

# The fithesis4 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 fithesis4 document class. It contains technical information for anyone who wishes to extend the class with their locale or 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 `fithesis4` class.

```

1 \ProvidesClass{fithesis4}[\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  $X_{\text{e}}\LaTeX$  engine.
- `ifluatex` – Used to detect the  $\text{Lua}\LaTeX$  engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the  $X_{\text{e}}\LaTeX$  and  $\text{Lua}\LaTeX$  engines.
- `xpatch` – Used to redefine parts of code in macros without redefining the whole macro.

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
13 \RequirePackage{xpatch}

```

## 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.

The class options specify the *form* of the document.

### 2.2 The \thesissetup macro

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

Contrary to the class options, the *key=value* pairs of the `\thesissetup` macro specify meta-information about the document.

```
14 \long\def\thesissetup#1{%
15   \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/`.

```
16 \def\thesis@basepath{fithesis/}
17 \define@key{thesis}{basePath}{%
18   \ifx\thesis@empty#1\thesis@empty
19   \def\thesis@basepath{}%
20   \else
21     \def\thesis@basepath{#1/}%
22   \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/`.

```
23 \def\thesis@logopath{\thesis@basepath logo/\thesis@university/}
24 \define@key{thesis}{logoPath}{%
25   \def\thesis@logopath{\thesis@subdir#1%
26     \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/`.

```
27 \def\thesis@stylepath{\thesis@basepath style/}
28 \define@key{thesis}{stylePath}{%
29   \def\thesis@stylepath{\thesis@subdir#1%
30     \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/`.

```
31 \def\thesis@localepath{\thesis@basepath locale/}
32 \define@key{thesis}{localePath}{%
33   \def\thesis@localepath{\thesis@subdir#1%
34     \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`.

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

```

58         \fi
59         \fi
60     \else
61         \if#2/%      ./<path> -> ./<path>/
62         ./#3#4/%
63     \else
64         \thesis@basepath#1#2#3#4/%
65     \fi
66 \fi
67 \fi
68 \else
69     \thesis@basepath#1#2#3#4/%
70 \fi
71 \fi
72 \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.

```

73 \newcommand{\thesis@def}[2][]{%
74   \expandafter\def\csname thesis@#2\endcsname{%
75     <<\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}`.

```

76 \def\thesis@declaration{\thesis@@{declaration}}
77 \long\def\KV@thesis@declaration#1{%
78   \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.

```

79 \newif\ifthesis@woman\thesis@womanfalse
80 \define@key{thesis}{gender}{%
81   \def\thesis@male{m}%
82   \def\thesis@arg{#1}%
83   \ifx\thesis@male\thesis@arg
84     \thesis@womanfalse
85   \else
86     \thesis@womantrue
87   \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.

```

88 \def\thesis@parseAuthor#1{%
89   \def\thesis@author{#1}%
90   \def\thesis@author@head{\expandafter\expandafter\expandafter
91     \@gobble\thesis@head#1 \relax}%
92   \def\thesis@author@tail{\thesis@tail#1 \relax}}
93 \thesis@def{author}%
94 \thesis@def[author]{author@head}%
95 \thesis@def[author]{author@tail}%
96 \define@key{thesis}{author}{%
97   \thesis@parseAuthor{#1}}
98 \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.

```

99 \thesis@def{id}
100 \define@key{thesis}{id}{%
101   \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@proposal`, `\thesis@doctoral` and `\thesis@rigorous` macros containing the corresponding *type* values are available as a part of the private API.

```

\thesis@sempaper
\thesis@bachelors
\thesis@masters
\thesis@proposal
\thesis@doctoral
\thesis@rigorous
102 \def\thesis@sempaper{sem}
103 \def\thesis@bachelors{bc}
104 \def\thesis@masters{mgr}
105 \def\thesis@proposal{prop}
106 \def\thesis@doctoral{d}
107 \def\thesis@rigorous{r}
108 \let\thesis@type\thesis@bachelors
109 \define@key{thesis}{type}{%
110   \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.

```

111 \def\thesis@university{mu}
112 \define@key{thesis}{university}{%
113   \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 Faculty of Pharmacy	pharm

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

```

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

```

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

The `{\langle department=name\rangle}` pair sets the name of the department, at which the thesis is being written, to *name*. Unlike the university and faculty identifiers, `fithesis4` 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.

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

```

126 \thesis@def{programmeEn}
127 \define@key{thesis}{programmeEn}{%
128   \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.

```
129 \thesis@def{field}  
130 \define@key{thesis}{field}{%  
131   \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.

```
132 \thesis@def{fieldEn}  
133 \define@key{thesis}{fieldEn}{%  
134   \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-\thesis@locale`. The `fithesis-` prefix serves to prevent package clashes with other similarly named files within the  $\TeX$  directory structure. The logo file is loaded from the `\thesis@logopath\thesis@universityLogo` path.

```
135 \def\thesis@universityLogo{fithesis-base-\thesis@locale}  
136 \define@key{thesis}{universityLogo}{%  
137   \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-\thesis@locale`. The `fithesis-` prefix serves to prevent package clashes with other similarly named files within the  $\TeX$  directory structure. The logo file is loaded from the `\thesis@logopath\thesis@facultyLogo` path.

```
138 \def\thesis@facultyLogo{fithesis-\thesis@faculty-\thesis@locale}  
139 \define@key{thesis}{facultyLogo}{%  
140   \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@university-\thesis@faculty`. When the *filename* is an empty token string, no style files will be loaded during the main routine (see Section 2.4).

```
141 \def\thesis@style{\thesis@university/fithesis-\thesis@university-\thesis@faculty}
142 \define@key{thesis}{style}{%
143   \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.

```
144 \newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
145 \define@key{thesis}{styleInheritance}[true]{%
146   \begingroup
147   \def\@true{true}%
148   \def\@arg{#1}%
149   \ifx\@true\@arg
150     \endgroup\thesis@style@inheritancetrue
151   \else
152     \endgroup\thesis@style@inheritancefalse
153   \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).

```
154 \def\thesis@locale{%
155   % Babel / polyglossia detection
156   \ifx\language\undefined
157     english\else\language\fi}
158 \define@key{thesis}{locale}{%
159   \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.

```

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

```

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

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

```

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

```

### 2.2.24 The date key

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

`\thesis@parseDate`  
`\thesis@date`  
`\thesis@year`  
`\thesis@month`  
`\thesis@day`  
`\thesis@season`

- `\thesis@date` – The entire *date*
- `\thesis@month` – The MM of *date*
- `\thesis@year` – The YYYY of *date*
- `\thesis@day` – The DD of *date*
- `\thesis@season` – Expands to either:
  - spring if  $2 < \text{MM} < 9$ ,

– fall if  $MM \leq 2$  or  $MM \geq 9$ .

`\thesis@seasonYear` • `\thesis@seasonYear` – The year of the given semester:

–  $YYYY - 1$  if  $MM \leq 2$ .

–  $YYYY$  if  $MM > 2$

`\thesis@academicYear` • `\thesis@academicYear` – The academic year of the given semester:

–  $YYYY - 1/YYYY$  if  $MM < 9$ .

–  $YYYY/YYYY + 1$  if  $MM \geq 9$

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.

```

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

```

```

217 \define@key{thesis}{date}{\%
218   \edef\@date{#1}%
219   \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.

```

220 \def\thesis@place{Brno}
221 \define@key{thesis}{place}{\%
222   \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.

```

223 \thesis@def{title}
224 \define@key{thesis}{title}{\%
225   \def\thesis@title{#1}}
226 \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.

```

227 \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`.

```

228 \def\thesis@TeXtitle{\thesis@title}
229 \define@key{thesis}{TeXtitle}{\%
230   \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.

```

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

```
234 \def\thesis@TeXtitleEn{\thesis@titleEn}
235 \define@key{thesis}{TeXtitleEn}{%
236   \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.

```
237 \thesis@def{keywords}
238 \define@key{thesis}{keywords}{%
239   \def\thesis@keywords{#1}}
```

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

The `{\TeXkeywords=list}` pair sets the T<sub>E</sub>X 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.

```
240 \def\thesis@TeXkeywords{\thesis@keywords}
241 \define@key{thesis}{TeXkeywords}{%
242   \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.

```
243 \thesis@def{keywordsEn}
244 \define@key{thesis}{keywordsEn}{%
245   \def\thesis@keywordsEn{#1}}
```

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

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

```
246 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
247 \define@key{thesis}{TeXkeywordsEn}{%
248   \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.

```
249 \thesis@def{abstract}
250 \long\def\KV@thesis@abstract#1{%
251   \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.

```
252 \thesis@def{abstractEn}
253 \long\def\KV@thesis@abstractEn#1{%
254   \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.

```
255 \thesis@def{advisor}
256 \define@key{thesis}{advisor}{\def\thesis@advisor{#1}}
```

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

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

```
257 \long\def\KV@thesis@thanks#1{%
258   \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.

```
259 \define@key{thesis}{assignment}{%
260   \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.

```
261 \define@key{thesis}{bib}{%
262   \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.

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

`\thesis@pages@preamble` The `\thesis@pages@preamble` macro contains the last page number within the preamble of the document. During the first  $\mathrm{T\!E\!X}$  compilation, the macro expands to ??.

```
272 \ifx\thesis@pages@preamble\undefined
273   \def\thesis@pages@preamble{??}\fi
```

`\thesis@pages@postamble` The `\thesis@pages@postamble` macro contains the last page number prior to the postamble of the document. During the first  $\mathrm{T\!E\!X}$  compilation, the macro expands to ??.

```
274 \ifx\thesis@pages@postamble\undefined
275   \def\thesis@pages@postamble{??}\fi
```

`\thesis@preamble`  
`\thesis@postamble`  
`\thesis@blocks@preamble`  
`\thesis@blocks@postamble` The `\thesis@preamble` and `\thesis@postamble` macros temporarily switch to the hyphenation patterns and the `csquotes` style of the main locale and typeset the contents of the `\thesis@blocks@preamble` or `\thesis@blocks@postamble` macros, respectively; the latter two macros are to be redefined by the loaded style files.

After expanding `\thesis@blocks@preamble` inside a  $\mathrm{T\!E\!X}$  group, the `\thesis@preamble` macro defines the `\thesis@pages@preamble` macro, writes the definition to the auxiliary file, and clears the page. After leaving the group, the `\thesis@preamble`

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

```

276 \def\thesis@preamble{%
277   {\thesis@selectLocale{\thesis@locale}%
278    \thesis@blocks@preamble
279    \gdef\thesis@pages@preamble{\thepage}
280    \write\@auxout{\noexpand\gdef\noexpand
281      \thesis@pages@preamble{\thepage}}
282    \clearpage}
283   \thesis@blocks@mainMatter}
284
285 \let\thesis@blocks@preamble\relax
286 \let\thesis@blocks@mainMatter\relax

```

Before expanding `\thesis@blocks@postamble` inside a  $\TeX$  group, the `\thesis@postamble` macro defines the `\thesis@pages@postamble` macro, writes the definition to the auxiliary file, and clears the page.

```

287 \def\thesis@postamble{%
288   \gdef\thesis@pages@postamble{\thepage}
289   \immediate\write\@auxout{\noexpand\gdef\noexpand
290     \thesis@pages@postamble{\thepage}}
291   {\thesis@selectLocale{\thesis@locale}%
292    \thesis@blocks@postamble}}
293
294 \let\thesis@blocks@postamble\relax

```

### 2.2.41 The extra key

The `{\extra={\langle keyvals \rangle}}` pair enables the definition of extra data fields, where *keyvals* is a comma-delimited list of *key=value* pairs as defined by the `keyval` package. For each *key=value* pair, a `\thesis@extra@key` is defined to be *value*. These extra data fields are provided as a unified interface for passing additional data to the style and locale files.

```

295 \def\thesis@extra@KV@prefix{KV@thesis@extra@}
296 \def\thesis@extra@XKV@fams{\thesis@extra}
297 \long\def\KV@thesis@extra#1{%

```

Patch the `xkeyval` package to support unknown keys.

```

298   \long\def\XKV@s@tk@ys##1=##2=##3\@nil{%
299     \XKV@g@tk@name##1=\@nil\XKV@tkey
300     \expandafter\KV@sp@def\expandafter\XKV@tkey\expandafter{\XKV@tkey}%
301     \ifx\XKV@tkey\@empty
302       \XKV@toks{##2}%
303       \ifcat$\the\XKV@toks$\else
304         \XKV@err{no key specified for value ‘\the\XKV@toks’}%
305       \fi
306     \else
307       \expandtwoargs\in@{\XKV@tkey,}{\XKV@na,}%
308       \ifin@ \else

```

```

309 \XKV@knftrue
310 \KV@@sp@def\XKV@tempa{##2}%
311 \ifXKV@preset\XKV@setkeys{##3}\else
312   \ifXKV@pl
313     \XKV@for@eo\XKV@fams\XKV@tfam{%
314       \XKV@makehd\XKV@tfam
315       \XKV@setkeys{##3}%
316     }%
317   \else
318     \XKV@whilst\XKV@fams\XKV@tfam\ifXKV@knf\fi{%
319       \XKV@makehd\XKV@tfam
320       \XKV@setkeys{##3}%
321     }%
322   \fi
323 \fi
324 \ifXKV@knf
325   \ifXKV@inpx
326     \ifx\XKV@doxs\relax
327       \ifx\@current\@clsextension\else
328         \let\CurrentOption\XKV@tkey\@unknownoptionerror
329       \fi
330     \else\XKV@doxs\fi
331   \else
332     \ifXKV@st
333       \XKV@addtolist@o\XKV@rm\CurrentOption
334     \else
335       \ifx\XKV@fams\thesis@extra@XKV@fams
336         \expandafter\long\expandafter\def\csname%
337           thesis@extra@\XKV@tkey\endcsname{##2}%
338       \else
339         \XKV@err{'\XKV@tkey' undefined in families
340           '\XKV@fams'}%
341       \fi
342     \fi
343   \fi
344 \else
345   \ifXKV@inpx\ifx\XKV@testclass\XKV@documentclass
346     \expandafter\XKV@useoption\expandafter{\CurrentOption}%
347   \fi\fi
348 \fi
349 \fi
350 \fi
351 }%
352 \setkeys{thesis@extra}{#1}%
353 \def\KV@prefix{KV@thesis@}

```

Patch the KEYVAL package to support unknown keys.

```

354 \long\def\KV@split#1=#2=#3\relax{%
355   \KV@@sp@def\@tempa{#1}%
356   \ifx\@tempa\@empty\else

```

```

357 \expandafter\let\expandafter\@tempc
358 \csname KV@prefix\@tempa\endcsname
359 \ifx\@tempc\relax
360 \ifx KV@prefix\thesis@extra KV@prefix
361 \KV@sp@def\@tempb{#2}%
362 \expandafter\let\csname thesis@extra@\@tempa\endcsname
363 \@tempb%
364 \else
365 \KV@errx
366 {\@tempa\space undefined}%
367 \fi
368 \else
369 \ifx\@empty#3\@empty
370 \KV@default
371 \else
372 \KV@sp@def\@tempb{#2}%
373 \expandafter\@tempc\expandafter{\@tempb}\relax
374 \fi
375 \fi
376 \fi}

```

`\thesis@def@extra` The `\thesis@def@extra[<definition>]{<name>}` macro defines the `\thesis@extra@name` macro to expand to either *definition*, if specified, or to `\thesis@placeholder@extra@name`, where `\thesis@placeholder@extra@name` is defined to expand to «*extra@name*». If `\thesis@extra@name` has already been defined by the user, `\thesis@def@extra` has no effect.

```

377 \newcommand{\thesis@def@extra}[2][{}]{%
378 \expandafter\ifx\csname thesis@extra@#2\endcsname\relax
379 \def\thesis@placeholder@extra{<<extra@#2>>}%
380 \expandafter\let\csname thesis@placeholder@extra@#2\endcsname
381 \thesis@placeholder@extra
382 \def\thesis@arg{#1}%
383 \ifx\empty\thesis@arg
384 \expandafter\let\csname thesis@extra@#2\endcsname
385 \thesis@placeholder@extra
386 \else
387 \expandafter\def\csname thesis@extra@#2\endcsname{#1}%
388 \fi
389 \fi}

```

## 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:

```

390 \long\def\thesislong#1#2{%
391 \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 `\ifthesisloaded` macro ensures that the expansion is only performed once. For backwards compatibility, the `\thesis@load` macro can be used to the same effect.

```

392 \newif\ifthesisloaded\thesisloadedfalse
393 \BeforeBeginEnvironment{document}{\thesisload}
394 \def\thesis@load{\thesisload}
395 \def\thesisload{%
396   \ifthesisloaded\else
397     \thesisloadedtrue
398     \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.

```

399   \ifx\thesis@locale\empty\else
400     \edef\thesis@locale{\thesis@locale}
401     \thesis@requireLocale{\thesis@locale}
402   \fi

```

Coerce Lua<sub>TeX</sub> into defining `\l@locale` for *locales* with known hyphenation patterns, unless `babel` or `polyglossia` have been loaded. In that case, `\l@locale` has already been defined.

```

403   \ifluatex
404     \ltx@ifpackageloaded{babel}{\fi}
405     \ltx@ifpackageloaded{polyglossia}{\fi}
406     \thesis@require{babel}}
407 \fi

```

Fix the value of the `\ifthesis@english` macro.

```

408 \ifthesis@english
409   \expandafter\expandafter\expandafter\let\expandafter\expandafter
410   \csname ifthesis@english\endcsname\csname iftrue\endcsname
411 \else
412   \expandafter\expandafter\expandafter\let\expandafter\expandafter
413   \csname ifthesis@english\endcsname\csname iffalse\endcsname
414 \fi

```

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

```

415   \ifx\thesis@style\empty\else
416     \thesis@requireStyle{\thesis@style}
417   \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.

```

418 \ifx\language\empty\else
419   \begingroup
420   \edef\@doclocale{\language}%
421   \ifx\@doclocale\thesis@locale
422     \endgroup
423     \AtBeginDocument{%
424       \thesis@selectLocale{\thesis@locale}}%
425   \else
426     \endgroup
427   \fi
428 \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 `2021/07/18 v1.0.1 fithesis4 MU thesis class`.

```

429 \thesis@require{hyperref}
430 \hypersetup{
431   unicode=true,
432   pdfencoding=auto,
433   pdftitle=\thesis@title,
434   pdfauthor=\thesis@author,
435   pdfkeywords=\thesis@keywords,
436   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.

```

437 \ifthesis@auto
438   \AtBeginDocument{\thesis@preamble}
439   \AtEndDocument{%
440     \thesis@postamble
441     \immediate\write\@auxout{%
442       \noexpand\gdef\noexpand\thesis@pages{\thepage}}}
443   \else
444     \AtEndDocument{%
445       \immediate\write\@auxout{%
446         \noexpand\gdef\noexpand\thesis@pages{\thepage}}}
447   \fi
448 \makeatother
449 \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.

```
450 \def\thesis@exists#1#2{%
451   \IfFileExists{#1}{#2}{%
452     \ClassWarning{fithesis4}{File #1 doesn't exist}}}
```

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

```
453 \def\thesis@input#1{%
454   \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.

```
455 \newcommand\thesis@require[2][{%
456   \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.

```
457 \newcommand\thesis@requireIfExists[2][{%
458   \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-\thesis@university-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.

```
459 \def\thesis@requireStyle#1{%
460   \ifthesis@style@inheritance
461     \thesis@requireIfExists{\thesis@stylepath fithesis-base}%
462     \thesis@requireIfExists{\thesis@stylepath\thesis@university
463       /fithesis-\thesis@university-base}%
464   \fi
465   \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.

```

466 \def\thesis@requireLocale#1{%
467   % Ignore redundant requests
468   \expandafter\ifx\csname thesis@#1@required\endcsname\relax
469   \expandafter\def\csname thesis@#1@required\endcsname{}%
470   \@ifpackageloaded{polyglossia}{\setotherlanguage{#1}}{}
471   \thesis@input{\thesis@localepath fithesis-#1.def}%
472   \ifthesis@locale@inheritance
473     \thesis@input{\thesis@localepath\thesis@university/%
474       fithesis-#1.def}%
475     \thesis@input{\thesis@localepath\thesis@university/%
476       \thesis@faculty/fithesis-#1.def}%
477   \fi
478   \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.

```

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

```

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

```

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

```

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

```

481 \def\thesis@lower#1{{%
482   \let\ea\expandafter
483   \ea\MakeLowercase\ea{\csname thesis@#1\endcsname}}}
484 \def\thesis@upper#1{{%

```

```

485 \let\ea\expandafter
486 \ea\MakeUppercase\ea{\csname thesis@#1\endcsname}}
\thesis@@lower The \thesis@@lower and \thesis@@upper macros are used for upper- and low-
\thesis@@upper   ercasing current locale strings within style files. To cast the \thesis@locale@name
macro to the lower- or uppercase, \thesis@@lower{name} or \thesis@@upper{name}
would be used, respectively. The name gets fully expanded and can therefore con-
tain active characters and command sequences.
487 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
488 \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.
489 \def\thesis@head#1 #2{%
490   \ifx\relax#2%
491     \expandafter\@gobbletwo
492   \else
493     \ #1%
494   \fi
495   \thesis@head#2}%
496 \def\thesis@tail#1 #2{%
497   \ifx\relax#2%
498     #1%
499     \expandafter\@gobbletwo
500   \fi
501   \thesis@tail#2}%

```

### 3.3 General purpose macros

`\thesis@pages` The `\thesis@pages` macro contains the last page number within the document. During the first T<sub>E</sub>X compilation, the macro expands to ??.

```

502 \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.

```

503 \def\thesis@selectLocale#1{%
504   \edef\thesis@locale{#1}%
505   \ltx@ifpackageloaded{csquotes}{%
506     \csq@setstyle{\thesis@@{csquotesStyle}}%
507   }{}%
508   \ltx@ifpackageloaded{polyglossia}{%
509     \selectlanguage{\thesis@locale}
510   }{}%

```

```

511 \language\csname l@thesis@locale\endcsname
512 }}

```

`\thesis@patch` The `\thesis@patch{<versions>}{<patch>}` macro expands *patch*, if `\thesis@version@number` (defined at the top of the file `fithesis4.cls`) matches any of the comma-delimited *versions*. This macro enables the simple deployment of version-targeted patches.

```

513 \def\thesis@patch#1#2{%
514   \def\thesis@patch@versions{#1}%
515   \def\thesis@patch@action{#2}%
516   \def\thesis@patch@next##1,{%
517     \def\thesis@patch@arg{##1}%
518     \def\thesis@patch@relax{\relax}%
519     \ifx\thesis@patch@arg\thesis@version@number
520       \def\thesis@patch@next###1\relax,{}%
521       \expandafter\thesis@patch@action
522       \expandafter\thesis@patch@next
523     \else\ifx\thesis@patch@arg\thesis@patch@relax\else
524       \expandafter\expandafter\expandafter\thesis@patch@next
525     \fi\fi}%
526   \expandafter\expandafter\expandafter\thesis@patch@next
527   \expandafter\thesis@patch@versions\expandafter,\relax,}

```

`\thesis@xpatch` The `\thesis@xpatch{<command>}{<search>}{<replace>}` macro is used to replace *search* with *replace* in the definition of *command*. If the replacement fails, a class error is written to the output.

```

528 \long\def\thesis@xpatch#1#2#3{%
529   \xpatchcmd{#1}{#2}{#3}{}%
530   {\ClassError{fithesis4}{%
531     Command \string#1 does not contain the searched text}}{}

```

## 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 `dtxtut`, `docstrip`, `doc` and `ltxdoc` manuals.

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

### 3.4.1 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 acknowledgements 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
- `\thesis@locale@authorSignature` – The label of the author’s signature field
- `\thesis@locale@formattedDate` – A formatted date
- `\thesis@locale@advisorSignature` – The label of the author’s signature field

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.

```
532 \ProvidesFile{fithesis/locale/fithesis-english.def}[2021/02/26]
```

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

```
533
534 % Placeholders
535 \gdef\thesis@english@universityName{University name}
536 \gdef\thesis@english@facultyName{Faculty name}

537 \gdef\thesis@english@assignment{%
538   This is where a copy of the official signed thesis assignment
539   is located in the printed version of the document.}
540 \gdef\thesis@english@declaration{Declaration text ...}
541
542 % Csquotes style
543 \gdef\thesis@english@csquotesStyle{english}
544
545 % Time strings
546 \gdef\thesis@english@spring{Spring}
547 \gdef\thesis@english@fall{Fall}
548 \gdef\thesis@english@semester{%
549   \thesis@{english@\thesis@season} \thesis@seasonYear}
550 \gdef\thesis@english@formattedDate{%
551   \thesis@day.
552   \newcount\@month\expandafter\@month\thesis@month\relax
553   \ifnum\@month=1%
554     January
555   \else\ifnum\@month=2%
556     February
557   \else\ifnum\@month=3%
558     March
559   \else\ifnum\@month=4%
560     April
561   \else\ifnum\@month=5%
562     May
563   \else\ifnum\@month=6%
564     June
565   \else\ifnum\@month=7%
566     July
567   \else\ifnum\@month=8%
568     August
569   \else\ifnum\@month=9%
570     September
571   \else\ifnum\@month=10%
572     October
573   \else\ifnum\@month=11%
574     November
```

```

575 \else\ifnum\@month=12%
576     December
577 \else
578     <<unknown month (\the\@month)>>
579 \fi\fi\fi\fi\fi\fi
580 \fi\fi\fi\fi\fi\fi
581 \thesis@year}}
582

583 % Miscellaneous
584 \gdef\thesis@english@authorSignature{Author's signature}

585 \gdef\thesis@english@advisorSignature{Signature of Thesis
586 \thesis@english@advisorTitle}
587 \gdef\thesis@english@fieldTitle{Field of Study}
588 \gdef\thesis@english@advisorTitle{Advisor}
589 \gdef\thesis@english@authorTitle{Author}
590 \gdef\thesis@english@abstractTitle{Abstract}
591 \gdef\thesis@english@keywordsTitle{Keywords}

592 \gdef\thesis@english@thanksTitle{Acknowledgements}
593 \gdef\thesis@english@declarationTitle{Declaration}
594 \gdef\thesis@english@summaryTitle{Summary}
595 \gdef\thesis@english@idTitle{ID}
596 \gdef\thesis@english@typeName@sempaper{Seminar Paper}
597 \gdef\thesis@english@typeName@bachelors{Bachelor's Thesis}
598 \gdef\thesis@english@typeName@masters{Master's Thesis}
599 \gdef\thesis@english@typeName@proposal{Thesis Proposal}
600 \gdef\thesis@english@typeName@doctoral{Doctoral Thesis}
601 \gdef\thesis@english@typeName@rigorous{Rigorous Thesis}
602 \gdef\thesis@english@typeName{%
603 \ifx\thesis@type\thesis@sempaper
604 \thesis@english@typeName@sempaper
605 \else\ifx\thesis@type\thesis@bachelors
606 \thesis@english@typeName@bachelors
607 \else\ifx\thesis@type\thesis@masters
608 \thesis@english@typeName@masters
609 \else\ifx\thesis@type\thesis@proposal
610 \thesis@english@typeName@proposal
611 \else\ifx\thesis@type\thesis@doctoral
612 \thesis@english@typeName@doctoral
613 \else\ifx\thesis@type\thesis@rigorous
614 \thesis@english@typeName@rigorous
615 \else
616 <<Unknown thesis type (\thesis@type)>>%
617 \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.

```
618 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2017/07/09]
619 \gdef\thesis@english@universityName{Masaryk University}
620 \gdef\thesis@english@declaration{%
621   Hereby I declare that this paper is my original authorial work,
622   which I have worked out on my own. All sources, references, and
623   literature used or excerpted during elaboration of this work are
624   properly cited and listed in complete reference to the due source.}
625
626 % Placeholders

627 \gdef\thesis@english@assignment{%
628   \ifthesis@digital@
629   \else
630   \fi}

631 \gdef\thesis@english@assignment{%
632   \ifthesis@blocks@assignment@hideIfDigital@
633   \ifthesis@digital@
634     This is where a copy of the official signed thesis assignment
635     is located in the printed version of the document.
636   \else
637     Replace this page with a copy of the official signed thesis
638     assignment.
639   \fi
640 \else
641   Set the PDF document containing the official signed thesis
642   assignment using the <<assignment>> key.
643 \fi}
644
645 % Bibliographic entry
646 \gdef\thesis@english@bib@title{Bibliographic record}
647 \gdef\thesis@english@bib@pages{p}

648 \global\let\thesis@english@bib@author\thesis@english@authorTitle
649 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
650 \gdef\thesis@english@bib@advisor{Supervisor}

651 \gdef\thesis@english@bib@programme{Degree Programme}
652 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
653 \gdef\thesis@english@bib@academicYear{Academic Year}
654 \gdef\thesis@english@bib@pages{Number of Pages}
655 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle
656
657 % Miscellaneous
658 \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.

```
659 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
660 \gdef\thesis@english@facultyName{Faculty of Law}
661 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
662 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.

```
663 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2017/06/02]
664
665 % Placeholders
666 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
667
668 % Miscellaneous
669 \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.

```
670 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2016/05/25]
671
672 % Placeholders
673 \gdef\thesis@english@facultyName{Faculty of Social Studies}
674 \gdef\thesis@english@assignment{%
675   \ifthesis@digital@
676     This is where a copy of the official signed thesis assignment
677     or a copy of the Statement of an Author or both are located
678     in the printed version of the document.
679   \else
680     Replace this page with a copy of the official signed thesis
681     assignment or a copy of the Statement of an Author or both,
682     depending on the requirements of the respective department.
683   \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` and `abstractTitle` placeholders with the correct value. The locale file also defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis-econ.sty` style file.

```
684 \ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2017/06/02]
```



```

685
686 % Placeholders
687 \gdef\thesis@english@facultyName{Faculty of Economics
688   and Administration}
689
690 % Miscellaneous
691 \gdef\thesis@english@abstractTitle{Annotation}

```

#### 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.

```

692 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2016/03/23]
693
694 % Placeholders
695 \gdef\thesis@english@facultyName{Faculty of Medicine}
696
697 % Miscellaneous
698 \gdef\thesis@english@abstractTitle{Annotation}

```

#### 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.

```

699 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2021/02/26]
700
701 % Placeholders
702 \gdef\thesis@english@facultyName{Faculty of Informatics}
703 \gdef\thesis@english@assignment{Replace this page with a copy
704   of the official signed thesis assignment and a copy of the
705   Statement of an Author.}
706 \gdef\thesis@english@assignment{%
707   \ifthesis@digital@
708     This is where a copy of the official signed thesis assignment
709     and a copy of the Statement of an Author is located in the
710     printed version of the document.
711   \else
712     Replace this page with a copy of the official signed thesis
713     assignment and a copy of the Statement of an Author.
714   \fi}
715
716 % Others
717 \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.

```
718 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2016/03/22]
719 \gdef\thesis@english@facultyName{Faculty of Arts}
720 \gdef\thesis@english@departmentName{%
721   \ifx\thesis@department\thesis@departments@kisk
722     Division of Information and Library Studies%
723   \else
724     <<Unknown department (\thesis@department)>>%
725   \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.

```
726 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2016/03/22]
727
728 % Placeholders
729 \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.

```
730 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2017/06/02]
731
732 % Placeholders
733 \gdef\thesis@english@facultyName{Faculty of Science}
734
735 % Miscellaneous
736 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
737
```

### 3.4.2.12 The locale/mu/pharm/fithesis-english.def file

This is the English locale file specific to the Faculty of Pharmacy at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and redefines the `abstractTitle` in accordance with the guidelines of the faculty.

```

738 \ProvidesFile{fithesis/locale/mu/pharm/fithesis-english.def}[2021/03/26]
739
740 % Placeholders
741 \gdef\thesis@english@facultyName{Faculty of Pharmacy}
742
743 % Miscellaneous
744 \gdef\thesis@english@abstractTitle{Annotation}

```

### 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.

```

745 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2021/02/26]

```

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.

```

746
747 % Pomocná makra
748 \gdef\thesis@czech@gender@koncovka{%
749   \ifthesis@woman a\fi}
750
751 % Csquotes styl
752 \gdef\thesis@czech@csquotesStyle{german}
753
754 % Zástupné texty
755 \gdef\thesis@czech@universityName{Název univerzity}
756 \gdef\thesis@czech@facultyName{Název fakulty}

757 \gdef\thesis@czech@assignment{%
758   Na tomto místě se v~tištěné práci nachází oficiální podepsané
759   zadání práce.}
760 \gdef\thesis@czech@declaration{Text prohlášení ...}
761
762 % Časové údaje
763 \gdef\thesis@czech@spring{jaro}
764 \gdef\thesis@czech@fall{podzim}
765 \gdef\thesis@czech@semester{%
766   \thesis@{czech@\thesis@season} \thesis@seasonYear}
767 \gdef\thesis@czech@formattedDate{%
768   \thesis@day.
769   \newcount\@month\expandafter\@month\thesis@month\relax
770   \ifnum\@month=1%
771     ledna

```

```

772 \else\ifnum \@month=2%
773     února
774 \else\ifnum \@month=3%
775     března
776 \else\ifnum \@month=4%
777     dubna
778 \else\ifnum \@month=5%
779     května
780 \else\ifnum \@month=6%
781     června
782 \else\ifnum \@month=7%
783     července
784 \else\ifnum \@month=8%
785     srpna
786 \else\ifnum \@month=9%
787     září
788 \else\ifnum \@month=10%
789     října
790 \else\ifnum \@month=11%
791     listopadu
792 \else\ifnum \@month=12%
793     prosince
794 \else
795     <<neznámý měsíc (\the\@month)>>
796 \fi\fi\fi\fi\fi\fi
797 \fi\fi\fi\fi\fi\fi
798 \thesis@year}}
799
800 % Různé
801 \gdef\thesis@czech@authorSignature{%
802     Podpis autor\ifthesis@woman ky\else a\fi}
803 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
804 \gdef\thesis@czech@fieldTitle{Obor}
805 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
806 \gdef\thesis@czech@authorTitle{Autor}
807 \gdef\thesis@czech@abstractTitle{Shrnutí}
808 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
809 \gdef\thesis@czech@thanksTitle{Poděkování}
810 \gdef\thesis@czech@declarationTitle{Prohlášení}
811 \gdef\thesis@czech@summaryTitle{Resumé}
812 \gdef\thesis@czech@idTitle{ID}
813 \gdef\thesis@czech@typeName@sempaper{Seminární práce}
814 \gdef\thesis@czech@typeName@bachelors{Bakalářská práce}
815 \gdef\thesis@czech@typeName@masters{Diplomová práce}
816 \gdef\thesis@czech@typeName@proposal{Teze závěrečné práce}
817 \gdef\thesis@czech@typeName@doctoral{Disertační práce}
818 \gdef\thesis@czech@typeName@rigorous{Rigorózní práce}
819 \gdef\thesis@czech@typeName{%

```

```

820 \ifx\thesis@type\thesis@sempaper
821 \thesis@czech@typeName@sempaper
822 \else\ifx\thesis@type\thesis@bachelors
823 \thesis@czech@typeName@bachelors
824 \else\ifx\thesis@type\thesis@masters
825 \thesis@czech@typeName@masters
826 \else\ifx\thesis@type\thesis@proposal
827 \thesis@czech@typeName@proposal
828 \else\ifx\thesis@type\thesis@doctoral
829 \thesis@czech@typeName@doctoral
830 \else\ifx\thesis@type\thesis@rigorous
831 \thesis@czech@typeName@rigorous
832 \else
833 <<Neznámý typ práce (\thesis@type)>>%
834 \fi\fi\fi\fi\fi\fi}
835 \gdef\thesis@czech@typeName@akuzativ@sempaper{Seminární práci}
836 \gdef\thesis@czech@typeName@akuzativ@bachelors{Bakalářskou práci}
837 \gdef\thesis@czech@typeName@akuzativ@masters{Diplomovou práci}
838 \gdef\thesis@czech@typeName@akuzativ@proposal{Tezi závěrečné práce}
839 \gdef\thesis@czech@typeName@akuzativ@doctoral{Disertační práci}
840 \gdef\thesis@czech@typeName@akuzativ@rigorous{Rigorózní práci}
841 \gdef\thesis@czech@typeName@akuzativ{%
842 \ifx\thesis@type\thesis@sempaper
843 \thesis@czech@typeName@akuzativ@sempaper
844 \else\ifx\thesis@type\thesis@bachelors
845 \thesis@czech@typeName@akuzativ@bachelors
846 \else\ifx\thesis@type\thesis@masters
847 \thesis@czech@typeName@akuzativ@masters
848 \else\ifx\thesis@type\thesis@proposal
849 \thesis@czech@typeName@akuzativ@proposal
850 \else\ifx\thesis@type\thesis@doctoral
851 \thesis@czech@typeName@akuzativ@doctoral
852 \else\ifx\thesis@type\thesis@rigorous
853 \thesis@czech@typeName@akuzativ@rigorous
854 \else
855 <<Neznámý typ práce (\thesis@type)>>%
856 \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.

```

857 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2017/07/09]
858
859 % Zástupné texty
860 \gdef\thesis@czech@universityName{Masarykova univerzita}
861 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
862 \thesis@lower{czech@typeName@akuzativ} zpracoval%
863 \thesis@czech@gender@koncovka\ samostatně a~%

```

```

864 použil\thesis@czech@gender@koncovka\ jen prameny
865 uvedené v~seznamu literatury.}

866 \gdef\thesis@czech@assignment{%
867   \ifthesis@blocks@assignment@hideIfDigital@
868     \ifthesis@digital@
869       Na tomto místě se v~tištěné práci nachází oficiální podepsané
870       zadání práce.
871     \else
872       Místo tohoto listu vložte kopii oficiálního podepsaného zadání
873       práce.
874     \fi
875   \else
876     Nastavte pomocí klíče <<assignment>> název PDF souboru
877     s~oficiálním podepsaným zadáním práce.
878   \fi}
879
880 % Bibliografický záznam
881 \gdef\thesis@czech@bib@title{Bibliografický záznam}
882 \gdef\thesis@czech@bib@pages{str}

883 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
884 \gdef\thesis@czech@bib@thesisTitle{Název práce}
885 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle

886 \gdef\thesis@czech@bib@programme{Studijní program}
887 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
888 \gdef\thesis@czech@bib@academicYear{Akademický rok}
889 \gdef\thesis@czech@bib@pages{Počet stran}
890 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle
891
892 % Různé
893 \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.

```

894 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
895
896 % Různé
897 \gdef\thesis@czech@abstractTitle{Abstrakt}
898
899 % Zástupné texty
900 \gdef\thesis@czech@facultyName{Právnická fakulta}
901 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
902 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. The locale file also redefines the declaration string in accordance with the requirements of the faculty.

```
903 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2017/05/15]
904
905 % Zástupné texty
906 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
907 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
908   \thesis@lower{czech@typeName@akuzativ} vypracoval%
909   \thesis@czech@gender@koncovka\ samostatně a~na základě
910   literatury a~pramenů uvedených v~použitých zdrojích.}
911
912 % Různé
913 \gdef\thesis@czech@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.

```
914 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2016/05/25]
915
916 % Zástupné texty
917 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
918 \gdef\thesis@czech@assignment{%
919   \ifthesis@digital@
920     Na tomto místě se v~tištěné práci nachází oficiální podepsané
921     zadání práce, prohlášení autora školního díla nebo obojí.
922   \else
923     Místo tohoto listu vložte kopie oficiálního podepsaného zadání
924     práce nebo prohlášení autora školního díla nebo obojí
925     v~závislosti na požadavcích příslušné katedry.
926   \fi}
927
```

#### 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` and `abstractTitle` placeholders with the correct values. The locale file also redefines the declaration string in accordance with the requirements of the faculty and defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis-econ.sty` style file.

```
928 \ProvidesFile{fithesis/locale/mu/econ/fithesis-czech.def}[2017/07/09]
929
```

```

930 % Zástupné texty
931 \gdef\thesis@czech@facultyName{Ekonomicko-správní fakulta}
932
933 % Různé
934 \gdef\thesis@czech@abstractTitle{Anotace}

```

The following extra data field is defined for declaration string:

- `advisorCsGenitiv` – the advisor’s name in genitive following Czech morphology.

```

935 \thesis@def@extra{advisorCsGenitiv}
936 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
937   \thesis@lower{czech@typeName@akuzativ} \thesis@title{} zpracoval%
938   \thesis@czech@gender@koncovka\ samostatně pod vedením
939   \thesis@extra@advisorCsGenitiv\
940   a~uvedl\thesis@czech@gender@koncovka\ v~ní všechny
941   odborné zdroje v~souladu s~právními předpisy, vnitřními
942   předpisy Masarykovy univerzity a~vnitřními akty řízení
943   Masarykovy univerzity a~Ekonomicko-správní fakulty MU.}

```

#### 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.

```

944 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2016/03/23]
945
946 % Zástupné texty
947 \gdef\thesis@czech@facultyName{Lékařská fakulta}
948
949 % Různé
950 \gdef\thesis@czech@abstractTitle{Anotace}

```

#### 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.

```

951 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2021/02/26]
952
953 % Zástupné texty
954 \gdef\thesis@czech@facultyName{Fakulta informatiky}
955 \gdef\thesis@czech@assignment{%
956   \ifthesis@digital@

```



```

957 Na tomto místě se v~tištěné práci nachází oficiální podepsané
958 zadání práce a~prohlášení autora školního díla.
959 \else
960 Místo tohoto listu vložte kopie oficiálního podepsaného zadání
961 práce a~prohlášení autora školního díla.
962 \fi}
963 \gdef\thesis@czech@declaration{%
964 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
965 původním autorským dílem, které jsem vypracoval%
966 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
967 prameny a~literaturu, které jsem při vypracování
968 používal\thesis@czech@gender@koncovka\ nebo z~nich
969 čerpal\thesis@czech@gender@koncovka, v~práci řádně cituji
970 s~uvedením úplného odkazu na příslušný zdroj.}
971
972 % Ostatní
973 \gdef\thesis@czech@typeName@proposal{Teze disertační práce}
974 \gdef\thesis@czech@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 re-defines 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.

```

975 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/03/22]
976
977 % Zástupné texty
978 \gdef\thesis@czech@facultyName{Filozofická fakulta}
979 \gdef\thesis@czech@departmentName{%
980 \ifx\thesis@department\thesis@departments@kisk
981 Kabinet informačních studií a knihovnictví%
982 \else
983 <<Neznámé oddělení (\thesis@department)>>%
984 \fi}
985 \gdef\thesis@czech@declaration{%
986 \ifx\thesis@department\thesis@departments@kisk
987 Prohlašuji, že jsem předkládanou práci zpracoval%
988 \thesis@czech@gender@koncovka\ samostatně a~použil%
989 \thesis@czech@gender@koncovka\ jen uvedené prameny a~%
990 literaturu. Současně dávám svolení k~tomu, aby elektronická
991 verze této práce byla zpřístupněna přes informační systém
992 Masarykovy univerzity.%
993 \else
994 Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
995 vypracoval\thesis@czech@gender@koncovka\ samostatně s~využitím

```

```

996     uvedené literatury.%
997 \fi}
998
999% Ostatní
1000\global\let\thesis@czech@typeName@super
1001 \thesis@czech@typeName
1002\gdef\thesis@czech@typeName{%
1003 \ifx\thesis@type\thesis@bachelors
1004     Bakalářská diplomová práce%
1005 \else\ifx\thesis@type\thesis@masters
1006     Magisterská diplomová práce%
1007 \else
1008     \thesis@czech@typeName@super
1009 \fi\fi}
1010
1011\global\let\thesis@czech@typeName@akuzativ@super
1012 \thesis@czech@typeName@akuzativ
1013\gdef\thesis@czech@typeName@akuzativ{%
1014 \ifx\thesis@type\thesis@bachelors
1015     Diplomovou práci%
1016 \else\ifx\thesis@type\thesis@masters
1017     Diplomovou práci%
1018 \else
1019     \thesis@czech@typeName@akuzativ@super
1020 \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.

```

1021\ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2017/10/28]
1022
1023% Zástupné texty
1024\gdef\thesis@czech@facultyName{Pedagogická fakulta}

```

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

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

```

1025\ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2017/06/02]
1026
1027% Zástupné texty

```

```

1028 \gdef\thesis@czech@facultyName{Přirodovědecká fakulta}
1029
1030 % Ostatní
1031 \gdef\thesis@czech@abstractTitle{Abstrakt}
1032 \gdef\thesis@czech@declaration{%
1033   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
1034   akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
1035   statně s~využitím informačních zdrojů, které jsou v~práci
1036   citovány.}
1037

```

### 3.4.3.12 The locale/mu/pharm/fithesis-czech.def file

This is the Czech locale file specific to the Faculty of Pharmacy at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and redefines the `abstractTitle` accordance with the guidelines of the faculty.

```

1038 \ProvidesFile{fithesis/locale/mu/pharm/fithesis-czech.def}[2021/03/26]
1039
1040 % Zástupné texty
1041 \gdef\thesis@czech@facultyName{Farmaceutická fakulta}
1042
1043 % Ostatní
1044 \gdef\thesis@czech@abstractTitle{Anotace}

```

## 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.

```

1045 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2021/02/26]

```

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.

```

1046
1047 % Pomocná makrá
1048 \gdef\thesis@slovak@gender@koncovka{%
1049   \ifthesis@woman a\fi}
1050
1051 % Csquotes štýl
1052 \gdef\thesis@slovak@csquotesStyle{german}
1053
1054 % Zástupné texty
1055 \gdef\thesis@slovak@universityName{Názov univerzity}
1056 \gdef\thesis@slovak@facultyName{Názov fakulty}

```

```

1057 \gdef\thesis@slovak@assignment{%
1058   Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1059   podpísané zadanie práce.}
1060 \gdef\thesis@slovak@declaration{Text vyhlásenie ...}
1061
1062 % Časové údaje
1063 \gdef\thesis@slovak@spring{jar}
1064 \gdef\thesis@slovak@fall{jeseň}
1065 \gdef\thesis@slovak@semester{%
1066   \thesis@{slovak@\thesis@season} \thesis@seasonYear}
1067 \gdef\thesis@slovak@formattedDate{%
1068   \thesis@day.
1069   \newcount\@month\expandafter\@month\thesis@month\relax
1070   \ifnum\@month=1%
1071     januára
1072   \else\ifnum\@month=2%
1073     februára
1074   \else\ifnum\@month=3%
1075     marca
1076   \else\ifnum\@month=4%
1077     apríla
1078   \else\ifnum\@month=5%
1079     mája
1080   \else\ifnum\@month=6%
1081     júna
1082   \else\ifnum\@month=7%
1083     júla
1084   \else\ifnum\@month=8%
1085     augusta
1086   \else\ifnum\@month=9%
1087     septembra
1088   \else\ifnum\@month=10%
1089     októbra
1090   \else\ifnum\@month=11%
1091     novembra
1092   \else\ifnum\@month=12%
1093     decembra
1094   \else
1095     <<neznámy mesiac (\the\@month)>>
1096   \fi\fi\fi\fi\fi\fi
1097   \fi\fi\fi\fi\fi\fi
1098   \thesis@year}}
1099
1100 % Rôzne
1101 \gdef\thesis@slovak@authorSignature{%
1102   Podpis autor\ifthesis@woman ky\else a\fi}
1103 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
1104 \gdef\thesis@slovak@fieldTitle{Odbor}

```

```

1105 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
1106 \gdef\thesis@slovak@authorTitle{Autor}
1107 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
1108 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
1109 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
1110 \gdef\thesis@slovak@declarationTitle{Vyhlásenie}
1111 \gdef\thesis@slovak@summaryTitle{Resumé}
1112 \gdef\thesis@slovak@idTitle{ID}
1113 \gdef\thesis@slovak@typeName@sempaper{Seminárna práca}
1114 \gdef\thesis@slovak@typeName@bachelors{Bakalárska práca}
1115 \gdef\thesis@slovak@typeName@masters{Diplomová práca}
1116 \gdef\thesis@slovak@typeName@proposal{Tézy záverečnej práce}
1117 \gdef\thesis@slovak@typeName@doctoral{Dizertačná práca}
1118 \gdef\thesis@slovak@typeName@rigorous{Rigorózna práca}
1119 \gdef\thesis@slovak@typeName{%
1120   \ifx\thesis@type\thesis@sempaper
1121     \thesis@slovak@typeName@sempaper
1122   \else\ifx\thesis@type\thesis@bachelors
1123     \thesis@slovak@typeName@bachelors
1124   \else\ifx\thesis@type\thesis@masters
1125     \thesis@slovak@typeName@masters
1126   \else\ifx\thesis@type\thesis@proposal
1127     \thesis@slovak@typeName@proposal
1128   \else\ifx\thesis@type\thesis@doctoral
1129     \thesis@slovak@typeName@doctoral
1130   \else\ifx\thesis@type\thesis@rigorous
1131     \thesis@slovak@typeName@rigorous
1132   \else
1133     <<Neznámy typ práce (\thesis@type)>>%
1134   \fi\fi\fi\fi\fi\fi}
1135 \gdef\thesis@slovak@typeName@akuzativ@sempaper{Seminárnu prácu}
1136 \gdef\thesis@slovak@typeName@akuzativ@bachelors{Bakalársku prácu}
1137 \gdef\thesis@slovak@typeName@akuzativ@masters{Diplomovú prácu}
1138 \gdef\thesis@slovak@typeName@akuzativ@proposal{Tézy záverečnej práce}
1139 \gdef\thesis@slovak@typeName@akuzativ@doctoral{Dizertačnú prácu}
1140 \gdef\thesis@slovak@typeName@akuzativ@rigorous{Rigoróznú prácu}
1141 \gdef\thesis@slovak@typeName@akuzativ{%
1142   \ifx\thesis@type\thesis@sempaper
1143     \thesis@slovak@typeName@akuzativ@sempaper
1144   \else\ifx\thesis@type\thesis@bachelors
1145     \thesis@slovak@typeName@akuzativ@bachelors
1146   \else\ifx\thesis@type\thesis@masters
1147     \thesis@slovak@typeName@akuzativ@masters
1148   \else\ifx\thesis@type\thesis@proposal
1149     \thesis@slovak@typeName@akuzativ@proposal
1150   \else\ifx\thesis@type\thesis@doctoral
1151     \thesis@slovak@typeName@akuzativ@doctoral
1152   \else\ifx\thesis@type\thesis@rigorous
1153     \thesis@slovak@typeName@akuzativ@rigorous
1154   \else

```

```

1155 <<Neznámy typ práce (\thesis@type)>>%
1156 \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.

```

1157 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2018/02/11]
1158
1159 % Zástupné texty
1160 \gdef\thesis@slovak@universityName{Masarykova univerzita}

1161 \gdef\thesis@slovak@declaration{%
1162   Vyhlasujem, že som predloženú \thesis@lower{%
1163     slovak@typeName@akuzativ} vypracoval%
1164     \thesis@slovak@gender@koncovka\ samostatne len s~použitím
1165     uvedenej literatúry a prameňov.}

1166 \gdef\thesis@slovak@assignment{%
1167   \ifthesis@blocks@assignment@hideIfDigital@
1168     \ifthesis@digital@
1169       Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1170       podpísané zadanie práce.
1171     \else
1172       Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1173       zadania práce.
1174     \fi
1175   \else
1176     Nastavte pomocou klúča <<assignment>> názov súboru PDF
1177     s~oficiálnym podpísaným zadáním práce.
1178   \fi}
1179
1180 % Bibliografický záznam
1181 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
1182 \gdef\thesis@slovak@bib@pages{str}

1183 \global\let\thesis@slovak@bib@author\thesis@slovak@authorTitle
1184 \gdef\thesis@slovak@bib@thesisTitle{Názov práce}
1185 \global\let\thesis@slovak@bib@advisor\thesis@slovak@advisorTitle

1186 \gdef\thesis@slovak@bib@programme{Študijný program}
1187 \global\let\thesis@slovak@bib@field\thesis@slovak@fieldTitle
1188 \gdef\thesis@slovak@bib@academicYear{Akademický rok}
1189 \gdef\thesis@slovak@bib@pages{Počet strán}
1190 \global\let\thesis@slovak@bib@keywords\thesis@slovak@keywordsTitle
1191
1192 % Rôzne
1193 \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.

```
1194 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
1195
1196 % Rôzne
1197 \gdef\thesis@slovak@abstractTitle{Abstrakt}
1198
1199 % Zástupné texty
1200 \gdef\thesis@slovak@facultyName{Právnická fakulta}
1201 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
1202 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. The locale file also redefines the declaration string in accordance with the requirements of the faculty.

```
1203 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2017/05/15]
1204
1205 % Zástupné texty
1206 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
1207 \gdef\thesis@slovak@declaration{%
1208 Vyhlasujem, že som \thesis@lower{%
1209 slovak@typeName@akuzativ} vypracoval%
1210 \thesis@slovak@gender@koncovka\ samostatne a~na základe
1211 literatúry a~prameňov uvedených v~použitých zdrojoch.}
1212
1213 % Rôzne
1214 \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.

```
1215 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2016/05/25]
1216
1217 % Zástupné texty
1218 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
1219 \gdef\thesis@slovak@assignment{%
1220 \ifthesis@digital@
1221 Na tomto mieste sa v~tlačenej práci nachádza oficiálne
```

```

1222     podpísané zadanie práce alebo vyhlásenie autora školského
1223     diela alebo obidve.
1224 \else
1225     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1226     zadania práce alebo vyhlásenie autora školského diela alebo
1227     obidve v~závislosti na požiadavkách príslušnej katedry.
1228 \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` and `abstractTitle` placeholders with the correct values. The locale file also redefines the declaration string in accordance with the requirements of the faculty and defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis-econ.sty` style file.

```

1229 \ProvidesFile{fithesis/locale/mu/econ/fithesis-slovak.def}[2017/07/09]
1230
1231 % Zástupné texty
1232 \gdef\thesis@slovak@facultyName{Ekonomicko-správná fakulta}
1233
1234 % Rôzne
1235 \gdef\thesis@slovak@abstractTitle{Anotácie}

```

The following extra data field is defined for the declaration string:

- `advisorSkGenitiv` – the advisor’s name in genitive following Slovak morphology.

```

1236 \thesis@def@extra{advisorSkGenitiv}
1237 \gdef\thesis@slovak@declaration{Vyhlasujem, že som
1238 \thesis@lower{slovak@typeName@akuzativ} \thesis@title{} spracoval%
1239 \thesis@slovak@gender@koncovka\ samostatne pod vedením
1240 \thesis@extra@advisorSkGenitiv\
1241 a~uvied\ifthesis@woman la\else ol\fi\ v~nej všetky
1242 odborné zdroje v~súlade s~právnymi predpismi, vnútornými
1243 predpismi Masarykovej univerzity a~vnútornými aktmi riadenia
1244 Masarykovej univerzity a~Ekonomicko-správnej fakulty MU.}

```

#### 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.

```

1245 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2016/03/23]
1246

```



```

1247 % Zástupné texty
1248 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
1249
1250 % Rôzne
1251 \gdef\thesis@slovak@abstractTitle{Anotácie}

```

#### 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.

```

1252 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2021/02/26]
1253
1254 % Zástupné texty
1255 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
1256 \gdef\thesis@slovak@assignment{%
1257   \ifthesis@digital@
1258     Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1259     podpísané zadanie práce a vyhlásenie autora školského diela.
1260   \else
1261     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1262     zadania práce a vyhlásenie autora školského diela.
1263   \fi}
1264 \gdef\thesis@slovak@declaration{%
1265   Vyhlasujem, že táto \thesis@lower{slovak@typeName} je mojím
1266   pôvodným autorským dielom, ktoré som vypracoval%
1267   \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
1268   pramene a literatúru, ktoré som pri vypracovaní
1269   používal\thesis@slovak@gender@koncovka\ alebo z~nich
1270   čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
1271   s~uvedením úplného odkazu na príslušný zdroj.}
1272
1273 % Rôzne
1274 \gdef\thesis@slovak@typeName@proposal{Tézy dizertačnej práce}
1275 \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.

```

1276 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/03/22]
1277
1278 % Zástupné texty

```

```

1279 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
1280 \gdef\thesis@slovak@departmentName{%
1281   \ifx\thesis@department\thesis@departments@kisk
1282     Kabinet informačných štúdií a knihovníctva%
1283   \else
1284     <<Neznáme oddelenie (\thesis@department)>>%
1285   \fi}
1286 \gdef\thesis@slovak@declaration{%
1287   \ifx\thesis@department\thesis@departments@kisk
1288     Vyhlasujem, že som predkladanú prácu spracoval%
1289     \thesis@slovak@gender@koncovka\ samostatne~a použil%
1290     \thesis@slovak@gender@koncovka\ len uvedené pramene~a
1291     literatúru. Súčasne dávam súhlas k~tomu, aby elektronická
1292     verzia tejto práce bola sprístupnená cez informačný
1293     systém Masarykovej univerzity.%
1294   \else
1295     Vyhlasujem, že som predloženú \thesis@lower{%
1296     slovak@typeName@akuzativ} vypracoval%
1297     \thesis@slovak@gender@koncovka\ samostatne na základe vlastných
1298     zistení a len s~použitím uvedenej literatúry a prameňov.%
1299   \fi}
1300
1301 % Rôzne
1302 \global\let\thesis@slovak@typeName@super
1303 \thesis@slovak@typeName
1304 \gdef\thesis@slovak@typeName{%
1305   \ifx\thesis@type\thesis@bachelors
1306     Bakalárska diplomová práca%
1307   \else\ifx\thesis@type\thesis@masters
1308     Magisterská diplomová práca%
1309   \else
1310     \thesis@slovak@typeName@super
1311   \fi\fi}
1312
1313 \global\let\thesis@slovak@typeName@akuzativ@super
1314 \thesis@slovak@typeName@akuzativ
1315 \gdef\thesis@slovak@typeName@akuzativ{%
1316   \ifx\thesis@type\thesis@bachelors
1317     Diplomovú prácu%
1318   \else\ifx\thesis@type\thesis@masters
1319     Diplomovú prácu%
1320   \else
1321     \thesis@slovak@typeName@akuzativ@super
1322   \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.

```
1323 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2017/06/02]
1324
1325 % Zástupné texty
1326 \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. The locale file also 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.

```
1327 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2017/05/21]
1328
1329 % Zástupné texty
1330 \gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}
1331
```

#### 3.4.4.12 The locale/mu/pharm/fithesis-slovak.def file

This is the Slovak locale file specific to the Faculty of Pharmacy at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the abstractTitle in accordance with the guidelines of the faculty.

```
1332 \ProvidesFile{fithesis/locale/mu/pharm/fithesis-slovak.def}[2021/03/26]
1333
1334 % Zástupné texty
1335 \gdef\thesis@slovak@facultyName{Farmaceutická fakulta}
1336
1337 % Rôzne
1338 \gdef\thesis@slovak@abstractTitle{Anotácie}
```

### 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 dtxut, docstrip, doc and ltxdoc manuals.

#### 3.5.1 Interface

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

least one of the following macros:

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

### 3.5.2 Base style files

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

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

```
1339 \NeedsTeXFormat{LaTeX2e}
1340 \ProvidesPackage{fithesis/style/fithesis-base}[2018/02/11]

1341 \DeclareRobustCommand\em
1342       {\@nomath\em \ifdim \fontdimen\@ne\font >\z@
1343       \emminnershape \else \itshape \fi}%
```

#### 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.

```
1344 \ProvidesPackage{fithesis/style/mu/fithesis-mu-base}[2021/05/23]
1345 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

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

```
1346 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
1347 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
1348 \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@`

```
1349 \newif\ifthesis@twoside@
```

```

1350 \DeclareOption{oneside}{%
1351   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
1352 \DeclareOption{twoside}{%
1353   \thesis@twoside@true \@twosidettrue \@mparswitchtrue}

```

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

```

1354 \DeclareOption{onecolumn}{\@twocolumnfalse}
1355 \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.

```

1356 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
1357 \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@`

```

1358 \newif\ifthesis@palatino@
1359 \DeclareOption{palatino}{\thesis@palatino@true}
1360 \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@`

```

1361 \newif\ifthesis@color@
1362 \DeclareOption{monochrome}{\thesis@color@false}
1363 \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@`

```

1364 \newif\ifthesis@microtype@
1365 \DeclareOption{microtype}{\thesis@microtype@true}
1366 \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@`

```

1367 \newif\ifthesis@newtable@
1368 \DeclareOption{table}{\thesis@newtable@true}
1369 \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 fithesis4 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>1370 \DeclareOption{nolot}{\let\thesis@blocks@lot\relax} 1371 \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>1372 \DeclareOption{nolof}{\let\thesis@blocks@lof\relax} 1373 \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>1374 \newif\ifthesis@cover@ 1375 \DeclareOption{nocover}{\thesis@cover@false} 1376 \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>1377 \newif\ifthesis@digital@ 1378 \DeclareOption{digital}{% 1379 \ExecuteOptions{color,cover}% 1380 \thesis@digital@true} 1381 \DeclareOption{printed}{% 1382 \ExecuteOptions{monochrome,nocover}% 1383 \thesis@digital@false}</pre>

These are the default options:

```
1384 \ExecuteOptions{%
1385 printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
1386 \ProcessOptions*
```

The file uses English locale strings within the macros.

```
1387 \thesis@requireLocale{english}
```

The file loads the following packages:

- `xcolor` – Adds support for color.
- `caption` – Adds support for changing the formatting of float captions.
- `ifxetex` – Used to detect the X<sub>Y</sub>TeX engine.
- `ifluatex` – Used to detect the LuaTeX engine.
- `graphicx` – Adds support for the inclusion of graphics files.
- `pdfpages` – Adds support for the injection of PDF documents into the resulting document, namely the thesis assignment.
- `hyperref` – Adds support for the injection of metadata into the resulting PDF document.
- `keyval` – Adds support for parsing comma-delimited lists of key-value pairs.
- `tabularx` – Provides the `tabularx` environment, which enables the typesetting of tables with flexible-width columns.
- `tabu` – Provides the `tabu` environment, which enables the typesetting of complex tables.
- `booktabs` – A package, which allows the creation of publication-quality tables in L<sup>A</sup>T<sub>E</sub>X.

```
1388 \thesis@require{xcolor}
1389 \RequirePackage[labelfont=bf]{caption}
1390 \thesis@require{graphicx}
1391 \thesis@require{pdfpages}
1392 \thesis@require{keyval}
1393 \thesis@require{ifxetex}
1394 \thesis@require{ifluatex}
1395 \thesis@require{tabularx}
1396 \thesis@require{tabu}
1397 \thesis@require{booktabs}
1398 \thesis@require{tikz}
```

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

```
1399 \ifthesis@microtype@
1400 \thesis@require[final,babel]{microtype}
1401 \fi
```

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

```

1402 {\let\x\expandafter
1403 \x\global\x\let\x\ifthesis@xeluatex\csname if%
1404 \ifxetex true\else
1405 \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
1406 \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
1407 \fi
1408 \fi\endcsname}

```

The following packages get only loaded, when the document is being typeset using the X<sub>Y</sub>TeX or LuaTeX engine:

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

Under X<sub>Y</sub>TeX or LuaTeX, the T<sub>E</sub>X Gyre Pagella and T<sub>E</sub>X Gyre Pagella Math fonts are also selected as the main text and math fonts and the T<sub>E</sub>X Gyre Heros font is selected as the main sans serif font.

```

1409 \ifthesis@xeluatex
1410 \ifthesis@palatino@
1411 \thesis@require{fontspec}
1412 \thesis@require{unicode-math}
1413 \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
1414 \setsansfont[Ligatures=TeX,Scale=MatchLowercase]{TeX Gyre Heros}
1415 \setmathfont[math-style=ISO,bold-style=ISO]{texgyrepagella-math.otf}
1416 \fi

```

The following packages get only loaded, when the document is not being typeset using the X<sub>Y</sub>TeX or LuaTeX engine and the `\ifthesis@palatino@` conditional is true:

- `cmap` – Places an explicit ToUnicode map in the resulting PDF file, allowing for the extraction of the text from the document.
- `mathpazo` – Changes the default math font family to `mathpazo`.
- `tgpagella` – Changes the default roman font family to T<sub>E</sub>X Gyre Pagella.
- `tgheros` – Changes the default sans-serif font face to T<sub>E</sub>X Gyre Heros.
- `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.

```

1417 \else
1418 \ifthesis@palatino@
1419 \RequirePackage[resetfonts]{cmap}
1420 \thesis@require{lmodern}

```



```

1421 \thesis@require{mathpazo}
1422 \thesis@require{tgpagella}
1423 \thesis@require[scale=0.863]{tgheros}
1424 \RequirePackage[T1]{fontenc}
1425 \fi
1426 \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.

```

1427 \let\thesis@newtable@old\tabular
1428 \let\endthesis@newtable@old\endtabular
1429 \ifthesis@newtable@
1430 % Adjust the measurements.
1431 \setlength{\aboverulesep}{0pt}
1432 \setlength{\belowrulesep}{0pt}
1433 \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.

```

1434 \ifthesis@color@
1435 % The redefinition of 'tabular'
1436 \renewenvironment{tabular}%
1437   {\rowcolors{1}{thesis@color@tableOdd}%
1438    {thesis@color@tableEven}%
1439    \thesis@newtable@old}%
1440   {\endthesis@newtable@old}
1441 % The redefinition of 'tabularx'
1442 \let\thesis@newtable@oldx\tabularx
1443 \let\endthesis@newtable@oldx\endtabularx
1444 \renewenvironment{tabularx}%
1445   {\rowcolors{1}{thesis@color@tableEven}%
1446    {thesis@color@tableOdd}%
1447    \thesis@newtable@oldx}%
1448   {\endthesis@newtable@oldx}
1449 % The redefinition of 'tabu'
1450 \let\thesis@newtable@oldtabu\tabu
1451 \let\endthesis@newtable@oldtabu\endtabu
1452 \renewenvironment{tabu}%
1453   {\rowcolors{1}{thesis@color@tableEven}%
1454    {thesis@color@tableOdd}%
1455    \thesis@newtable@oldtabu}%
1456   {\endthesis@newtable@oldtabu}
1457 \fi

```

1458 \fi

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

```
1459 \newif\ifthesis@bibliography@
1460 \thesis@bibliography@false
1461 \ifx\thesis@bibFiles\undefined\else
1462   {\edef\@bibList{\thesis@bibFiles}%
1463     \ifx\@bibList\empty\else
1464       \global\thesis@bibliography@true
1465     \fi}
1466 \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.

```
1467 \def\thesis@bibliography@setup#1{%
1468   \setkeys{thesis@bibliography}{#1}}
```

The following key-value pairs are supported:

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

```
1469 \define@key{thesis@bibliography}{style}{%
1470   \ifx\thesis@bibliography@style\undefined
1471     \def\thesis@bibliography@style{#1}%
1472   \fi}
1473 \define@key{thesis@bibliography}{sorting}{%
1474   \ifx\thesis@bibliography@sorting\undefined
1475     \def\thesis@bibliography@sorting{#1}%
1476   \fi}
```

The following extra data field is defined for the macro:

- bibliography – the comma-delimited list of key-value pairs accepted by \thesis@bibliography@setup. If the data field was specified, it is immediately passed to \thesis@bibliography@setup and it overrides any defaults specified in faculty style files.

```
1477 \thesis@def@extra[]{\bibliography}
1478 \ifx\thesis@extra@bibliography
1479   \thesis@placeholder@extra@bibliography\else
1480   \expandafter\thesis@bibliography@setup\expandafter{%
1481     \thesis@extra@bibliography}%
1482 \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.

```

1483 \newif\ifthesis@bibliography@loaded@
1484 \thesis@bibliography@loaded@false
1485 \newif\ifthesis@bibliography@included@
1486 \thesis@bibliography@included@false
1487 \def\thesis@bibliography@load{%
1488   \ifthesis@bibliography@
1489     \ifthesis@bibliography@loaded@\else
1490       \thesis@bibliography@loaded@true
1491       % Load csquotes and BibLaTeX.
1492       \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.


```

1493   \thesis@bibliography@setup{
1494     style = iso-numeric,
1495     sorting = none}
1496   % FIXME: This is a hotfix for biblatex.
1497   % It should be removed after v3.17 has been released.
1498   % See https://tex.stackexchange.com/a/581469/70941.
1499   \thesis@require{expl3}
1500   \thesis@require[
1501     backend=biber,
1502     style=\thesis@bibliography@style,
1503     sorting=\thesis@bibliography@sorting,
1504     autolang=other,
1505     sortlocale=auto]{biblatex}
1506   % Load the bibliography databases.
1507   {\edef\@bibList{\thesis@bibFiles}%
1508   \def\@inject##1,{%
1509     \def\@args{##1}\def\@relax{\relax}%
1510     \ifx\@args\@relax\else
1511       % Trim leading spaces.
1512       \edef\@trimmed{\romannumeral-'\.##1}%
1513       \addbibresource\@trimmed
1514       \expandafter\@inject\fi}%
1515   \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.


```

1516   \let\thesis@printbibliography@old\printbibliography

```


```


```

```

1517 \def\printbibliography{%
1518 \global\thesis@bibliography@included@true
1519 \thesis@printbibliography@old}
1520 \fi
1521 \fi}

```

In the digital version, the hyperref package is configured to decorate hyperlinks with an underline instead of a rectangular box. In the printed version, the hyperref package is configured to hide links.

```

1522 \thesis@require{hyperref}
1523 \ifthesis@digital@
1524 \hypersetup{pdfborderstyle={/S/U/W 1}}
1525 \else
1526 \hypersetup{hidelinks}
1527 \fi

```

Clubs and widows are set to be infinitely bad.

```

1528 \widowpenalty 10000
1529 \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.

```

1530 \def\thesis@color@setup#1{%
1531 \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. `{<secondary=color>}` – Stores the secondary color that is used with the bold type face under the name `thesis@color@secondary`. The default secondary color for the Masaryk University is RGB 0, 0, 220.
3. `{<tableOdd=color>}` – Stores the color of the odd rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableOdd`.
4. `{<tableEven=color>}` – Stores the color of the even rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableEven`.
5. `{<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.

```

1532 \define@key{thesis@color}{links}{%
1533 \definecolor{thesis@color@links}#1
1534 \hypersetup{linkbordercolor=thesis@color@links}}

```

```

1535 \define@key{thesis@color}{secondary}{%
1536   \definecolor{thesis@color@secondary}{#1}
1537 \thesis@color@setup{secondary={RGB}{0, 0, 220}}
1538 \define@key{thesis@color}{tableOdd}{%
1539   \definecolor{thesis@color@tableOdd}{#1}
1540 \define@key{thesis@color}{tableEven}{%
1541   \definecolor{thesis@color@tableEven}{#1}
1542 \define@key{thesis@color}{tableEmph}{%
1543   \definecolor{thesis@color@tableEmph}{#1}

```

The `\bfseries` macro is redefined to switch to the sans serif type face in the secondary color. The original definition of `\bfseries` is stored in the `\thesis@bfseries@old` macro.

`\thesis@bfseries@old`

```

1544 \let\thesis@bfseries@old\bfseries
1545 \def\bfseries{%
1546   \sffamily\color{thesis@color@secondary}\thesis@bfseries@old}

```

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.

```

1547 \def\thesis@blocks@coverMatter{%
1548   \pagenumbering{gobble}}

```

`\thesis@blocks@frontMatter`

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

```

1549 \def\thesis@blocks@frontMatter{%
1550   \thesis@blocks@clear
1551   \pagestyle{plain}
1552   \parindent 1.5em
1553   \setcounter{page}{1}
1554   \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.

```

1555 % \begin{macrocode}
1556 \def\thesis@blocks@clear{%
1557   \ifthesis@twoside@
1558     \clearpage
1559     \ifodd\value{page}\else%
1560       \thispagestyle{empty}%
1561       \hbox{}%
1562       \newpage
1563     \fi
1564   \else
1565     \newpage
1566   \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.

```

1567 \def\thesis@blocks@clearRight{%
1568   \ifthesis@twoside@
1569     \clearpage
1570     \ifodd\value{page}%
1571       \thispagestyle{empty}%
1572       \hbox{}%
1573       \newpage
1574     \fi
1575   \else
1576     \newpage
1577   \fi}

```

`\thesis@blocks@logo` The `\thesis@blocks@logo{<pathname>}{<options>}` macro typesets the *pathname* logo with the given *options* passed to `\includegraphics`.

```

1578 \newcommand{\thesis@blocks@logo}[2]{%
1579   \let\@logowidth\relax\newlength\@logowidth
1580   \let\@logoheight\relax\newlength\@logoheight
1581   \settoheight\@logowidth{\includegraphics[#2]{#1}}%
1582   \settoheight\@logoheight{\includegraphics[#2]{#1}}%
1583   \def\@maxwidth##1{\ifdim\@logowidth>##1 ##1\else\@logowidth\fi}
1584   \def\@maxheight##1{\ifdim\@logoheight>##1 ##1\else\@logoheight\fi}
1585   \includegraphics[width=\@maxwidth{6.3cm}, height=\@maxheight{4cm},
1586     keepaspectratio, #2]{#1}}

```

`\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`.

```

1587 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
1588   [scale=0.95]{%
1589     \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1590     \expandafter\thesis@blocks@logo\expandafter{\@path}{#1}}

```

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

```

1591 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1592   [scale=0.95]{%
1593     \edef\@path{\thesis@logopath\thesis@facultyLogo
1594       \ifthesis@color@-color\fi}%
1595     \expandafter\thesis@blocks@logo\expandafter{\@path}{#1}}

```

`\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`.

```

1596 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%

```

```

1597 [scale=0.9]{{%
1598   \edef\@path{\thesis@logopath\thesis@universityLogo}%
1599   \expandafter\thesis@blocks@logo\expandafter{\@path}{#1}}}
```

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

```

1600 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1601 [scale=0.9]{{%
1602   \edef\@path{\thesis@logopath\thesis@universityLogo
1603     \ifthesis@color@-color\fi}%
1604   \expandafter\thesis@blocks@logo\expandafter{\@path}{#1}}}
```

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.

```

1605 \let\thesis@department@name\thesis@department
1606 \let\thesis@departmentEn@name\thesis@departmentEn
1607 \let\thesis@field@name\thesis@field
1608 \let\thesis@fieldEn@name\thesis@fieldEn
```

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

```

1609 \def\thesis@blocks@cover{%
1610   \ifthesis@cover@
1611     \thesis@blocks@clear
1612     \begin{alwaysingle}%
1613       \colorlet{thesis@color@secondary}{black}%
1614       \thispagestyle{empty}%
1615       \begin{center}%
1616         \thesis@blocks@universityLogo@monochrome\par
1617         \vspace{0.75cm}%
1618         {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
1619         \vfill
1620         {\bf\thesis@titlePage@Huge\thesis@TeXtitle\par}%
1621         \vspace{1.5cm}%
1622         {\sf\thesis@titlePage@Large\thesis@@{typeName}\par}%
1623         \vspace{1.5cm}%
1624         {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
1625         \vfill\vfill\vfill\vfill
1626         {\sf\thesis@titlePage@large\thesis@place, \thesis@@{semester}\par}%
1627       \end{center}%
1628     \end{alwaysingle}%
1629   \fi}
```

`\thesis@blocks@advisorSignature` The `\thesis@blocks@advisorSignature` macro produces space for the thesis advisor's signature.

```

1630 \def\thesis@blocks@advisorSignature{%
1631   \let\@A\relax\newlength{\@A}
1632   \settowidth{\@A}{\thesis@{advisorSignature}}
1633   \setlength{\@A}{\@A+1cm}
1634   \hfill\raisebox{-0.5em}{\parbox{\@A}{
1635     \centering
1636     \rule{\@A}{1pt}}\
1637   \thesis@{advisorSignature}
1638   }}}%

```

`\thesis@blocks@titlePage` The `\thesis@blocks@titlePage` macro typesets the thesis title page. The output of the `\thesis@blocks@titlePage` macro is controlled by the following conditionals:

1. `\ifthesis@blocks@titlePage@department@` – This conditional expression determines, whether the department name is going to be included in the title page. The default value of this conditional is true.
2. `\ifthesis@blocks@titlePage@field@` – This conditional expression determines, whether the field of study is going to be included in the title page. The default value of this conditional is true.
3. `\ifthesis@blocks@titlePage@programme@` – This conditional expression determines, whether the study programme is going to be included in 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` macro without altering its definition.

```

1639 \newif\ifthesis@blocks@titlePage@department@
1640 \thesis@blocks@titlePage@department@true
1641 \newif\ifthesis@blocks@titlePage@field@
1642 \thesis@blocks@titlePage@field@true
1643 \newif\ifthesis@blocks@titlePage@programme@
1644 \thesis@blocks@titlePage@programme@true
1645
1646 \def\thesis@blocks@titlePage{%
1647   \thesis@blocks@clear
1648   \begin{alwaysingle}%
1649     \thispagestyle{empty}%
1650     \begin{center}%
1651       \thesis@blocks@universityLogo@color
1652       \par\vspace{0.75cm}%
1653       {\sf\thesis@titlePage@large\thesis@upper{facultyName}\par}%
1654       \vfill
1655       {\bf\thesis@titlePage@Huge\thesis@TeXtitle\par}%
1656       \vspace{1.5cm}%
1657       {\sf\thesis@titlePage@Large\thesis@{typeName}\par}%
1658       \vspace{1.5cm}%
1659       {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%

```



```

1660      \vfill\vfill
1661      {\sf\thesis@titlePage@large\thesis@{advisorTitle}: \thesis@advisor\par}%
1662      \vspace{0.75cm}%
1663      \ifthesis@blocks@titlePage@department@
1664      {\sf\thesis@titlePage@large\thesis@department@name\par}%
1665      \fi
1666      \ifthesis@blocks@titlePage@programme@
1667      \vspace{0.25cm}%
1668      {\sf\thesis@titlePage@large\thesis@{bib@programme}: \thesis@programme\par}%
1669      \fi
1670      \ifthesis@blocks@titlePage@field@
1671      \vspace{0.25cm}%
1672      {\sf\thesis@titlePage@large\thesis@{fieldTitle}: \thesis@field@name\par}%
1673      \fi
1674      \vfill
1675      {\sf\thesis@titlePage@large\thesis@place, \thesis@{semester}}%

```

If this is a rigorous thesis or a PhD thesis proposal, create space for the advisor's signature.

```

1676      \ifx\thesis@type\thesis@rigorous
1677      \thesis@blocks@advisorSignature
1678      \else\ifx\thesis@type\thesis@proposal
1679      \thesis@blocks@advisorSignature
1680      \fi\fi\par}%
1681      \end{center}%
1682      \end{alwaysingle}}

```

`\thesis@blocks@seal` The `\thesis@blocks@seal` macro typesets the seal of a faculty.

```

1683 \def\thesis@blocks@seal{%
1684   \thesis@blocks@clear
1685   \begin{alwaysingle}%
1686     \thispagestyle{empty}%
1687     \begin{center}%
1688       \leavevmode
1689       \par\vfill
1690       \thesis@blocks@facultyLogo@color
1691       \par\vfill\vfill\vfill\vfill
1692     \end{center}%
1693   \end{alwaysingle}}

```

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

```

1694 \def\thesis@blocks@toc{%
1695   \thesis@blocks@clear
1696   \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.

```

1697 \def\thesis@blocks@tables{%
1698   \thesis@blocks@toc
1699   \thesis@blocks@lot

```

```

1700 \thesis@blocks@lof}

\thesis@blocks@declaration The \thesis@blocks@declaration macro typesets the declaration text.
1701 \def\thesis@blocks@declaration{%
1702 \thesis@blocks@clear
1703 \begin{alwaysssingle}%
1704 \chapter*{\thesis@{declarationTitle}}%
1705 \thesis@declaration
1706 \vskip 2cm%
1707 \hfill\thesis@author
1708 \end{alwaysssingle}}

\thesis@blocks@thanks The \thesis@blocks@thanks macro typesets the acknowledgements, if the
\thesis@thanks macro is defined. Otherwise, the macro produces no output.
1709 \def\thesis@blocks@thanks{%
1710 \ifx\thesis@thanks\undefined\else
1711 \thesis@blocks@clear
1712 \begin{alwaysssingle}%
1713 \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1714 \leavevmode\thesis@thanks
1715 \end{alwaysssingle}%
1716 \fi}

\thesis@blocks@abstract The \thesis@blocks@abstract macro typesets the abstract.
1717 \def\thesis@blocks@abstract{%
1718 \begin{alwaysssingle}%
1719 \vskip 40 \p@
1720 {\let\thesis@blocks@clear\relax
1721 \chapter*{\thesis@{abstractTitle}}}%
1722 \noindent\thesis@abstract
1723 \par\vfil\null
1724 \end{alwaysssingle}}

\thesis@blocks@abstractEn The \thesis@blocks@abstractEn macro typesets the abstract in English. If the
current locale is English, the macro produces no output.
1725 \def\thesis@blocks@abstractEn{%
1726 \ifthesis@english\else
1727 {\thesis@selectLocale{english}%
1728 \begin{alwaysssingle}%
1729 \vskip 40 \p@
1730 {\let\thesis@blocks@clear\relax
1731 \chapter*{\thesis@english@abstractTitle}}%
1732 \noindent\thesis@abstractEn
1733 \par\vfil\null
1734 \end{alwaysssingle}}%
1735 \fi}

\thesis@blocks@keywords The \thesis@blocks@keywords macro typesets the keywords.
1736 \def\thesis@blocks@keywords{%

```

```

1737 \begin{alwayssingle}%
1738 {\let\thesis@blocks@clear\relax%
1739 \chapter*{\vspace*{\fill}\thesis@{keywordsTitle}}}%
1740 \noindent\leavevmode\thesis@keywords
1741 \end{alwayssingle}}

```

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

```

1742 \def\thesis@blocks@keywordsEn{%
1743 \ifthesis@english\else
1744 {\thesis@selectLocale{english}%
1745 \begin{alwayssingle}%
1746 {\let\thesis@blocks@clear\relax%
1747 \chapter*{\vspace*{\fill}\thesis@english@keywordsTitle}}%
1748 \noindent\leavevmode\thesis@keywordsEn
1749 \end{alwayssingle}}%
1750 \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.

```

1751 \def\thesis@rewind{%
1752 \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.

```

1753 \newif\ifthesis@blocks@assignment@
1754 \thesis@blocks@assignment@true
1755 \newif\ifthesis@blocks@assignment@hideIfDigital@
1756 \thesis@blocks@assignment@hideIfDigital@true
1757 \def\thesis@blocks@assignment{%

```

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

```

1758 \ifthesis@blocks@assignment@
1759 \ifx\thesis@assignmentFiles\undefined
1760 % Rewind the pages and typeset a placeholder page.
1761 \thesis@blocks@clear
1762 \begin{alwayssingle}%
1763 \thispagestyle{empty}\thesis@rewind
1764 \noindent\textit{\thesis@{assignment}}}%
1765 \end{alwayssingle}%
1766 \else

```

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

```

1767 {\edef\@pdfList{\thesis@assignmentFiles}%
1768 \let\ea\expandafter

```

```

1769      % Injects the specified PDF documents.
1770      \def\@inject##1,{\thesis@blocks@clear
1771        \def\@args{##1}\def\@relax{\relax}%
1772        \ifx\@args\@relax\else
1773          % Trim leading spaces.
1774          \edef\@trimmed{\romannumeral-'\.##1}%
1775          % Rewind the pages and include the PDF.
1776          \thesis@rewind\includepdf[pages=-]\@trimmed
1777          \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

```

1778      \ifx\@pdfList\empty\else
1779      \ifthesis@digital@
1780      \ifthesis@blocks@assignment@hideIfDigital@
1781      \thesis@blocks@clear
1782      \begin{alwaysssingle}%
1783      \thispagestyle{empty}\thesis@rewind
1784      \noindent\textit{\thesis@@{assignment}}}%
1785      \end{alwaysssingle}%

```

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.

```

1786      \else
1787      \ea\@inject\@pdfList,\relax,%
1788      \fi
1789      \else
1790      \ea\@inject\@pdfList,\relax,%
1791      \fi
1792      \fi}%
1793      \fi
1794      \fi}

```

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

```

1795 \def\thesis@blocks@mainMatter{%
1796   \thesis@blocks@clear
1797   \setcounter{page}{1}
1798   \pagenumbering{arabic}
1799   \pagestyle{thesisheadings}
1800   \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

```

1801 \def\thesis@blocks@bibEntry{%
1802   \thesis@blocks@clear
1803   \chapter*{\thesis@{bib@title}}
1804   {% Calculate the width of the columns
1805     \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1806       \bf\thesis@{bib@author}:}}
1807     \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1808       \bf\thesis@{bib@thesisTitle}:}}
1809     \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1810       \bf\thesis@{bib@programme}:}}
1811     \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1812       \bf\thesis@{bib@field}:}}
1813     \let\@E\relax\newlength{\@E}
1814       \settowidth{\@E}{\bf\thesis@{bib@advisor}:}}
1815     \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1816       \bf\thesis@{bib@academicYear}:}}
1817     \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1818       \bf\thesis@{bib@pages}:}}
1819     \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1820       \bf\thesis@{bib@keywords}:}}
1821     \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1822     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1823       max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1824     \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1825       \textwidth-\@left-\@skip}
1826     % Typeset the table
1827     \noindent\begin{thesis@newtable@old}%
1828       {@}p{\@left}@{\hskip\@skip}p{\@right}@{}
1829       \textbf{\thesis@{bib@author}%
1830         \ifthesis@english\else\ifthesis@woman ka\fi\fi:} &
1831         \noindent\parbox[t]{\@right}{
1832           \thesis@author\\
1833           \thesis@{facultyName} \\
1834           \thesis@{universityName}\\
1835           \thesis@department@name
1836         }\\
1837       \textbf{\thesis@{bib@thesisTitle}:}
1838       & \thesis@title \\
1839       \textbf{\thesis@{bib@programme}:}
1840       & \thesis@programme \\
1841       \textbf{\thesis@{bib@field}:}
1842       & \thesis@field \\
1843       \textbf{\thesis@{bib@advisor}:}
1844       & \thesis@advisor \\
1845       \textbf{\thesis@{bib@academicYear}:}
1846       & \thesis@academicYear \\

```

```

1847 \textbf{\thesis@{bib@pages}:}
1848 & \thesis@pages@preamble{} + \thesis@pages \\\
1849 \textbf{\thesis@{bib@keywords}:}
1850 & \thesis@TeXkeywords \\\
1851 \end{thesis@newtable@old}}
1852
1853 \def\thesis@blocks@bibEntryEn{%
1854 \ifthesis@english\else
1855 \thesis@blocks@clear
1856 \chapter*{\thesis@english@bib@title}
1857 {% Calculate the width of the columns
1858 \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
1859 \bf\thesis@english@bib@author:}}
1860 \let\@B\relax\newlength{\@B}\settowidth{\@B}{\%
1861 \bf\thesis@english@bib@thesisTitle:}}
1862 \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
1863 \bf\thesis@english@bib@programme:}}
1864 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\%
1865 \bf\thesis@english@bib@field:}}
1866 \let\@E\relax\newlength{\@E}
1867 \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1868 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\%
1869 \bf\thesis@english@bib@academicYear:}}
1870 \let\@G\relax\newlength{\@G}\settowidth{\@G}{\%
1871 \bf\thesis@english@bib@pages:}}
1872 \let\@H\relax\newlength{\@H}\settowidth{\@H}{\%
1873 \bf\thesis@english@bib@keywords:}}
1874 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1875 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{\%
1876 max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1877 \let\@right\relax\newlength{\@right}\setlength{\@right}{\%
1878 \textwidth-\@left-\@skip}
1879 % Typeset the table
1880 \noindent\begin{thesis@newtable@old}%
1881 { @{}p{\@left}@{\hskip\@skip}p{\@right}@{} }
1882 \textbf{\thesis@english@authorTitle:} &
1883 \noindent\parbox[t]{\@right}{
1884 \thesis@author\\
1885 \thesis@english@facultyName \\\
1886 \thesis@english@universityName\\
1887 \thesis@departmentEn@name
1888 }\\
1889 \textbf{\thesis@english@bib@thesisTitle:}
1890 & \thesis@titleEn \\\
1891 \textbf{\thesis@english@bib@programme:}
1892 & \thesis@programmeEn \\\
1893 \textbf{\thesis@english@bib@field:}
1894 & \thesis@fieldEn \\\
1895 \textbf{\thesis@english@bib@advisor:}
1896 & \thesis@advisor \\\

```

```

1897 \textbf{\thesis@english@bib@academicYear:}
1898 & \thesis@academicYear \\
1899 \textbf{\thesis@english@bib@pages:}
1900 & \thesis@pages@preamble{} + \thesis@pages \\
1901 \textbf{\thesis@english@bib@keywords:}
1902 & \thesis@TeXkeywordsEn \\
1903 \end{thesis@newtable@old}}
1904 \fi}

```

`\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>TeX package. Otherwise, this macro produces no output.

```

1905 \def\thesis@blocks@bibliography{%
1906 \ifthesis@bibliography@loaded@
1907 \ifthesis@bibliography@included@%else
1908 \thesis@blocks@clear
1909 {\emergencystretch=3em%
1910 \printbibliography[heading=bibintoc]}}
1911 \fi
1912 \fi}

```

The rest of the file comprises redefinitions of <sub>La</sub>TeX 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-mu-10.clo`, `fithesis-mu-11.clo` or `fithesis-mu-12.clo` file is loaded from the `\thesis@stylepath mu` directory, respectively.

```

1913 % Table of contents will contain sectioning commands up to
1914 % \subsection.
1915 \setcounter{tocdepth}{2}
1916
1917 % Sections up to \subsection will be numbered.
1918 \setcounter{secnumdepth}{2}
1919
1920 % Load the 'fithesis-mu-1*.clo' size option.
1921 \input\thesis@stylepath mu/fithesis-mu-1\thesis@ptsize.clo\relax
1922
1923 % Define the running heading style.
1924 \def\ps@thesisheadings{%
1925 \def\chaptermark##1{%
1926 \markright{%
1927 \ifnum\c@secnumdepth >\m@ne
1928 \thechapter.\ %
1929 \fi ##1}}
1930 \let\@oddfoot\@empty
1931 \let\@oddhead\@empty
1932 \def\@oddhead{%
1933 \vbox{%
1934 \hbox to \textwidth{%

```

```

1935     \hfil{\sc\rightmark}}%
1936     \vskip 4pt\hrule}}
1937 \if@twoside
1938     \def\@evenhead{%
1939         \vbox{%
1940             \hbox to \textwidth{%
1941                 {\sc\rightmark}%
1942                 \hfil}
1943             \vskip 4pt\hrule}}
1944 \else
1945     \let\@evenhead\@oddhead
1946 \fi
1947 \def\@oddfoot{\hfil\PageFont\thepage}
1948 \if@twoside
1949     \def\@evenfoot{\PageFont\thepage\hfil}%
1950 \else
1951     \let\@evenfoot\@oddfoot
1952 \fi
1953 \let\@mkboth\markboth}

1954 \let\ps@headings\ps@thesisheadings
1955 \let\ps@myheadings\ps@thesisheadings
1956
1957 % Redefine the style of the chapter headings.
1958 \renewcommand*\chapter{%
1959     \thesis@blocks@clear
1960     \thispagestyle{plain}%
1961     \global\@topnum\z@
1962     \@afterindentfalse
1963     \secdef\@chapter\@schapter}
1964
1965 % Redefine the style of part headings.
1966 \renewcommand*\part{%
1967     \thesis@blocks@clear
1968     \if@twocolumn
1969         \onecolumn
1970         \@tempwattrue
1971     \else
1972         \@tempwafalse
1973     \fi
1974     \hbox{}\vfil
1975     \secdef\@part\@spart}
1976
1977 % A macro for temporary multicol -> singlecol switching.
1978 \newif\if@restonecol
1979 \def\alwayssingle{%
1980     \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1981 \def\endalwayssingle{\if@restonecol\twocolumn\fi}
1982
1983 % Disable uppercasing in PDF strings.

```



```

1984 \pdfstringdefDisableCommands{%
1985   \let\MakeUppercase\relax}
1986
1987 % Set up the ToC entries appearance.
1988 \renewcommand*\toc@font[1]{%
1989   \ifcase #1\relax
1990     \bfseries % \chapter (0)
1991   \or
1992     \slshape % \section (1)
1993   \else
1994     \rmfamily % \subsection (2), \subsubsection (3)
1995               % \paragraph, \subparagraph (4)
1996   \fi}
1997
1998 % Set up the table of contents entries for sectioning commands.
1999 \renewcommand*\l@part[2]{%
2000   \ifnum \c@tocdepth >-2\relax
2001     \addpenalty{-\@highpenalty}%
2002     \ifnum \c@tocdepth >0\relax
2003       \addvspace{2.25em \@plus\p@}%
2004     \else
2005       \addvspace{1.0em \@plus\p@}%
2006     \fi
2007     \begingroup
2008       \setlength\@tempdima{3em}%
2009       \parindent \z@ \rightskip \@pnumwidth
2010       \parfillskip -\@pnumwidth
2011       {\leavevmode
2012         \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
2013       \nobreak
2014       \global\@nobreaktrue
2015       \everypar{\global\@nobreakfalse\everypar{}}%
2016     \endgroup
2017   \fi}
2018
2019 \renewcommand*\l@chapter[2]{%
2020   \ifnum \c@tocdepth >0\relax
2021     \addpenalty{-\@highpenalty}%
2022     \addvspace{1.0em \@plus\p@}%
2023     \setlength\@tempdima{1.5em}%
2024     \begingroup
2025       \parindent \z@ \rightskip \@pnumwidth
2026       \parfillskip -\@pnumwidth
2027       \leavevmode \bfseries
2028       \advance\leftskip\@tempdima
2029       \hskip -\leftskip
2030       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
2031       \penalty\@highpenalty
2032     \endgroup
2033   \else

```

```

2034 \@dottedtocline{0}{0em}{1.5em}{#1}{#2}
2035 \fi}
2036
2037 \renewcommand*\l@section{\@dottedtocline{1}{1.5em}{2.3em}}
2038 \renewcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
2039 \renewcommand*\l@subsubsection{\@dottedtocline{3}{7.0em}{4.1em}}
2040 \renewcommand*\l@paragraph{\@dottedtocline{4}{10.0em}{5.0em}}
2041 \renewcommand*\l@subparagraph{\@dottedtocline{4}{12.0em}{6.0em}}

2042 \renewcommand*\l@figure{\@dottedtocline{1}{0.5em}{2.3em}}
2043 \renewcommand*\l@table{\@dottedtocline{1}{0.5em}{2.3em}}

```

### 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.

```

2044 <*opt>
2045 <*10pt>
2046 \ProvidesFile{fithesis/style/mu/fithesis-mu-10.clo}[2021/02/21]
2047
2048 \renewcommand{\normalsize}{\fontsize\expt{12}\selectfont
2049 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2050 \belowdisplayskip \abovedisplayskip
2051 \abovedisplayshortskip \z@ plus3\p@
2052 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2053 \let\@listi\@listI}
2054
2055 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont
2056 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
2057 \belowdisplayskip \abovedisplayskip
2058 \abovedisplayshortskip \z@ plus2\p@
2059 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
2060 \def\@listi{\leftmargin\leftmarginI
2061 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
2062 \itemsep \parsep}}
2063
2064 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont
2065 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
2066 \belowdisplayskip \abovedisplayskip
2067 \abovedisplayshortskip \z@ plus\p@
2068 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
2069 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2070 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
2071 \itemsep \parsep}}
2072
2073 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
2074 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
2075 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
2076 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
2077 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}

```

```

2078 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
2079 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
2080
2081 </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.

```

2082 <*11pt>
2083 \ProvidesFile{fithesis/style/mu/fithesis-mu-11.clo}[2021/02/21]
2084
2085 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont}
2086 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
2087 \belowdisplayskip \abovedisplayskip
2088 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2089 % \abovedisplayshortskip \z@ plus3\p@
2090 \let\@listi\@listI}
2091
2092 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont}
2093 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2094 \belowdisplayskip \abovedisplayskip
2095 \abovedisplayshortskip \z@ plus3\p@
2096 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2097 \def\@listi{\leftmargin\leftmarginI
2098 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
2099 \itemsep \parsep}}
2100
2101 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont}
2102 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
2103 \belowdisplayskip \abovedisplayskip
2104 \abovedisplayshortskip \z@ plus\p@
2105 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
2106 \def\@listi{\leftmargin\leftmarginI
2107 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
2108 \itemsep \parsep}}
2109
2110 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
2111 \renewcommand{\tiny}{\fontsize\@vipt{7pt}\selectfont}
2112 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
2113 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
2114 \renewcommand{\LARGE}{\fontsize\@xvipt{22pt}\selectfont}
2115 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
2116 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
2117
2118 </11pt>

```

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

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

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

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

```

2119 (*12pt)
2120 \ProvidesFile{fithesis/style/mu/fithesis-mu-12.clo}[2021/02/21]
2121 (/12pt)
2122
2123 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%
2124 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
2125 \belowdisplayskip \abovedisplayskip
2126 \abovedisplayshortskip \z@ plus3\p@
2127 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2128 \let\@listi\@listI}
2129
2130 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont
2131 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
2132 \belowdisplayskip \abovedisplayskip
2133 \abovedisplayshortskip \z@ plus3\p@
2134 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2135 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2136 \parsep 4.5\p@ plus2\p@ minus\p@
2137 \itemsep \parsep
2138 \topsep 9\p@ plus3\p@ minus5\p@}}
2139
2140 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont
2141 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2142 \belowdisplayskip \abovedisplayskip

```

```

2143 \abovedisplayshortskip \z@ plus3\p@
2144 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2145 \def\@listi{\leftmargin\leftmarginini %% Added 22 Dec 87
2146 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
2147 \itemsep \parsep}}
2148
2149 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
2150 \def\thesis@titlePage@tiny{\fontsize\@vpt{7pt}\selectfont}
2151 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
2152 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
2153 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
2154 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
2155 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
2156
2157 (*12pt)
2158 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
2159 \renewcommand{\small}{\thesis@titlePage@small}
2160 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
2161 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
2162 \renewcommand{\tiny}{\thesis@titlePage@tiny}
2163 \renewcommand{\large}{\thesis@titlePage@large}
2164 \renewcommand{\Large}{\thesis@titlePage@Large}
2165 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
2166 \renewcommand{\huge}{\thesis@titlePage@huge}
2167 \renewcommand{\Huge}{\thesis@titlePage@Huge}
2168 (/12pt)
2169 \let\@normalsize\normalsize
2170 \normalsize
2171
2172 \if@twoside
2173 \oddsidemargin 0.75in
2174 \evensidemargin 0.4in
2175 \marginparwidth 0pt
2176 \else
2177 \oddsidemargin 0.75in
2178 \evensidemargin 0.75in
2179 \marginparwidth 0pt
2180 \fi
2181 \marginparsep 10pt
2182
2183 \topmargin 0.4in
2184
2185 \headheight 20pt
2186 \headsep 10pt
2187 \topskip 10pt
2188 \footskip 30pt
2189
2190 (*10pt)
2191 \textheight = 43\baselineskip
2192 \advance\textheight by \topskip

```

2193 \textwidth 5.0truein  
 2194 \columnsep 10pt  
 2195 \columnseprule 0pt  
 2196  
 2197 \footnotesep 6.65pt  
 2198 \skip\footins 9pt plus 4pt minus 2pt  
 2199 \floatsep 12pt plus 2pt minus 2pt  
 2200 \textfloatsep 20pt plus 2pt minus 4pt  
 2201 \intextsep 12pt plus 2pt minus 2pt  
 2202 \dblfloatsep 12pt plus 2pt minus 2pt  
 2203 \dbltextfloatsep 20pt plus 2pt minus 4pt  
 2204  
 2205 \@fptop 0pt plus 1fil  
 2206 \@fpsep 8pt plus 2fil  
 2207 \@fpbot 0pt plus 1fil  
 2208 \@dblftop 0pt plus 1fil  
 2209 \@dblfpsep 8pt plus 2fil  
 2210 \@dblfpbot 0pt plus 1fil  
 2211 \marginparpush 5pt  
 2212  
 2213 \parskip 0pt plus 1pt  
 2214 \partopsep 2pt plus 1pt minus 1pt  
 2215  
 2216 </10pt>  
 2217 %  
 2218 <\*11pt>  
 2219 \textheight = 39\baselineskip  
 2220 \advance\textheight by \topskip  
 2221 \textwidth 5.0truein  
 2222 \columnsep 10pt  
 2223 \columnseprule 0pt  
 2224  
 2225 \footnotesep 7.7pt  
 2226 \skip\footins 10pt plus 4pt minus 2pt  
 2227 \floatsep 12pt plus 2pt minus 2pt  
 2228 \textfloatsep 20pt plus 2pt minus 4pt  
 2229 \intextsep 12pt plus 2pt minus 2pt  
 2230 \dblfloatsep 12pt plus 2pt minus 2pt  
 2231 \dbltextfloatsep 20pt plus 2pt minus 4pt  
 2232  
 2233 \@fptop 0pt plus 1fil  
 2234 \@fpsep 8pt plus 2fil  
 2235 \@fpbot 0pt plus 1fil  
 2236 \@dblftop 0pt plus 1fil  
 2237 \@dblfpsep 8pt plus 2fil  
 2238 \@dblfpbot 0pt plus 1fil  
 2239 \marginparpush 5pt  
 2240  
 2241 \parskip 0pt plus 0pt  
 2242 \partopsep 3pt plus 1pt minus 2pt

```

2243
2244 </11pt>
2245 %
2246 <*12pt>
2247 \textheight = 37\baselineskip
2248 \advance\textheight by \topskip
2249 \textwidth 5.0truein
2250 \columnsep 10pt
2251 \columnseprule 0pt
2252
2253 \footnotesep 8.4pt
2254 \skip\footins 10.8pt plus 4pt minus 2pt
2255 \floatsep 14pt plus 2pt minus 4pt
2256 \textfloatsep 20pt plus 2pt minus 4pt
2257 \intextsep 14pt plus 4pt minus 4pt
2258 \dblfloatsep 14pt plus 2pt minus 4pt
2259 \dbltextfloatsep 20pt plus 2pt minus 4pt
2260
2261 \@fptop 0pt plus 1fil
2262 \@fpsep 10pt plus 2fil
2263 \@fpbot 0pt plus 1fil
2264 \@dblftop 0pt plus 1fil
2265 \@dblfpsep 10pt plus 2fil
2266 \@dblfpbot 0pt plus 1fil
2267 \marginparpush 7pt
2268
2269 \parskip 0pt plus 0pt
2270 \partopsep 3pt plus 2pt minus 2pt
2271
2272 </12pt>
2273 \@lowpenalty 51
2274 \@medpenalty 151
2275 \@highpenalty 301
2276 \@beginparpenalty -\@lowpenalty
2277 \@endparpenalty -\@lowpenalty
2278 \@itempenalty -\@lowpenalty
2279
2280 \def\@makechapterhead#1{{%
2281   \setlength\parindent{\z@}%
2282   \setlength\parskip {\z@}%
2283   \Large \ChapFont
2284   \ifnum
2285     \c@secnumdepth >\m@ne
2286     \par\nobreak
2287     \vskip 10\p@
2288     \thechapter{} \space
2289     \fi #1\par
2290     \nobreak
2291     \vskip 20\p@}}
2292

```

```

2293 \def\@makeschapterhead#1{%
2294   \setlength\parindent{\z@}%
2295   \setlength\parskip {\z@}%
2296   \Large \ChapFont #1\par
2297   \nobreak
2298   \vskip 20\p@}}
2299
2300 \def\chapter{%
2301   \clearpage
2302   \thispagestyle{plain}
2303   \global\@topnum\z@
2304   \@afterindentfalse
2305   \secdef\@chapter\@schapter}
2306
2307 \def\@chapter[#1]#2{%
2308   \ifnum \c@secnumdepth
2309     >\m@ne
2310     \refstepcounter{chapter}%
2311     \typeout{\@chapapp\space\thechapter.}%
2312     \addcontentsline{toc}{chapter}{\protect
2313       \numberline{\thechapter}\bfseries #1}
2314   \else
2315     \addcontentsline{toc}{chapter}{\bfseries #1}
2316   \fi
2317   \chaptermark{#1}%
2318   \addtocontents{lof}%
2319   {\protect\addvspace{4\p@}}
2320   \addtocontents{lot}%
2321   {\protect\addvspace{4\p@}}
2322   \if@twocolumn
2323     \@topnewpage[\@makechapterhead{#2}]%
2324   \else
2325     \@makechapterhead{#2}%
2326     \@afterheading
2327   \fi
2328 }
2329
2330 \def\section{\@startsection{section}{1}{\z@}{%
2331   -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
2332   \reset@font\large\bfseries}}
2333 \def\subsection{\@startsection{subsection}{2}{\z@}{%
2334   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2335   \reset@font\normalsize\bfseries}}
2336 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
2337   -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2338   \reset@font\normalsize}}
2339 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
2340   3.25ex plus1ex minus.2ex}{-1em}{%
2341   \reset@font\normalsize\bfseries}}
2342 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%

```



```

2343 3.25ex plus1ex minus.2ex}{-1em}{%
2344 \reset@font\normalsize\bfseries}}
2345
2346 \leftmargini 2.5em
2347 \leftmarginii 2.2em % > \labelsep + width of '(m)'
2348 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
2349 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
2350 \leftmarginv 1em
2351 \leftmarginvi 1em
2352
2353 \leftmargin\leftmargini
2354 \labelsep .5em
2355 \labelwidth\leftmargini\advance\labelwidth-\labelsep
2356
2357 (*10pt)
2358 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
2359 \topsep 8\p@ plus2\p@ minus4\p@
2360 \itemsep 4\p@ plus2\p@ minus\p@}
2361
2362 \let\@listi\@listI
2363 \@listi
2364
2365 \def\@listii{\leftmargin\leftmarginii
2366 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2367 \topsep 4\p@ plus2\p@ minus\p@
2368 \parsep 2\p@ plus\p@ minus\p@
2369 \itemsep \parsep}
2370
2371 \def\@listiii{\leftmargin\leftmarginiii
2372 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2373 \topsep 2\p@ plus\p@ minus\p@
2374 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
2375 \itemsep \topsep}
2376
2377 \def\@listiv{\leftmargin\leftmarginiv
2378 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2379
2380 \def\@listv{\leftmargin\leftmarginv
2381 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2382
2383 \def\@listvi{\leftmargin\leftmarginvi
2384 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2385 (/10pt)
2386 %
2387 (*11pt)
2388 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
2389 \topsep 9\p@ plus3\p@ minus5\p@
2390 \itemsep 4.5\p@ plus2\p@ minus\p@}
2391
2392 \let\@listi\@listI

```

```

2393 \@listi
2394
2395 \def\@listii{\leftmargin\leftmarginii
2396 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2397 \topsep 4.5\p@ plus2\p@ minus\p@
2398 \parsep 2\p@ plus\p@ minus\p@
2399 \itemsep \parsep}
2400
2401 \def\@listiii{\leftmargin\leftmarginiii
2402 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2403 \topsep 2\p@ plus\p@ minus\p@
2404 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2405 \itemsep \topsep}
2406
2407 \def\@listiv{\leftmargin\leftmarginiv
2408 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2409
2410 \def\@listv{\leftmargin\leftmarginv
2411 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2412
2413 \def\@listvi{\leftmargin\leftmarginvi
2414 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2415 </11pt>
2416 %
2417 < *12pt>
2418 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
2419 \topsep 10\p@ plus4\p@ minus6\p@
2420 \itemsep 5\p@ plus2.5\p@ minus\p@}
2421
2422 \let\@listi\@listI
2423 \@listi
2424
2425 \def\@listii{\leftmargin\leftmarginii
2426 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2427 \topsep 5\p@ plus2.5\p@ minus\p@
2428 \parsep 2.5\p@ plus\p@ minus\p@
2429 \itemsep \parsep}
2430
2431 \def\@listiii{\leftmargin\leftmarginiii
2432 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2433 \topsep 2.5\p@ plus\p@ minus\p@
2434 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2435 \itemsep \topsep}
2436
2437 \def\@listiv{\leftmargin\leftmarginiv
2438 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2439
2440 \def\@listv{\leftmargin\leftmarginv
2441 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2442

```

```

2443 \def\@listvi{\leftmargin\leftmarginvi
2444 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2445 \</12pt>
2446 \</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 faculty directive <sup>1</sup>.

```

2447 \NeedsTeXFormat{LaTeX2e}
2448 \ProvidesPackage{fithesis/style/mu/fithesis-mu-fi}[2021/04/24]

```

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.

```

2449 \thesis@color@setup{
2450   links={HTML}{FFD451},
2451   tableEmph={HTML}{FFD451},
2452   tableOdd={HTML}{FFF9E5},
2453   tableEven={HTML}{FFECB3}}

```

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

```

2454 \thesis@bibliography@setup{
2455   style=iso-numeric,
2456   sorting=none}
2457 \thesis@bibliography@load

```

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

```

2458 \ifx\thesis@type\thesis@rigorous
2459   \thesis@blocks@assignment@false
2460 \else\ifx\thesis@type\thesis@doctoral
2461   \thesis@blocks@assignment@false
2462 \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.

```

2463 \def\thesis@blocks@declaration{%
2464   \thesis@blocks@clear
2465   \begin{alwaysingle}%
2466     \chapter*{\thesis@{declarationTitle}}%
2467     \thesis@declaration

```

---

<sup>1</sup>See [https://is.muni.cz/auth/do/fi/uredni\\_deska/predpisy/smernice/Smernice\\_dekana\\_1\\_2021\\_zaverecne\\_prace.pdf](https://is.muni.cz/auth/do/fi/uredni_deska/predpisy/smernice/Smernice_dekana_1_2021_zaverecne_prace.pdf)

```

2468 \vskip 2cm%
2469 \hfill\thesis@author
2470 \par\vfill\noindent
2471 \textbf{\thesis@{advisorTitle}:} \thesis@advisor
2472 \par\vfil
2473 \end{alwayssingle}}

```

```

2474 \thesis@blocks@titlePage@field@false
2475 \thesis@blocks@titlePage@programme@false

```

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.

```

2476 \def\thesis@blocks@preamble{%
2477   \thesis@blocks@coverMatter
2478   \thesis@blocks@cover
2479   \thesis@blocks@frontMatter
2480   \thesis@blocks@titlePage
2481   \thesis@blocks@seal
2482   \ifx\thesis@type\thesis@proposal
2483     \thesis@blocks@toc
2484   \else
2485     \thesis@blocks@declaration
2486     \thesis@blocks@thanks
2487     \thesis@blocks@clear
2488     \thesis@blocks@abstract
2489     \thesis@blocks@keywords
2490     \thesis@blocks@tables
2491   \fi}
2492 \def\thesis@blocks@postamble{%
2493   \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>.

```

2494 \NeedsTeXFormat{LaTeX2e}
2495 \ProvidesPackage{fithesis/style/mu/fithesis-mu-sci}[2021/07/18]

```

<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 [https://is.muni.cz/auth/do/sci/normy/OD/OD-2019\\_3/OD\\_3\\_2019\\_-\\_Pokyny\\_pro\\_vypracovani\\_bc.\\_dipl.\\_a\\_rigor.praci.pdf](https://is.muni.cz/auth/do/sci/normy/OD/OD-2019_3/OD_3_2019_-_Pokyny_pro_vypracovani_bc._dipl._a_rigor.praci.pdf)

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.

```
2496 \thesis@color@setup{
2497   links={HTML}{20E366},
2498   tableEmph={HTML}{8EDEAA},
2499   tableOdd={HTML}{EDF7F1},
2500   tableEven={HTML}{CCEDD8}}
```

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

```
2501 \thesis@bibliography@setup{
2502   style=iso-numeric,
2503   sorting=none}
2504 \thesis@bibliography@load
```

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

```
2505 \thesis@blocks@titlePage@field@false
2506 \thesis@blocks@titlePage@programme@false
2507
2508 \thesis@blocks@assignment@hideIfDigital@false
```

`\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.

```
2509 \def\thesis@blocks@frontMatter{%
2510   \thesis@blocks@clear
2511   \pagestyle{empty}
2512   \parindent 1.5em
2513   \setcounter{page}{1}
2514   \pagenumbering{arabic}}
```

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.

```
2515 \def\thesis@blocks@mainMatter{%
2516   \thesis@blocks@clear
2517   \pagestyle{thesisheadings}
2518   \parindent 1.5em\relax}
```

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

```
2519 \def\thesis@blocks@preamble{
2520   \thesis@blocks@coverMatter
2521   \thesis@blocks@cover
2522   \thesis@blocks@frontMatter
2523   \thesis@blocks@titlePage
2524   \thesis@blocks@seal
2525   \ifx\thesis@type\thesis@proposal
```

```

2526 \thesis@blocks@clear
2527 \pagestyle{plain}
2528 \thesis@blocks@toc
2529 \else
2530 \thesis@blocks@bibEntry
2531 \thesis@blocks@bibEntryEn
2532 \thesis@blocks@clear
2533 \thesis@blocks@abstract
2534 \thesis@blocks@clearRight
2535 \thesis@blocks@abstractEn
2536 \thesis@blocks@assignment
2537 \thesis@blocks@thanks
2538 \thesis@blocks@declaration

2539 \thesis@blocks@clear
2540 \pagestyle{plain}
2541 \thesis@blocks@tables
2542 \fi}
2543 \def\thesis@blocks@postamble{%
2544 \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 department of Slavonic Studies<sup>4</sup>.

```

2545 \NeedsTeXFormat{LaTeX2e}
2546 \ProvidesPackage{fithesis/style/mu/fithesis-mu-phil}[2021/04/24]

```

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.

```

2547 \thesis@color@setup{
2548   links={HTML}{6FCEF2},
2549   tableEmph={HTML}{78CEF0},
2550   tableOdd={HTML}{EBF6FA},
2551   tableEven={HTML}{D0EBF5}}

```

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

```

2552 \thesis@bibliography@setup{
2553   style=iso-authoryear,
2554   sorting=nty}
2555 \thesis@bibliography@load

```

---

<sup>4</sup>See <https://slavistika.phil.muni.cz/media/2109309/diplomove-prace-pokyny.pdf> and the thesis Word template [https://is.muni.cz/auth/do/phil/Pracoviste/S0/vzory\\_praci/sablonaDP-MUNI-ARTS-dipl-obor.dotx](https://is.muni.cz/auth/do/phil/Pracoviste/S0/vzory_praci/sablonaDP-MUNI-ARTS-dipl-obor.dotx)

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)

```
2556 \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.

```
2557 \ifx\thesis@department\thesis@departments@kisk
2558 \def\thesis@department@name{\thesis@{departmentName}}
2559 \def\thesis@departmentEn@name{\thesis@english@departmentName}
2560 \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 and postamble that are not defined within this file are defined in the `style/mu/fithesis-base.sty` file.

```
2561 \def\thesis@blocks@preamble{%
2562 \thesis@blocks@coverMatter
2563 \thesis@blocks@cover
2564 \thesis@blocks@frontMatter
2565 \thesis@blocks@titlePage
2566 \thesis@blocks@seal
```

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

```
2567 \ifx\thesis@department\thesis@departments@kisk
2568 \thesis@blocks@bibEntry
2569 \thesis@blocks@abstract
2570 \thesis@blocks@bibEntryEn
2571 \thesis@blocks@abstractEn
2572 \fi
2573 \thesis@blocks@declaration
2574 \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.

```
2575 \ifx\thesis@department\thesis@departments@kisk
2576 \thesis@blocks@toc
2577 \else
2578 \thesis@blocks@tables
2579 \fi}
2580 \def\thesis@blocks@postamble{%
2581 \ifx\thesis@department\thesis@departments@kisk
```

---

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

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

```
2582 \thesis@blocks@lot
2583 \thesis@blocks@lof
2584 \fi
2585 \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>.

```
2586 \NeedsTeXFormat{LaTeX2e}
2587 \ProvidesPackage{fithesis/style/mu/fithesis-mu-ped}[2021/04/24]
```

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.

```
2588 \thesis@color@setup{
2589   links={HTML}{FFA02F},
2590   tableEmph={HTML}{FFBB6B},
2591   tableOdd={HTML}{FFF1E0},
2592   tableEven={HTML}{FFDEB7}}
```

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

```
2593 \thesis@bibliography@setup{
2594   style=apa,
2595   sorting=nty}
2596 \thesis@bibliography@load
```

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.

```
2597 \def\thesis@blocks@preamble{%
2598   \thesis@blocks@coverMatter
2599   \thesis@blocks@cover
2600   \thesis@blocks@frontMatter
2601   \thesis@blocks@titlePage
2602   \thesis@blocks@seal
```

---

<sup>6</sup>See [K\\_realizaci\\_zaverecných\\_práci\\_\\_bakalářských\\_\\_diplomových\\_\\_rigorózních\\_a\\_zaverecných\\_práci\\_CZV\\_](http://www.ped.muni.cz/pedagogika/wp-content/uploads/2018/08/standard_zaverecných_práci_katedra_pedagogiky-opravene3_08.pdf), and standard of the department of Pedagogy [http://www.ped.muni.cz/pedagogika/wp-content/uploads/2018/08/standard\\_zaverecných\\_práci\\_katedra\\_pedagogiky-opravene3\\_08.pdf](http://www.ped.muni.cz/pedagogika/wp-content/uploads/2018/08/standard_zaverecných_práci_katedra_pedagogiky-opravene3_08.pdf)



```

2603 \thesis@blocks@bibEntry
2604 \thesis@blocks@abstract
2605 \thesis@blocks@bibEntryEn
2606 \thesis@blocks@abstractEn
2607 \thesis@blocks@declaration
2608 \thesis@blocks@thanks
2609 \thesis@blocks@tables}
2610 \def\thesis@blocks@postamble{%
2611 \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. It has been prepared in accordance with the MS template of the faculty <sup>7</sup>.

```

2612 \NeedsTeXFormat{LaTeX2e}
2613 \ProvidesPackage{fithesis/style/mu/fithesis-mu-fss}[2021/04/24]

```

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}{58EDD7},
2616   tableEmph={HTML}{69D6C6},
2617   tableOdd={HTML}{E3F1EE},
2618   tableEven={HTML}{C5E3DF}}

```

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

```

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

```

```

2623 \thesis@blocks@titlePage@field@false

```

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

```

2624 \def\thesis@blocks@frontMatter{%
2625   \pagestyle{plain}
2626   \parindent 1.5em
2627   \setcounter{page}{1}
2628   \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

---

<sup>7</sup>See [https://is.muni.cz/auth/do/fss/sablona\\_zaverecne\\_prace/sablonaDP-MUNI-FSS.dotx](https://is.muni.cz/auth/do/fss/sablona_zaverecne_prace/sablonaDP-MUNI-FSS.dotx)

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.

```
2629 \def\thesis@blocks@preamble{%
2630   \thesis@blocks@coverMatter
2631   \thesis@blocks@cover
2632   \thesis@blocks@frontMatter
2633   \thesis@blocks@titlePage
2634   \thesis@blocks@seal
2635   \thesis@blocks@bibEntry
2636   \thesis@blocks@abstract
2637   \thesis@blocks@bibEntryEn
2638   \thesis@blocks@abstractEn
2639   \thesis@blocks@declaration
2640   \thesis@blocks@thanks
2641   \thesis@blocks@tables}
2642 \def\thesis@blocks@postamble{%
2643   \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>.

```
2644 \NeedsTeXFormat{LaTeX2e}
2645 \ProvidesPackage{fithesis/style/mu/fithesis-mu-law}[2021/07/18]
```

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.

```
2646 \thesis@color@setup{
2647   links={HTML}{CF86EB},
2648   tableEmph={HTML}{D39BE8},
2649   tableOdd={HTML}{F2EBF5},
2650   tableEven={HTML}{E5CCED}}
```

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

```
2651 \thesis@bibliography@setup{%
2652   style=iso-author title,
2653   sorting=nyt}
2654 \thesis@bibliography@load
```

---

<sup>8</sup>See <http://is.muni.cz/do/law/ud/predp/smer/S-07-2012.pdf>, and [https://is.muni.cz/do/law/ud/predp/smer/Smernice\\_dekana\\_c.\\_3-2020\\_0\\_citacich\\_dokumentu.pdf](https://is.muni.cz/do/law/ud/predp/smer/Smernice_dekana_c._3-2020_0_citacich_dokumentu.pdf)

Each footnote is uniquely numbered across the entire document as per the formal requirements of the faculty.

```
2655 \thesis@require{chngcntr}
```

```
2656 \counterwithout{footnote}{chapter}
```

The style file configures the upper part of the title page headers to include the name of the department and the study field which are by default in the bottom part of the title page.

```
2657 \thesis@blocks@titlePage@programme@false
```

```
2658
```

```
2659 \thesis@xpatch\thesis@blocks@titlePage{%
```

```
2660 {\sf\thesis@titlePage@large\thesis@{@advisorTitle}: \thesis@advisor\par}%
```

```
2661 \vspace{0.75cm}%
```

```
2662 \ifthesis@blocks@titlePage@department@
```

```
2663 {\sf\thesis@titlePage@large\thesis@department@name\par}%
```

```
2664 \fi
```

```
2665 \ifthesis@blocks@titlePage@programme@
```

```
2666 \vspace{0.25cm}%
```

```
2667 {\sf\thesis@titlePage@large\thesis@{@bib@programme}:
```

```
2668 \thesis@programme\par}%
```

```
2669 \fi
```

```
2670 \ifthesis@blocks@titlePage@field@
```

```
2671 \vspace{0.25cm}%
```

```
2672 {\sf\thesis@titlePage@large\thesis@{@fieldTitle}:
```

```
2673 \thesis@field@name\par}%
```

```
2674 \fi
```

```
2675 \vfill
```

```
2676 }{}
```

```
2677
```

```
2678 \thesis@xpatch\thesis@blocks@titlePage{%
```

```
2679 {\sf\thesis@titlePage@large\thesis@{@upper{facultyName}}\par}%
```

```
2680 \vfill
```

```
2681 }{%
```

```
2682 {\sf\thesis@titlePage@large\thesis@{@upper{facultyName}}\par}%
```

```
2683 \vspace{0.5cm}%
```

```
2684 {\sf\thesis@titlePage@large\thesis@field\par}%
```

```
2685 \vspace{0.25cm}%
```

```
2686 {\sf\thesis@titlePage@large\thesis@department@name\par}%
```

```
2687 \vspace{1cm}%
```

```
2688 }
```

\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 and it is hidden.

```
2689 \def\thesis@blocks@frontMatter{%
```

```
2690 \thesis@blocks@clear
```

```
2691 \pagestyle{empty}
```

```
2692 \parindent 1.5em
```

```
2693 \setcounter{page}{1}
```

```
2694 \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.

```
2695 \def\thesis@blocks@mainMatter{%
2696   \thesis@blocks@clear
2697   \pagestyle{thesisheadings}
2698   \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.

```
2699 \def\thesis@blocks@preamble{%
2700   \thesis@blocks@coverMatter
2701   \thesis@blocks@cover
2702   \thesis@blocks@frontMatter
2703   \thesis@blocks@titlePage
2704   \thesis@blocks@seal

2705   \thesis@blocks@clear
2706   \pagestyle{plain}
2707   \setcounter{page}{1}
2708   \thesis@blocks@declaration
2709   \thesis@blocks@clear
2710   \thesis@blocks@abstract
2711   \thesis@blocks@keywords
2712   \thesis@blocks@clear
2713   \thesis@blocks@abstractEn
2714   \thesis@blocks@keywordsEn
2715   \thesis@blocks@thanks
2716   \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.

```
2717 \def\thesis@blocks@postamble{%
2718   \thesis@blocks@bibliography
2719   \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>.

```
2720 \NeedsTeXFormat{LaTeX2e}
2721 \ProvidesPackage{fithesis/style/mu/fithesis-mu-econ}[2021/04/24]
```

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.

```
2722 \thesis@color@setup{
2723   links={HTML}{F27995},
2724   tableEmph={HTML}{E8B88B},
2725   tableOdd={HTML}{F5ECEB},
2726   tableEven={HTML}{EBD8D5}}
```

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

```
2727 \thesis@bibliography@setup{
2728   style=iso-authoryear,
2729   sorting=nty}
2730 \thesis@bibliography@load
```

The file loads the following packages:

- tikz – Used for dimension arithmetic.
- geometry – Allows for modifications of the type area dimensions.
- array – Enables <{decl.} and >{decl.} declarations in table preambles.

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.

```
2731 \thesis@require{tikz}
2732 \thesis@require{geometry}
2733 \thesis@require{array}
2734 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2735 \thesis@blocks@assignment@hideIfDigital@false
```

```
2736 \thesis@blocks@titlePage@field@false
```

`\thesis@blocks@cover` The `\thesis@blocks@cover` macro typesets the cover page. Compared to the definition within the `style/mu/base.sty` file, this macro does not include the title of the thesis, and typesets the name of the author at the bottom of the page.

```
2737 \thesis@xpatch\thesis@blocks@cover{%
2738   \vfill
2739   {\bf\thesis@titlePage@Huge\thesis@TeXtitle\par}%
```

---

<sup>9</sup>See [https://is.muni.cz/auth/do/econ/uredni\\_deska/predpisy\\_ESF/smernice/smernice\\_dekana/94383996/](https://is.muni.cz/auth/do/econ/uredni_deska/predpisy_ESF/smernice/smernice_dekana/94383996/) and [https://is.muni.cz/auth/do/econ/uredni\\_deska/predpisy\\_ESF/smernice/smernice\\_dekana/104768134/](https://is.muni.cz/auth/do/econ/uredni_deska/predpisy_ESF/smernice/smernice_dekana/104768134/)

```

2740 \vspace{1.5cm}%
2741 {\sf\thesis@titlePage@Large\thesis@{@{typeName}}\par}%
2742 \vspace{1.5cm}%
2743 {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
2744 \vfill\vfill\vfill\vfill
2745 {\sf\thesis@titlePage@large\thesis@place, \thesis@{@{semester}}\par}%
2746 }{%
2747 \vfill
2748 {\bf\thesis@titlePage@Huge\thesis@{@{typeName}}\par}%
2749 \vfill
2750 {\sf\thesis@titlePage@large\thesis@place
2751 \ \sf\thesis@year\hfill\thesis@author\par}%
2752 }

```

`\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.

```

2753 \def\thesis@blocks@frontMatter{%
2754 \thesis@blocks@clear
2755 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2756 right=15mm, includeheadfoot}
2757 \pagestyle{empty}
2758 \parindent 1.5em
2759 \setcounter{page}{1}
2760 \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 matter as per the formal requirements.

```

2761 \def\thesis@blocks@mainMatter{%
2762 \thesis@blocks@clear
2763 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2764 right=15mm, includeheadfoot}
2765 \pagestyle{thesisheadings}
2766 \parindent 1.5em\relax}

```

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

```

2767 \def\thesis@blocks@tables{%
2768 \thesis@blocks@lot
2769 \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.

```

2770 \ifx\thesis@blocks@lot\relax\else
2771 \def\thesis@blocks@lot{%
2772 \thesis@blocks@clear

```

```

2773 \phantomsection
2774 \addcontentsline{toc}{chapter}{\listtablename}%
2775 \listoftables}
2776 \fi
2777
2778 \ifx\thesis@blocks@lof\relax\else
2779 \def\thesis@blocks@lof{%
2780 \thesis@blocks@clear
2781 \phantomsection
2782 \addcontentsline{toc}{chapter}{\listfigurename}%
2783 \listoffigures}
2784 \fi

```

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

```

2785 \def\thesis@blocks@declaration{%
2786 \begin{alwaysingle}%
2787 \thesis@blocks@clear
2788 \leavevmode\vfill
2789 % Start the new chapter without clearing any page.
2790 {\let\thesis@blocks@clear\relax
2791 \chapter*{\thesis@{declarationTitle}}}%
2792 \thesis@declaration
2793 \vskip 2cm%
2794 {\let\@A\relax\newlength{\@A}
2795 \settowidth{\@A}{\thesis@{authorSignature}}
2796 \setlength{\@A}{\@A+1cm}
2797 \noindent\thesis@place, \thesis@{formattedDate}\hfill
2798 \begin{minipage}[t]{\@A}%
2799 \centering\rule{\@A}{1pt}\\
2800 \thesis@{authorSignature}\par
2801 \end{minipage}}
2802 \end{alwaysingle}}

```

The `\thesis@blocks@abstract` macro typesets the abstract. This definition typesets the abstract on the same page.

`\thesis@blocks@keywords` The `\thesis@blocks@keywords` macro typesets the keywords. This definition typesets the keywords on the same page.

```

2803 \def\thesis@blocks@keywords{%
2804 \begin{alwaysingle}%
2805 \vskip 40\p@
2806 {\let\thesis@blocks@clear\relax
2807 \chapter*{\thesis@{keywordsTitle}}%
2808 \noindent\thesis@TeXkeywords}%
2809 \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.

```

2810 \def\thesis@blocks@keywordsEn{%
2811   \ifthesis@english\else
2812     {\thesis@selectLocale{english}%
2813     \begin{alwaysingle}%
2814       \vskip 20\p@
2815       {\let\thesis@blocks@clear\relax%
2816       \chapter*{\thesis@english@keywordsTitle}}%
2817       \noindent\thesis@TeXkeywordsEn
2818     \end{alwaysingle}}%
2819   \fi}

```

`\thesis@blocks@summary` The `\thesis@blocks@summary` macro typesets the summary for doctoral theses. If the thesis type is not doctoral, the macro produces no output.

```

2820 \thesis@def@extra[
2821   \thesis@placeholder@extra@summary
2822 ]]{summary}
2823
2824 \def\thesis@blocks@summary{%
2825   \begin{alwaysingle}%
2826     \thesis@blocks@clear
2827     {\let\thesis@blocks@clear\relax
2828     \chapter*{\thesis@{summaryTitle}}}%
2829     \noindent\thesis@extra@summary
2830   \end{alwaysingle}}

```

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.

```

2831 \def\thesis@blocks@preamble{%
2832   \thesis@blocks@coverMatter
2833   \thesis@blocks@cover
2834   \thesis@blocks@frontMatter
2835   \thesis@blocks@titlePage
2836   \thesis@blocks@seal
2837   \thesis@blocks@bibEntry
2838   \thesis@blocks@abstract
2839   \thesis@blocks@bibEntryEn
2840   \thesis@blocks@abstractEn
2841   \thesis@blocks@declaration
2842   \thesis@blocks@thanks
2843   \thesis@blocks@toc
2844   \thesis@blocks@tables}

```



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

```
2845 \def\thesis@blocks@postamble{%
2846   \ifx\thesis@doctoral\thesis@type\thesis@blocks@summary\else\fi
2847   \thesis@blocks@bibliography
2848 }
```

### 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 faculty <sup>10</sup>.

```
2849 \NeedsTeXFormat{LaTeX2e}
2850 \ProvidesPackage{fithesis/style/mu/fithesis-mu-med}[2021/07/18]
```

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.

```
2851 \thesis@color@setup{
2852   links={HTML}{F58E76},
2853   tableEmph={HTML}{FF9D85},
2854   tableOdd={HTML}{FFF5F6},
2855   tableEven={HTML}{FFDEDF}}
```

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

```
2856 \thesis@bibliography@setup{%
2857   style=authortitle,
2858   sorting=ynt}
2859 \thesis@bibliography@load
```

The AMA citation style is defined using `authortitle` as the basis. The following code has been adapted from <https://tex.stackexchange.com/a/233423/70941>.

```
2860 \ifthesis@bibliography@loaded@
2861   \DeclareNameAlias{sortname}{last-first}
2862   \renewcommand*{\revsdnamepunct}{}
2863   \DeclareFieldFormat[%
2864     article,inbook,incollection,inproceedings,patent,thesis,unpublished]%
2865     {title}{\#1\isdot}
2866   \renewbibmacro{in:}{}
2867   \DeclareFieldFormat{pages}{\#1}
2868   \renewcommand*{\bibpagespunct}{\addcolon}
2869   \DeclareFieldFormat{journaltitle}{\#1\addperiod}
```

---

<sup>10</sup>See [https://is.muni.cz/do/med/uredni\\_deska/pravni\\_normy/smernice\\_dekana/2020/smernice\\_lf\\_mu\\_2\\_2020\\_-\\_pokyny\\_k\\_formalnim\\_nalezitostem\\_zaverecnym\\_bakalarskym/Smernice\\_LF\\_MU\\_2-2020\\_-\\_Pokyny\\_k\\_formalnim\\_nalezitostem\\_zaverecnym\\_bakalarskym\\_a\\_diplomovych\\_praci\\_vypracovanych\\_na\\_Lekarske\\_fakulte\\_MU.pdf](https://is.muni.cz/do/med/uredni_deska/pravni_normy/smernice_dekana/2020/smernice_lf_mu_2_2020_-_pokyny_k_formalnim_nalezitostem_zaverecnym_bakalarskym/Smernice_LF_MU_2-2020_-_Pokyny_k_formalnim_nalezitostem_zaverecnym_bakalarskym_a_diplomovych_praci_vypracovanych_na_Lekarske_fakulte_MU.pdf)

```

2870 \DeclareFieldFormat{booktitle}{{#1}}
2871 \DeclareFieldFormat{title}{{#1}}
2872 \renewbibmacro*{journal+issuetitle}{%
2873   \usebibmacro{journal}%
2874   \setunit*{\addspace}%
2875   \iffieldundef{series}
2876   {}
2877   {\newunit
2878     \printfield{series}%
2879     \setunit{\addspace}}%
2880   \usebibmacro{issue+date}%
2881   \setunit{\addsemicolon\addspace}%
2882   \usebibmacro{volume+number+eid}%
2883   \setunit{\addcolon\space}%
2884   \usebibmacro{issue}%
2885   \newunit%
2886 }
2887 \renewbibmacro*{issue+date}{\printfield{year}}
2888 \renewcommand*{\finalnamedelim}{\multinamedelim}
2889 \fi

```

The file loads the following packages:

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

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

```

2890 \thesis@require{tikz}
2891 \thesis@require{geometry}
2892 \thesis@require{setspace}
2893 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

The style file configures the upper part of the title page headers to include the the name of the department and the study programme which are by default in the bottom part of the title page. Upon failure of the *xpatchcmd*, *\thesis@xpatchError* is called.

```

2894 \thesis@blocks@titlePage@field@false
2895
2896 \thesis@xpatch\thesis@blocks@titlePage{%
2897   {\sf\thesis@titlePage@large\thesis@{advisorTitle}: \thesis@advisor\par}%
2898   \vspace{0.75cm}%
2899   \ifthesis@blocks@titlePage@department@
2900     {\sf\thesis@titlePage@large\thesis@department@name\par}%
2901   \fi
2902   \ifthesis@blocks@titlePage@programme@
2903     \vspace{0.25cm}%

```

```

2904     {\sf\thesis@titlePage@large\thesis@{bib@programme}:
2905       \thesis@programme\par}%
2906   \fi
2907   \ifthesis@blocks@titlePage@field@
2908     \vspace{0.25cm}%
2909     {\sf\thesis@titlePage@large\thesis@{fieldTitle}:
2910       \thesis@field@name\par}%
2911   \fi
2912   \vfill
2913 }{}
2914
2915 \thesis@xpatch\thesis@blocks@titlePage{%
2916   {\sf\thesis@titlePage@large\thesis@{upper{facultyName}}\par}%
2917   \vfill
2918 }{%
2919   {\sf\thesis@titlePage@large\thesis@{upper{facultyName}}\par}%
2920   \vspace{0.5cm}%
2921   {\sf\thesis@titlePage@large\thesis@{programme}\par}%
2922   \vspace{0.25cm}%
2923   {\sf\thesis@titlePage@large\thesis@{department@name}\par}%
2924   \vspace{1cm}%
2925 }

```

`\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.

```

2926 \def\thesis@blocks@frontMatter{%
2927   \thesis@blocks@clear
2928   \newgeometry{top=25mm,bottom=20mm,left=35mm,
2929     right=15mm, includeheadfoot}
2930   \pagestyle{empty}
2931   \parindent 1.5em
2932   \setcounter{page}{1}
2933   \pagenumbering{arabic}}

```

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

```

2934 \def\thesis@blocks@mainMatter{%
2935   \thesis@blocks@clear
2936   \newgeometry{top=25mm,bottom=20mm,left=35mm,
2937     right=15mm, includeheadfoot}
2938   \pagestyle{thesisheadings}
2939   \parindent 1.5em
2940   \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.

```

2941 \def\thesis@blocks@preamble{%
2942   \thesis@blocks@coverMatter
2943   \thesis@blocks@cover
2944   \thesis@blocks@frontMatter
2945   \thesis@blocks@titlePage
2946   \thesis@blocks@seal

2947   \thesis@blocks@clear
2948   \pagestyle{plain}
2949   \setcounter{page}{1}
2950   \thesis@blocks@declaration
2951   \thesis@blocks@clear
2952   \thesis@blocks@abstract
2953   \thesis@blocks@keywords
2954   \thesis@blocks@clear
2955   \thesis@blocks@abstractEn
2956   \thesis@blocks@keywordsEn
2957   \thesis@blocks@thanks
2958   \thesis@blocks@tables}
2959 \def\thesis@blocks@postamble{%
2960   \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>.

```

2961 \NeedsTeXFormat{LaTeX2e}
2962 \ProvidesPackage{fithesis/style/mu/fithesis-mu-fsps}[2021/07/18]

```

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.

```

2963 \thesis@color@setup{
2964   links={HTML}{93BCF5},
2965   tableEmph={HTML}{A8BDE3},
2966   tableOdd={HTML}{EBEFF5},
2967   tableEven={HTML}{D1DAEB}}

```

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

---

<sup>11</sup>See [https://is.muni.cz/auth/do/fsps/fak\\_predpisy/smernice-dekana/2020-03\\_Smernice\\_pokyny\\_vypracovani\\_ZP\\_bc-mgr-rig.pdf](https://is.muni.cz/auth/do/fsps/fak_predpisy/smernice-dekana/2020-03_Smernice_pokyny_vypracovani_ZP_bc-mgr-rig.pdf)

```

2968 \thesis@bibliography@setup{
2969   style=iso-authoryear,
2970   sorting=nyt}
2971 \thesis@bibliography@load

```

The file loads the following packages:

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

In addition to this, the type area width is set to 14 cm in accordance with the formal requirements of the faculty.

```

2972 \thesis@require{tikz}
2973 \thesis@require{geometry}
2974 \thesis@require{setspace}
2975 \geometry{top=30mm,bottom=30mm,left=40mm,right=30mm,includeheadfoot}

```

The paragraph indentation is 1.25 cm as per the requirements of the faculty.

```

2976 \setlength{\parindent}{1.25cm}

```

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

```

2977 \def\thesis@blocks@frontMatter{%
2978   \thesis@blocks@clear
2979   \pagestyle{empty}
2980   \parindent 1.5em
2981   \setcounter{page}{1}
2982   \pagenumbering{arabic}
2983   \onehalfspacing}

```

`\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. The page numbering doesn't reset at the beginning of the main thesis in accordance with the formal requirements of the faculty.

```

2984 \def\thesis@blocks@mainMatter{%
2985   \thesis@blocks@clear
2986   \pagestyle{thesisheadings}
2987   \parindent 1.5em
2988   \onehalfspacing}

```

`\thesis@blocks@bibliography` The `\thesis@blocks@bibliography` macro typesets the bibliography. The leading is adjusted in accordance with the requirements of the faculty.

```

2989 \def\thesis@blocks@bibliography{%
2990   \ifthesis@bibliography@loaded@
2991     \ifthesis@bibliography@included@
2992       \singlespacing

```

```

2993 \thesis@blocks@clear
2994 {\emergencystretch=3em%
2995 \printbibliography[heading=bibintoc]}%
2996 \fi
2997 \fi}

```

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

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

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

```

2998 \def\thesis@blocks@declaration{%
2999 \thesis@blocks@clear
3000 \begin{alwaysssingle}%
3001 \chapter*{\thesis@{declarationTitle}}%
3002 \thesis@declaration
3003 \vskip 2cm%
3004 {\let\@A\relax\newlength{\@A}
3005 \settowidth{\@A}{\thesis@{authorSignature}}
3006 \setlength{\@A}{\@A+1cm}
3007 \noindent\thesis@place, \thesis@{formattedDate}\hfill
3008 \begin{minipage}[t]{\@A}%
3009 \centering\rule{\@A}{1pt}\\
3010 \thesis@{authorSignature}\par
3011 \end{minipage}}
3012 \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/fi`thesis-base.sty file.

```

3013 \def\thesis@blocks@preamble{%
3014 \thesis@blocks@coverMatter
3015 \thesis@blocks@cover
3016 \thesis@blocks@frontMatter
3017 \thesis@blocks@titlePage
3018 \thesis@blocks@seal
3019 \thesis@blocks@bibEntry
3020 \thesis@blocks@abstract
3021 \thesis@blocks@bibEntryEn
3022 \thesis@blocks@abstractEn
3023 \thesis@blocks@thanks

```

```

3024 \thesis@blocks@clear
3025 \pagestyle{plain}
3026 \thesis@blocks@tables}
3027 \def\thesis@blocks@postamble{%
3028 \thesis@blocks@bibliography}

```

### 3.5.12 The style files of the Faculty of Pharmacy

#### 3.5.12.1 The style/mu/fithesis-pharm.sty file

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

```

3029 \NeedsTeXFormat{LaTeX2e}
3030 \ProvidesPackage{fithesis/style/mu/fithesis-mu-pharm}[2018/06/11]

```

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.

```

3031 \thesis@color@setup{
3032 links={HTML}{A0B9C5},
3033 tableEmph={HTML}{B0C3CF},
3034 tableOdd={HTML}{EFF3F6},
3035 tableEven={HTML}{D6E1E6}}

```

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

```

3036 \thesis@bibliography@setup{
3037 style=iso-authoryear,
3038 sorting=nty}
3039 \thesis@bibliography@load

```

The file loads the following packages:

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

```

3040 \thesis@require{tikz}
3041 \thesis@require{geometry}
3042 \thesis@require{setspace}
3043 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
3044

```

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

```

3045 \thesis@blocks@assignment@hideIfDigital@false

```

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` macro sets up the style of the front matter of the thesis. The page numbering is roman in accordance with the formal requirements of the faculty.

```

3046 \def\thesis@blocks@frontMatter{%
3047 \thesis@blocks@clear
3048 \newgeometry{top=25mm, bottom=20mm, left=35mm, right=15mm, includeheadfoot}
3049 \pagestyle{empty}
3050 \parindent 1.5em
3051 \setcounter{page}{1}
3052 \pagenumbering{roman}}

```

`\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.

```

3053 \def\thesis@blocks@mainMatter{%
3054 \thesis@blocks@clear
3055 \newgeometry{top=25mm, bottom=20mm, left=35mm,
3056 right=15mm, includeheadfoot}
3057 \setcounter{page}{1}
3058 \pagenumbering{arabic}
3059 \pagestyle{thesisheadings}
3060 \parindent 1.5em
3061 \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 that are not defined within this file are defined in the `style/mu/fithesis-base.sty` file.

```

3062 \def\thesis@blocks@preamble{%
3063 \thesis@blocks@coverMatter
3064 \thesis@blocks@cover
3065 \thesis@blocks@frontMatter
3066 \thesis@blocks@titlePage
3067 \thesis@blocks@seal
3068 \thesis@blocks@bibEntry
3069 \thesis@blocks@abstract
3070 \thesis@blocks@bibEntryEn
3071 \thesis@blocks@abstractEn
3072 \thesis@blocks@assignment
3073 \thesis@blocks@declaration
3074 \thesis@blocks@thanks
3075 \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.

```

3076 \def\thesis@blocks@postamble{%
3077 \thesis@blocks@bibliography}

```



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## Change History

v0.0

General: bachelor project of Daniel  
Marek under supervision of  
Petr Sojka ..... 1

v0.0a

General: changes by Jan Pavlovič to  
allow fithesis being backend of  
docbook based system for



thesis writing	1	\MainMatter should be placed after \tablesofcontents [PS]	1
v0.1			
General: new release, documentation editing (CZ only, sorry) [PS]	1	v0.2.08	
		General: add change of University name [JP]	1
v0.1a		v0.2.09	
General: minor documentation changes (CZ only, sorry) [PS]	1	General: add EN version of University name [JP]	1
v0.1b		v0.2.10	
General: change of default size (11pt→12pt) [JP]	1	General: fix EN name of Acknowledgement [JP]	1
v0.1c		v0.2.11	
General: default values of \facultyname and \@thesissubtitle set for backward compatibility) [PS]	1	General: fix missing fi-logo.mf [JP,PS]	1
v0.1d		v0.2.12	
General: removed def schapter from fit1*.clo [JP]	1	General: Licence change to the LPPL [JP]	1
v0.1e		v0.2.12a	
General: add Brno to MU title [JP]	1	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. <a href="http://github.com/liskin/fithesis">http://github.com/liskin/ fithesis</a>	1
v0.1f		v0.3.00	
General: add documentation for hyperref [JP]	1	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
v0.1g		v0.3.01	
General: change of default size (12pt→11pt) [JP]	1	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN]	1
v0.2.00		v0.3.02	
General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP]	1	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN]	1
v0.2.01		v0.3.03	
General: add subsubsection to toc [JP]	1	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles.	
v0.2.02			
General: fix encoding bug [JP]	1		
v0.2.03			
General: fix title spacing [PS, JP]	1		
v0.2.04			
General: fix SK declaration [Peter Cerensky, JP]	1		
v0.2.05			
General: add English abstract [JP]	1		
v0.2.06			
General: fix : behind Advisor [JP]	1		
v0.2.07			
General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP]			



	Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] . . . . .	1
v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN] . . . . .	1
v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodeLineIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) . . . . .	1
v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN] . . . . .	1
v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN] . . . . .	1
v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18)	
	Fixed mostly documentation errors	
	reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17) . . . . .	1
v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] .	1
v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packaged listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN] . . . . .	1
v0.3.11	General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths. Accounted for French spacing in the guide. Fixed the thesis@english@facultyName string. Documentation refinements. [VN] . . . . .	1
v0.3.12	General: The subsections and subsubsections now use the correct tocdepth. [VN] . . . . .	1
v0.3.13	General: Fixed an inconsistency in the example code. Removed an	

extraneous \thesis@blocks@clear block withing the definition of \thesis@blocks@frontMatter in the fss style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the \ifthesis@blocks@assignment conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN] . . . . . 1	lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] . . . . . 1
v0.3.14 General: Updated the documentation. [VN] . . . . . 1	v0.3.16 General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN] . . . . . 1
v0.3.15 General: Renamed \thesis@requireStyle to \thesis@requireWithOptions and moved the style loader from the \thesis@load routine to a new \thesis@requireStyle macro to make the semantics of \thesis@requireLocale and \thesis@requireStyle more similar. Changed the basepath, logopath, localepath and stylepath keys to match the	v0.3.17 General: Changed a forgotten \thesis@@lower{...} invocation in the definition of \thesis@czech@declaration for the Faculty of Arts into \thesis@@lower{czech...}, so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] . . 1
	v0.3.18 General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output fithesis3.ctan.zip archive. Updated the license notice. Added a README file. Canonicalized a url within the user guides. Renamed the root directory from fithesis3/ to fithesis/. Refactored the makefiles. Added developer example files. Renamed docstrip.cfg to LICENSE.tex to better describe its role. The fithesis.dtx file now generates a VERSION.tex file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN] . . . . . 1

v0.3.19	<p>General: Updated the license.</p> <p>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><code>\thesis@backend</code> tunable. The hyphenation pattern switching now uses <code>polyglossia</code> instead of crude <code>\language</code> switching whenever possible. Added the opt-out microtype class option, which loads the microtypographic extension. The <code>\thesis@locale@summer</code> and <code>@winter</code> locale macros were renamed to <code>@spring</code> and <code>@fall</code>. The <code>\thesis@parseDate</code> now uses more realistic month ranges to set <code>\thesis@season</code> and <code>\thesis@academicYear</code>. Removed the extraneous indent in the <code>\thesis@blocks@declaration</code> macro definition within the <code>style/mu/fithesis-fi.sty</code> style file. <code>\paragraphs</code> are not included in the table of contents by default. The table class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the <code>style/mu/fithesis-econ.sty</code> style file. [VN] ..... 1</p>
v0.3.20	<p>General: Removed an extraneous <code>\hypersetup</code> option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] ..... 1</p>	v0.3.25
v0.3.21	<p>General: Fixed an invalid font name. [VN] ..... 1</p>	<p>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</p>
v0.3.22	<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>	v0.3.26
v0.3.23	<p>General: Fixed a typo in the Slovak locale. [VN] ..... 1</p>	<p>General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code>. [VN] ..... 1</p>
v0.3.24	<p>General: Added the</p>	v0.3.27:1
		<p>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</p>
		v0.3.27:2
		<p>General: <code>\thesis@selectLocale</code> is</p>

no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@locale). Instead, \thesis@preamble and @postamble now locally switch the locale and expand \thesis@blocks@preamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files.	argument and the \thesis@requireWithOption command has become \thesis@requireIfExists.
[VN] . . . . .	1
v0.3.27:3	v0.3.28:2
General: As a preparation for the future inclusion of bibliography support, the csquotes package is loaded, @csquotesStyle is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style.	General: If the thesis locale and the document locale is the same (the default behaviour), the \thesis@selectLocale macro is applied globally at the beginning of the document. As a result, the csquotes style is automatically set for the entire document. [VN] . . . . .
[VN] . . . . .	1
v0.3.27:4	v0.3.29:1
General:	General: The initial pages of the styles of the Masaryk University in Brno are no longer page-numbered, so that hyperref links work correctly.
\thesis@english@declaration now uses the correct idiom (by one's own → on one's own).	[VN] . . . . .
[VN] . . . . .	1
v0.3.27:5	v0.3.29:2
General: The PDF bookmarks are no longer garbled, when the LuaTeX engine is used. [VN] . . .	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] . . . . .
[VN] . . . . .	1
v0.3.28:1	v0.3.29:3
General: The draft option has no longer an effect on the microtype package. The \thesis@require command now also takes an optional	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
	v0.3.30
	General: The \thesis@seasonYear macro has been added, which, unlike \thesis@year takes into account the fact that January and February of the year $n$ still belong to the fall semester of the year $n - 1$ . [VN] . . . . .
	1
	v0.3.31:1
	General: The redefinitions of

<p>\appendix from the style/mu/fithesis-1*.clo files, which broke hyperref links to appendices, were removed. [VN] . . . . . 1</p>	
<p>v0.3.31:2 General: All trailing %s were removed. Some of the inherited fithesis2 code in the style/mu/fithesis-1*.clo and style/mu/fithesis-base.sty files was refactored and reformatted. Alternative templates for the Faculty of Science at the Masaryk University in Brno are now mentioned in the respective user guide. [VN] . . . . . 1</p>	<p>v0.3.35:1 General: Added support for the Division of Information and Library Studies of the Faculty of Arts at the Masaryk University in Brno. This support is enabled by specifying \thesis@department to be kisk. [VN] . . . . . 1</p>
<p>v0.3.31:3 General: The style/mu/fithesis-sci.sty style file redefines \thesis@blocks@declaration to include a formatted date and an author's signature field. The locale file style/mu/sci/czech.def contains a new string \thesis@czech@formattedDate. [VN] . . . . . 1</p>	<p>v0.3.35:2 General: Added support for seminar papers on the fithesis3 class level. The style files for the faculties of the Masaryk University in Brno do not provide any special handling of this thesis type yet. [VN] . . . . . 1</p>
<p>v0.3.32 General: Fixed a regression from v0.3.27:2 – The margins in \thesis@blocks@mainMatter were corrected in the style files of the Faculty of Economics and Administration and the Faculty of Medicine at the Masaryk University in Brno. [VN] . . . . . 1</p>	<p>v0.3.35:3 General: Fixed \l@locale being possibly undefined in a LuaLaTeX run. [VN] . . . . . 1</p>
<p>v0.3.33 General: Added \thesis@patch. [VN] . . . . . 1</p>	<p>v0.3.36 General: The \thesis@load macro has been lifted to the public API as \thesisload. [VN] . . . . . 1</p>
<p>v0.3.34 General: Added visual tests of output PDFs. The test/ directory is now also uses the <i>university/faculty</i> path scheme employed by the rest of the package. [VN] . . . . . 1</p>	<p>v0.3.37 General: The \tableofcontents in the style files of the Masaryk University in Brno now correctly handles all tocdepth values. The expansion of \part also no longer results in a hyperref-related error in the style files of the Masaryk University in Brno. [VN] . . . . . 1</p>
	<p>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</p>
	<p>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</p>

being typeset in Czech only by the style file of the Faculty of Science at 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. [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			
v0.3.39:2				
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. 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	v0.3.44	General: Added an additional hyphenation hint to the example document. [VN] . . . . .	1
			Fixed the color in the logo of FI MU. [VN] . . . . .	1
			Fixed wrong / missing non-breaking spaces in Czech / Slovak localization. [VN] . . . . .	1
			The captions in the examples for MU are now above tables. [VN] . . . . .	1
			The style file for FSpS, MU now complies with updated requirements. [VN] . . . . .	1
v0.3.41			The style file for FSpS, MU now includes place, date, and signature field next to the declaration. [VN] . . . . .	1
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		The style file for FSpS, MU now uses 1.5 spacing outside bibliography. [VN] . . . . .	1
v0.3.42			The style file for FSpS, MU now uses a 14 cm wide type area. [VN] . . . . .	1
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		The style file for FSpS, MU now uses different declaration text. [VN] . . . . .	1
			The style file for FSpS, MU now uses different title page layout. [VN] . . . . .	1
		v0.3.45	\thesis@pages@preamble: Defined	

the \thesis@pages@preamble and \thesis@pages@postamble macros. The patch was submitted by Juraj Pálenik. [VN] .....	18	Redefined the \thesis@blocks@thanks and \thesis@blocks@declaration macros in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] .....	85
\thesisload: Updated the \ifthesis@english macro, so that it no longer dynamically reacts to changes of the locale. Instead, it is now based on the main locale during the expansion of \thesisload. ...	22	v0.3.46	
\thesissetup: Added the extra key to \thesissetup and defined the helper \thesis@def@extra macro. [VN] .....	19	\thesis@blocks@abstractEn: Simplified the definition of \thesis@blocks@abstractEn in style/mu/fithesis-base.sty. [VN] .....	66
General: Added Slovak localization for the style/mu/fithesis-sci.sty style file. The localization was submitted by Juraj Pálenik. [VN] .....	51	\thesis@blocks@declaration: Redefined \thesis@blocks@declaration in style/mu/fithesis-econ.sty in accordance with the example documents. The patch was submitted by Jana Ratajská. [VN] .....	95
Bibliographical entries in style/mu/fithesis-sci.sty now face each other when the main locale is either Czech or English. [VN] .....	85	\thesis@blocks@keywordsEn: Simplified the definition of \thesis@blocks@keywordsEn in style/mu/fithesis-base.sty. [VN] .....	67
Defined the \ifthesis@czech macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] .....	85	General: Lifted the authorSignature and formattedDate strings to the global locale file interface. [VN] .....	28
Defined the \thesis@blocks@abstractCs macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] .....	85	Lifted the bib@author, bib@thesisTitle, and bib@advisor strings from locale/mu/sci/*.def to locale/mu/*.def, so that they can be shared with locale/mu/econ/*.def. [VN] .....	31, 38, 46
Defined the \thesis@blocks@bibEntryCs macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] .....	85	Redefined \thesis@blocks@abstract, \thesis@blocks@abstractEn, \thesis@blocks@keywords, and \thesis@blocks@keywordsEn in style/mu/fithesis-econ.sty in accordance with the example documents. The patch was submitted by Jana Ratajská. [VN] .....	95
Defined the abstractonsinglepage option in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] .....	85		

The documentation now points to the 2/2017 dean's directive for the Faculty of Economics and Administration, Masaryk University, Brno. [VN] . . . . .	93	Fixed casing in the definition of the declaration string for the Masaryk University in Brno. [VN] . . . . .	46
Updated the \abstractTitle string in locale/mu/econ/*.def in accordance with the 2/2017 dean's directive. The patch was submitted by Jana Ratajská. [VN] . . . . .	33, 40, 48	Removed an extraneous \vskip in the style files for the Masaryk University in Brno. [VN] . . . . .	93, 98, 101
v0.3.47		v0.3.50	
General: Added an \ifthesis@blocks@assignment@hideIfDigital test to the definition of the assignment string for the Masaryk University in Brno. [VN] . . . . .	31, 38, 46	\thesisload: Make writes immediate, so that they do not get lost when they occur at an empty page. [VN] . . . . .	23
Enabled the inclusion of the scanned assignment inside the digital version of the document in style/mu/fithesis-econ.sty in accordance with the formal requirements of the faculty. The patch was submitted by Jana Ratajská. [VN] . . . . .	93	\thesissetup: Make writes immediate, so that they do not get lost when they occur at an empty page. [VN] . . . . .	19
Moved the \ifthesis@digital tests from locale/*.def to locale/mu/*.def, since \ifthesis@digital is undefined in fithesis3.cls. [VN] . . . . .	29, 31, 35, 38, 44, 46	v0.3.51	
Updated the declaration string in locale/mu/econ/*.def in accordance with the 2/2017 dean's directive. [VN] . . . . .	40, 48	\thesis@bibliography@setup: General: . . . . .	58, 60
v0.3.48		v1.0.0	
General: Changed \thesis@english@thanksTitle to plural. [VN] . . . . .	30	\thesis@blocks@abstract: Changed clearpage to vskip so it is by default on the same page when the template contains bibEntry. [TV] . . . . .	66
v0.3.49		\thesis@blocks@abstractEn: Changed clearpage to vskip so it is by default on the same page when the template contains bibEntry. [TV] . . . . .	66
General: \emph uses the italic type face rather than the slanted type face. [VN] . . . . .	52	\thesis@blocks@advisorSignature: . . . . .	63
		\thesis@blocks@bibEntry: The \thesis@blocks@bibEntry command was expanded to more closely resemble Faculty of Science's bibEntry. The \thesis@blocks@bibEntryEn was added. [TV] . . . . .	69
		\thesis@blocks@cover: . . . . .	63
		Removed the header conditionals as the covers are unified for all faculties and shouldn't need to be modified. [TV] . . . . .	63



\thesis@blocks@facultyLogo@color:	90
62	97
\thesis@blocks@facultyLogo@monochrome:	56
62	85
\thesis@blocks@keywords:	55, 60,
Redefined keywords,	61
keywordsEn macros so they by	87,
default start on the same page	88
as the the previous element and	87
are in the lower part of the	83
page. [TV] . . . . .	66 55
\thesis@blocks@logo:	85
62	93
\thesis@blocks@seal:	93
65	88
\thesis@blocks@summary: Macro	91
for the summary was added.	98
[TV] . . . . .	96 101
\thesis@blocks@titlePage: 64	87
64	98
64	Added \thesis@xpatch
64	command. [TV] . . . . .
65	4
64	Added conditional redefinition
	for the study field. [TV] . . . . .
	98
	Added conditional redefinition
	for the study programme.
\thesis@blocks@universityLogo@color:	[TV] . . . . .
63	91
\thesis@blocks@universityLogo@monochrome:	Added conditional to add
62	summary for doctoral theses.
	[TV] . . . . .
\thesis@facultyLogo:	87
11	Added conditional to include
	summary in doctoral theses.
\thesis@requireStyle: Files were	[TV] . . . . .
renamed after breaking	97
changes in package loading	Added redefinition of
after PR 438 in L <sup>A</sup> T <sub>E</sub> X 2 <sub>ε</sub> . [VN] .	conditionals to exclude the
24	study field and the study
\thesis@style: Files were renamed	programme from the title page.
after breaking changes in	[TV] . . . . .
package loading after PR 438 in	84
L <sup>A</sup> T <sub>E</sub> X 2 <sub>ε</sub> . [VN] . . . . .	Added redefinition of the
12	conditional to exclude the study
\thesis@universityLogo:	field from the title page.
11	[TV] . . . . .
\thesis@xpatch: Added	89, 93
\thesis@xpatch command.	Added redefinition of the
[TV] . . . . .	conditionals to exclude the
27	study programme and the
\thesisload: Only load babel in	study field from the title page.
Lua <sub>T</sub> <sub>E</sub> X if polyglossia has not	[TV] . . . . .
been loaded yet. . . . .	85
22	Added redefinition of the
General:	titlePage layout as per the
84, 85, 87, 88, 90, 92, 96, 100, 102	faculty requirements.
88	

Department name and field are in the upper part of the titlePage. [TV] . . . . .	91	Macros for abstract and abstractEn were moved to base.dtx. [TV] . . . . .	95
Added redefinition of the titlePage layout as per the faculty requirements. Department name and programme are in the upper part of the titlePage. [TV] . . . .	98	Redefine all predefined page styles of the backend class, so that they can't be accidentally activated. [VN] . . . . .	72
Added required package tikz for bibEntry. [TV] . . . . .	55	Reorganised the blocks to fit the faculty's requirements. [TV] . . .	84, 85, 87, 88, 90, 92, 96, 100, 102
Added title for summary. [TV] . . . . .	30, 36, 44	Styles for list of figures and list of tables were redefined to achieve unified look with toc. [TV] . . .	74
Files were renamed after breaking changes in package loading after PR 438 in L <sup>A</sup> T <sub>E</sub> X 2 <sub>ε</sub> . [VN] . . . . .	52, 71, 74–76, 83, 84, 86, 88–90, 92, 97, 100	Updated urls to show the most recent requirements and recommendations used in preparation of the template. [TV] . . .	83, 84, 86, 88–90, 93, 97, 100
Lifted the advisorSignature string to the global locale file interface. [VN] . . .	28, 30, 33, 36, 40, 44, 49, 83	v1.0.1	
Lifted the bib@programme, bib@academicYear, and bib@pages strings from locale/mu/sci/*.def to locale/mu/*.def, so that they can be shared with other faculties. [TV] . . . . .	31, 38, 46	\thesis@blocks@frontMatter: 91	85
		\thesis@blocks@mainMatter: 99	101
		General:	92
			100
			86
			103