \thesis@blocks@frontMatter
2421   \thesis@blocks@bibEntry
2422   \thesis@blocks@abstract
2423   \thesis@blocks@abstractEn
2424   \thesis@blocks@keywords
2425   \thesis@blocks@keywordsEn
2426   \thesis@blocks@declaration
2427   \thesis@blocks@thanks
2428   \thesis@blocks@tables}
2429 \def\thesis@blocks@postamble{%
2430   \thesis@blocks@bibliography}

```

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

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

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. Because of the inexistence of faculty-wide formal requirements and recommendations with each department defining their own with varying degrees of rigour<sup>7</sup>, this style is a mere skeleton, which is unlikely to satisfy the exact requirements of any department and will require modification by the user.

```
2431 \NeedsTeXFormat{LaTeX2e}
2432 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2016/04/18]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
2433 \thesis@color@setup{
2434   links={HTML}{58EDD7},
2435   tableEmph={HTML}{69D6C6},
2436   tableOdd={HTML}{E3F1EE},
2437   tableEven={HTML}{C5E3DF}}
```

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

```
2438 \thesis@bibliography@setup{
2439   style=iso-authoryear,
2440   sorting=nty}
2441 \thesis@bibliography@load
```

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

```
2442 \def\thesis@blocks@frontMatter{%
2443   \pagestyle{plain}
2444   \parindent 1.5em
2445   \setcounter{page}{1}
2446   \pagenumbering{roman}}
```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```
2447 \def\thesis@blocks@preamble{%
```

---

<sup>7</sup>See <http://psych.fss.muni.cz/node/351>,  
<http://medzur.fss.muni.cz/informace-pro-studenty/pravidla-pro-diplomky/soubory/PravidlaprozaverecnepracenaKMSZ-ver.2-83.doc>, <http://soc.fss.muni.cz/?q=node/44>,  
<http://polit.fss.muni.cz/informace-pro-studenty/pol/>, <http://humenv.fss.muni.cz/studium/bakalarske-studium/pravidla-pro-vypracovani-bakalarske-prace>

```

2448 \thesis@blocks@coverMatter
2449 \thesis@blocks@cover
2450 \thesis@blocks@titlePage
2451 \thesis@blocks@frontMatter
2452 \thesis@blocks@clearRight
2453 \thesis@blocks@abstract
2454 \thesis@blocks@abstractEn
2455 \thesis@blocks@keywords
2456 \thesis@blocks@keywordsEn
2457 \thesis@blocks@assignment
2458 \thesis@blocks@declaration
2459 \thesis@blocks@thanks
2460 \thesis@blocks@tables}
2461 \def\thesis@blocks@postamble{%
2462 \thesis@blocks@bibliography}

```

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

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

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

```

2463 \NeedsTeXFormat{LaTeX2e}
2464 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2016/04/18]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2465 \thesis@color@setup{
2466 links={HTML}{CF86EB},
2467 tableEmph={HTML}{D39BE8},
2468 tableOdd={HTML}{F2EBF5},
2469 tableEven={HTML}{E5CCED}}

```

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

```

2470 \thesis@bibliography@setup{%
2471 style=iso-authoryear,
2472 sorting=nyt}
2473 \thesis@bibliography@load

```

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

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

---

<sup>8</sup>See <http://is.muni.cz/do/law/ud/predp/smer/S-07-2012.pdf>

```

2474 \def\thesis@blocks@cover@header{%
2475   {\sc\thesis@titlePage@Large\thesis@@{facultyLongName}}\%
2476   \thesis@titlePage@large\thesis@department@name\\\vskip 2em}}
2477 \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.

```

2478 \def\thesis@blocks@frontMatter{%
2479   \thesis@blocks@clear
2480   \pagestyle{plain}
2481   \parindent 1.5em
2482   \setcounter{page}{1}
2483   \pagenumbering{arabic}}

```

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

```

2484 \def\thesis@blocks@mainMatter{%
2485   \thesis@blocks@clear
2486   \pagestyle{thesisheadings}
2487   \parindent 1.5em\relax}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```

2488 \def\thesis@blocks@preamble{%
2489   \thesis@blocks@coverMatter
2490   \thesis@blocks@cover
2491   \thesis@blocks@titlePage
2492   \thesis@blocks@frontMatter
2493   \thesis@blocks@declaration
2494   \thesis@blocks@clearRight
2495   \thesis@blocks@abstract
2496   \thesis@blocks@abstractEn
2497   \thesis@blocks@keywords
2498   \thesis@blocks@keywordsEn
2499   \thesis@blocks@thanks
2500   \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.

```

2501 \def\thesis@blocks@postamble{%
2502   \thesis@blocks@bibliography
2503   \thesis@blocks@assignment}

```

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

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

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

```
2504 \NeedsTeXFormat{LaTeX2e}
```

```
2505 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2016/04/18]
```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
2506 \thesis@color@setup{
```

```
2507   links={HTML}{F27995},
```

```
2508   tableEmph={HTML}{E8B88B},
```

```
2509   tableOdd={HTML}{F5ECEB},
```

```
2510   tableEven={HTML}{EBD8D5}}
```

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

```
2511 \thesis@bibliography@setup{
```

```
2512   style=iso-authoryear,
```

```
2513   sorting=nty}
```

```
2514 \thesis@bibliography@load
```

The file loads the following packages:

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

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

```
2515 \thesis@require{tikz}
```

```
2516 \thesis@require{geometry}
```

```
2517 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2518 \def\thesis@blocks@cover{%
```

```
2519   \ifthesis@cover@
```

```
2520     \thesis@blocks@clear
```

```
2521     \begin{alwaysingle}
```

```
2522       \thispagestyle{empty}
```

```
2523       \begin{center}
```

```
2524         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\%
```

```
2525         \thesis@titlePage@Large\thesis@{facultyName}}\%
```

```
2526       \vfill
```

---

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



```

2527     {\bf\thesis@titlePage@Huge\thesis@{@{typeName}}}
2528     \vfill
2529     {\thesis@titlePage@large\thesis@place
2530      \ \thesis@year\hfill\thesis@author}
2531     \end{center}
2532 \end{alwaysssingle}
2533 \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.

```

2534 \thesis@blocks@titlePage@field@true
2535 \def\thesis@blocks@titlePage@content{%
2536   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2537   \ifthesis@english\else
2538     {\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2539   \fi {\[0.3in]\thesis@titlePage@large\sc\thesis@{@{typeName}}\}}
2540 \def\thesis@blocks@titlePage@footer{%
2541   {\thesis@titlePage@large
2542     {% Calculate the width of the thesis author and advisor boxes
2543       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2544         \bf\thesis@{@{advisorTitle}:}}
2545       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2546       \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2547         \bf\thesis@{@{authorTitle}:}}
2548       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2549       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2550         max(\@A,\@B)}
2551       \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2552         max(\@C,\@D)}
2553       % Typeset the thesis author and advisor boxes
2554       \vskip 2in\begin{minipage}[t]{\@left}
2555         {\bf\thesis@{@{advisorTitle}:}}\thesis@advisor
2556       \end{minipage}\hfill\begin{minipage}[t]{\@right}
2557         {\bf\thesis@{@{authorTitle}:}}\thesis@author
2558       \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.

```

2559 \def\thesis@blocks@frontMatter{%
2560   \thesis@blocks@clear
2561   % In case of double-sided typesetting, change the geometry
2562   \ifthesis@twoside@
2563     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2564       right=15mm, includeheadfoot}

```

```

2565 \fi\pagestyle{empty}
2566 \parindent 1.5em
2567 \setcounter{page}{1}
2568 \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.

```

2569 \def\thesis@blocks@mainMatter{%
2570   \thesis@blocks@clear
2571   % In case of double-sided typesetting, change the geometry
2572   \ifthesis@twoside@
2573     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2574       right=15mm, includeheadfoot}
2575   \fi\pagestyle{thesisheadings}
2576   \parindent 1.5em\relax}

```

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

```

2577 \def\thesis@blocks@tables{%
2578   \thesis@blocks@lot
2579   \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.

```

2580 \ifx\thesis@blocks@lot\relax\else
2581   \def\thesis@blocks@lot{%
2582     \thesis@blocks@clear
2583     \phantomsection
2584     \addcontentsline{toc}{chapter}{\listtablename}%
2585     \listoftables}
2586 \fi
2587
2588 \ifx\thesis@blocks@lof\relax\else
2589   \def\thesis@blocks@lof{%
2590     \thesis@blocks@clear
2591     \phantomsection
2592     \addcontentsline{toc}{chapter}{\listfigurename}%
2593     \listoffigures}
2594 \fi

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```

2595 \def\thesis@blocks@preamble{%

```

```

2596 \thesis@blocks@coverMatter
2597 \thesis@blocks@cover
2598 \thesis@blocks@frontMatter
2599 \thesis@blocks@titlePage
2600 \thesis@blocks@assignment
2601 \thesis@blocks@clearRight
2602 \thesis@blocks@abstract
2603 \thesis@blocks@abstractEn
2604 \thesis@blocks@keywords
2605 \thesis@blocks@keywordsEn
2606 \thesis@blocks@declaration
2607 \thesis@blocks@thanks
2608 \thesis@blocks@toc}

```

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

```

2609 \def\thesis@blocks@postamble{%
2610 \thesis@blocks@bibliography
2611 \thesis@blocks@tables}

```

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

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

This is the style file for the theses written at the Faculty of Medicine at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the Department of Optometry and Orthoptics<sup>10</sup>.

```

2612 \NeedsTeXFormat{LaTeX2e}
2613 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2016/04/18]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2614 \thesis@color@setup{
2615 links={HTML}{F58E76},
2616 tableEmph={HTML}{FF9D85},
2617 tableOdd={HTML}{FFF5F6},
2618 tableEven={HTML}{FFDEDF}}

```

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

```

2619 \thesis@bibliography@setup{%
2620 style=iso-authoryear,
2621 sorting=ynt}
2622 \thesis@bibliography@load

```

The file loads the following packages:

- `tikz` – Used for dimension arithmetic.

<sup>10</sup>See [http://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI\\_ZAVERECNE\\_PRACE.doc](http://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI_ZAVERECNE_PRACE.doc)

- 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.

```
2623 \thesis@require{tikz}
2624 \thesis@require{geometry}
2625 \thesis@require{setspace}
2626 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2627 \def\thesis@blocks@cover{%
2628   \ifthesis@cover@
2629     \thesis@blocks@clear
2630     \begin{alwaysingle}
2631       \thispagestyle{empty}
2632       \begin{center}
2633         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\%
2634         \thesis@titlePage@Large\thesis@@{facultyName}}\%
2635         \vfill
2636         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2637         \vfill
2638         {\thesis@titlePage@large\thesis@place
2639          \thesis@year\hfill\thesis@author}
2640       \end{center}
2641     \end{alwaysingle}
2642   \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.

```
2643 \def\thesis@blocks@titlePage@content{%
2644   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}[0.3in]}%
2645   {\thesis@titlePage@large{\sc\thesis@@{typeName}}}%
2646 \def\thesis@blocks@titlePage@footer{%
2647   {\thesis@titlePage@large
2648     {% Calculate the width of the thesis author and advisor boxes
2649       \let\@A\relax\nlength{\@A}\settowidth{\@A}{%
2650         \bf\thesis@@{advisorTitle}:}}
2651       \let\@B\relax\nlength{\@B}\settowidth{\@B}{\thesis@advisor}
2652       \let\@C\relax\nlength{\@C}\settowidth{\@C}{%
2653         \bf\thesis@@{authorTitle}:}}
2654       \let\@D\relax\nlength{\@D}\settowidth{\@D}{\thesis@author}
2655       \let\@E\relax\nlength{\@E}\settowidth{\@E}{%
2656         \bf\thesis@@{fieldTitle}:}}
2657       \let\@F\relax\nlength{\@F}\settowidth{\@F}{\thesis@field@name}
```

```

2658 \let\left\relax\newlength{\@left}\pgfmithsetlength{\@left}{%
2659     max(\@A,\@B)}
2660 \let\right\relax\newlength{\@right}\pgfmithsetlength{\@right}{%
2661     max(\@C,\@D,\@E,\@F)}
2662 % Typeset the thesis author and advisor boxes
2663 \vskip 2in\begin{minipage}[t]{\@left}
2664     {\bf\thesis@{advisorTitle}:}\\\thesis@advisor
2665 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2666     {\bf\thesis@{authorTitle}:}\\\thesis@author
2667     \\\[1em]{\bf\thesis@{fieldTitle}:}\\\thesis@field@name
2668 \end{minipage}}\\\[4em]\thesis@place, \thesis@{semester}}

```

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

```

2669 \def\thesis@blocks@frontMatter{%
2670     \thesis@blocks@clear
2671     % In case of double-sided typesetting, change the geometry
2672     \ifthesis@twoside@
2673         \newgeometry{top=25mm,bottom=20mm,left=35mm,
2674             right=15mm, includeheadfoot}
2675     \fi\pagestyle{empty}
2676     \parindent 1.5em
2677     \setcounter{page}{1}
2678     \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.

```

2679 \def\thesis@blocks@mainMatter{%
2680     \thesis@blocks@clear
2681     % In case of double-sided typesetting, change the geometry
2682     \ifthesis@twoside@
2683         \newgeometry{top=25mm,bottom=20mm,left=35mm,
2684             right=15mm, includeheadfoot}
2685     \fi\setcounter{page}{1}
2686     \pagenumbering{arabic}
2687     \pagestyle{thesisheadings}
2688     \parindent 1.5em
2689     \onehalfspacing}

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the `\thesis@blocks@preamble` and `\thesis@blocks@postamble` macros.

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

```

2690 \def\thesis@blocks@preamble{%
2691     \thesis@blocks@coverMatter

```

```

2692 \thesis@blocks@cover
2693 \thesis@blocks@frontMatter
2694 \thesis@blocks@titlePage
2695 \onehalfspacing
2696 \thesis@blocks@clearRight
2697 \thesis@blocks@abstract
2698 \thesis@blocks@abstractEn
2699 \thesis@blocks@keywords
2700 \thesis@blocks@keywordsEn
2701 \thesis@blocks@bibEntry
2702 \thesis@blocks@declaration
2703 \thesis@blocks@thanks
2704 \thesis@blocks@tables}
2705 \def\thesis@blocks@postamble{%
2706 \thesis@blocks@bibliography}

```

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

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

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>11</sup>.

```

2707 \NeedsTeXFormat{LaTeX2e}
2708 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2016/04/18]

```

The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```

2709 \thesis@color@setup{
2710   links={HTML}{93BCF5},
2711   tableEmph={HTML}{A8BDE3},
2712   tableOdd={HTML}{EBEFF5},
2713   tableEven={HTML}{D1DAEB}}

```

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

```

2714 \thesis@bibliography@setup{
2715   style=iso-authoryear,
2716   sorting=nty}
2717 \thesis@bibliography@load

```

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

```

2718 \thesis@blocks@titlePage@field@true

```

Note that there is no direct support for the seminar paper and thesis proposal types. If you would like to change the contents of the preamble and the postamble, you should modify the \thesis@blocks@preamble and \thesis@blocks@postamble macros.

---

<sup>11</sup>See [http://www.fsps.muni.cz/~korvas/pokyny\\_k\\_zaverecne\\_praci.doc](http://www.fsps.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc)

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

```

2719 \def\thesis@blocks@preamble{%
2720   \thesis@blocks@coverMatter
2721   \thesis@blocks@cover
2722   \thesis@blocks@titlePage
2723   \thesis@blocks@frontMatter
2724   \thesis@blocks@declaration
2725   \thesis@blocks@thanks
2726   \thesis@blocks@tables}
2727 \def\thesis@blocks@postamble{%
2728   \thesis@blocks@bibliography}

```

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.....	851, 943, 949,	\thesis@tail .....	23, 91, 386, 391
956, 968, 975, 979, 1004, 1051, 1055		\thesis@TeXkeywords ...	239, 1415, 2182

<code>\thesis@TeXkeywordsEn</code> .	<a href="#">245</a> , <a href="#">1425</a> , <a href="#">2247</a>	<code>\thesis@year</code> . . . . .	<a href="#">13</a> , <a href="#">184</a> , <a href="#">196</a> ,
<code>\thesis@TeXtitle</code> . . . . .	<a href="#">227</a> , <a href="#">1325</a> ,		<a href="#">829</a> , <a href="#">1483</a> , <a href="#">2269</a> , <a href="#">2307</a> , <a href="#">2530</a> , <a href="#">2558</a> , <a href="#">2639</a>
	<a href="#">2045</a> , <a href="#">2295</a> , <a href="#">2362</a> , <a href="#">2410</a> , <a href="#">2536</a> , <a href="#">2644</a>	<code>\thesisload</code> . . . . .	<a href="#">285</a>
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<code>\thesis@thanks</code> . . . . .	<a href="#">256</a> , <a href="#">1384</a> , <a href="#">1388</a>	<code>\thesissetup</code> . . . . .	<a href="#">13</a>
<code>\thesis@title</code> . . . . .	<a href="#">222</a> , <a href="#">227</a> , <a href="#">319</a> , <a href="#">1482</a> , <a href="#">2166</a>	<code>\thispagestyle</code> . . . . .	<a href="#">1249</a> ,
<code>\thesis@titleEn</code> . . . . .	<a href="#">230</a> , <a href="#">233</a> , <a href="#">2231</a>		<a href="#">1258</a> , <a href="#">1291</a> , <a href="#">1334</a> , <a href="#">1441</a> , <a href="#">1461</a> ,
<code>\thesis@titlePage@footnotesize</code> . .			<a href="#">1540</a> , <a href="#">1880</a> , <a href="#">2260</a> , <a href="#">2276</a> , <a href="#">2522</a> , <a href="#">2631</a>
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<code>\thesis@titlePage@Huge</code> . .	<a href="#">65</a> , <a href="#">1325</a> ,	<code>\title</code> . . . . .	<a href="#">15</a> , <a href="#">225</a>
	<a href="#">1733</a> , <a href="#">1745</a> , <a href="#">2045</a> , <a href="#">2266</a> , <a href="#">2295</a> , <a href="#">2296</a> ,	<code>\toc@font</code> . . . . .	<a href="#">1568</a>
	<a href="#">2362</a> , <a href="#">2410</a> , <a href="#">2527</a> , <a href="#">2536</a> , <a href="#">2636</a> , <a href="#">2644</a>	<code>\topmargin</code> . . . . .	<a href="#">1761</a>
<code>\thesis@titlePage@huge</code> .	<a href="#">65</a> , <a href="#">1732</a> , <a href="#">1744</a>	<code>\topsep</code> . . . . .	<a href="#">1639</a> ,
<code>\thesis@titlePage@LARGE</code> . . . . .			<a href="#">1648</a> , <a href="#">1676</a> , <a href="#">1685</a> , <a href="#">1716</a> , <a href="#">1724</a> , <a href="#">1937</a> ,
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	<a href="#">1743</a> , <a href="#">2262</a> , <a href="#">2283</a> , <a href="#">2298</a> , <a href="#">2524</a> , <a href="#">2633</a>		<a href="#">1981</a> , <a href="#">1983</a> , <a href="#">1997</a> , <a href="#">2005</a> , <a href="#">2011</a> , <a href="#">2013</a>
<code>\thesis@titlePage@Large</code> . . . . .		<code>\topskip</code> . . . . .	<a href="#">1765</a> , <a href="#">1770</a> , <a href="#">1798</a> , <a href="#">1826</a>
	. . . . . <a href="#">65</a> , <a href="#">1316</a> , <a href="#">1328</a> ,	<code>\twocolumn</code> . . . . .	<a href="#">1561</a>
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	<a href="#">2297</a> , <a href="#">2363</a> , <a href="#">2368</a> , <a href="#">2411</a> , <a href="#">2414</a> , <a href="#">2476</a> ,		
	<a href="#">2529</a> , <a href="#">2539</a> , <a href="#">2541</a> , <a href="#">2638</a> , <a href="#">2645</a> , <a href="#">2647</a>		
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1859, 1860, 1872, 1873, 1881, 1908,

1911, 1914, 1917, 1952, 1982, 2012

## Change History

v0.0	General: bachelor project of Daniel Marek under supervision of Petr Sojka . . . . . 1	v0.2.02	General: fix encoding bug [JP] . . . . . 1
v0.0a	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing . . . . . 1	v0.2.03	General: fix title spacing [PS, JP] . . . . . 1
v0.1	General: new release, documentation editing (CZ only, sorry) [PS] . . . . . 1	v0.2.04	General: fix SK declaration [Peter Cerensky, JP] . . . . . 1
v0.1a	General: minor documentation changes (CZ only, sorry) [PS] . . . . . 1	v0.2.05	General: add English abstract [JP] . . . . . 1
v0.1b	General: change of default size (11pt→12pt) [JP] . . . . . 1	v0.2.06	General: fix : behind Advisor [JP] . . . . . 1
v0.1c	General: default values of \facultyname and \@thesissubtitle set for backward compatibility) [PS] . . . . . 1	v0.2.07	General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP] \MainMatter should be placed after \tablesofcontents [PS] . . . . . 1
v0.1d	General: removed def schapter from fit1*.clo [JP] . . . . . 1	v0.2.08	General: add change of University name [JP] . . . . . 1
v0.1e	General: add Brno to MU title [JP] . . . . . 1	v0.2.09	General: add EN version of University name [JP] . . . . . 1
v0.1f	General: add documentation for hyperref [JP] . . . . . 1	v0.2.10	General: fix EN name of Acknowledgement [JP] . . . . . 1
v0.1g	General: change of default size (12pt→11pt) [JP] . . . . . 1	v0.2.11	General: fix missing fi-logo.mf [JP,PS] . . . . . 1
v0.2.00	General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP] . . . . . 1	v0.2.12	General: Licence change to the LPPL [JP] . . . . . 1
v0.2.01	General: add subsubsection to toc [JP] . . . . . 1	v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. <a href="http://github.com/liskin/fithesis">http://github.com/liskin/fithesis</a> . . . . . 1
		v0.3.00	General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path,

	\thesiscolor added to enable colorful typo elements [VN] . . . 1		
v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN] . . . . . 1		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
v0.3.02	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN] . . . . . 1		
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] . . . . . 1	v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN] . . . . . 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	v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18) Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17) . 1
v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodeLineIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) . . . . . 1	v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] . 1
v0.3.06	General: Added the colorx package and the base colors for each	v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packaged listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN] . . . . . 1

v0.3.11	<p>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. <code>\thesis@subdir</code> is now robust against relative paths. Accounted for French spacing in the guide. Fixed the <code>\thesis@english@facultyName</code> string. Documentation refinements. [VN] . . . . . 1</p>	<p><code>\ifthesis@blocks@assignment</code> conditional can be set either by the subsequently loaded style files or by the user. So far, only the <code>fi</code> and <code>sci</code> style files set the conditional. [VN] . . . . . 1</p>
v0.3.12	<p>General: The subsections and subsubsections now use the correct <code>tocdepth</code>. [VN] . . . . . 1</p>	
v0.3.13	<p>General: Fixed an inconsistency in the example code. Removed an extraneous <code>\thesis@blocks@clear</code> block withing the definition of <code>\thesis@blocks@frontMatter</code> in the <code>fss</code> style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the <code>med</code> and <code>ped</code> style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the <code>\thesis@blocks@bibEntry</code> and the <code>\thesis@blocks@bibEntryEn</code> blocks within the <code>sci</code> style file. The <code>\thesis@blocks@assignment</code> block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the</p>	<p>General: Updated the documentation. [VN] . . . . . 1</p>
		v0.3.14
		<p>General: Renamed <code>\thesis@requireStyle</code> to <code>\thesis@requireWithOptions</code> and moved the style loader from the <code>\thesis@load</code> routine to a new <code>\thesis@requireStyle</code> macro to make the semantics of <code>\thesis@requireLocale</code> and <code>\thesis@requireStyle</code> more similar. Changed the <code>basepath</code>, <code>logopath</code>, <code>localepath</code> and <code>stylepath</code> keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] . . . . . 1</p>
		v0.3.15
		<p>General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN] . . . . . 1</p>
		v0.3.16
		<p>General: Changed a forgotten <code>\thesis@lower{...}</code> invocation in the definition of <code>\thesis@czech@declaration</code> for the Faculty of Arts into <code>\thesis@lower{czech...}</code>, so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] . . 1</p>
		v0.3.17



v0.3.18	<p>General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output <code>fithesis3.ctan.zip</code> archive. Updated the license notice. Added a README file. Canonicalized a url within the user guides. Renamed the root directory from <code>fithesis3/</code> to <code>fithesis/</code>. Refactored the makefiles. Added developer example files. Renamed <code>docstrip.cfg</code> to <code>LICENSE.tex</code> to better describe its role. The <code>fithesis.dtx</code> file now generates a <code>VERSION.tex</code> file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN] . . . . . 1</p>	<p>eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] . . . . . 1</p>
v0.3.19	<p>General: Updated the license. Added the <code>fithesis-</code> prefix to locale files. Proof-read and updated the documentation. Encapsulated the <code>localeInheritance</code> and <code>styleInheritance</code> setters. Added the <code>\thesis@selectLocale{...}</code>, which acts as a replacement for <code>\def\thesis@locale{...}</code>, which also switches hyphenation patterns. The macro definitions inside locale files are now global to account for the fact that it now makes sense to include locale files on-site (and therefore possibly inside a group) using the <code>\thesis@selectLocale</code>. The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN] . . . . . 1</p>	<p>v0.3.21</p> <p>General: Fixed an invalid font name. [VN] . . . . . 1</p> <p>v0.3.22</p> <p>General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN] . . . . . 1</p> <p>v0.3.23</p> <p>General: Fixed a typo in the Slovak locale. [VN] . . . . . 1</p> <p>v0.3.24</p> <p>General: Added the <code>\thesis@backend tunable</code>. The hyphenation pattern switching now uses <code>polyglossia</code> instead of crude <code>\language</code> switching whenever possible. Added the opt-out microtype class option, which loads the microtypographic extension. The <code>\thesis@locale@summer</code> and <code>@winter</code> locale macros were renamed to <code>@spring</code> and <code>@fall</code>. The <code>\thesis@parseDate</code> now uses more realistic month ranges to set <code>\thesis@season</code> and <code>\thesis@academicYear</code>. Removed the extraneous indent in the <code>\thesis@blocks@declaration</code> macro definition within the <code>style/mu/fithesis-fi.sty</code> style file. <code>\paragraphs</code> are not included in the table of contents by default. The table class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the</p>
v0.3.20	<p>General: Removed an extraneous <code>\hypersetup</code> option to</p>	



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

	University in Brno now correctly handles all tocdepth values. The expansion of \part also no longer results in a hyperref-related error in the style files of the Masaryk University in Brno. [VN] . . . . . 1		Added a section on the markdown package to the example documents of the Masaryk University in Brno. Added the \ifthesis@blocks@assignment@hideIfDigital@ conditional to the style/mu/fithesis-base.sty style file. [VN] . . . . . 1
v0.3.38:1	General: The bib key was added on the fithesis3 class level and is supported by the style files of the Masaryk University in Brno. [VN] . . . . . 1	v0.3.41	General: Removed the arbitrary limitation of \thesissetup, which prevented it from accepting multi-paragraph values. The \thesislong macro is therefore no longer necessary, but kept around for backwards compatibility. [VN] . . . . . 1
v0.3.38:2	General: Fixed \thesis@pages not taking \thesis@postamble into account. Fixed the chapter number being printed regardless of secnumdepth by the style files of the Masaryk University in Brno. Fixed \thesis@blocks@assignment being typeset in Czech only by the style file of the Faculty of Science at the Masaryk University in Brno. [VN] . . . . . 1	v0.3.42	General: Documented that all color settings are done in the rgb colorspace, which makes the color option suitable mostly for the digital versions of fithesis documents rather than for printing. Added the thesis proposal thesis type. [VN] . . . . . 1
v0.3.39:1	General: The \thesis@blocks@bibliography now uses an emergency stretch of 3 em in the style files of the Masaryk University in Brno. [VN] . . . . . 1	v0.3.43	General: Added a mention about the thesis proposal thesis type to the user guide for the Faculty of Informatics at the Masaryk University, Brno and fixed a bad citation in the user guides for the Masaryk University, Brno. Added an extra english option for babel in the examples for the Masaryk University, Brno. \thesis@blocks@thanks no longer gobbles leading spaces of \thesis@thanks. A fix in the Slovak locale by kiraacorsac at GitHub. [VN] . . . . . 1
v0.3.39:2	General: The assignment key no longer affects the page numbers and takes into account the digital and printed class options in the style files of the Masaryk University in Brno. [VN] . . . . . 1		
v0.3.40	General: Fixed \thesis@pages not working properly when the autoLayout key is set to false.		