

# 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  $X_{\text{E}}\text{TeX}$  engine.
- `ifluatex` – Used to detect the  $\text{Lua}\text{TeX}$  engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the  $X_{\text{E}}\text{TeX}$  and  $\text{Lua}\text{TeX}$  engines.
- `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 ex-

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

```

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

```

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

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

The thesis type	The value of <i>type</i>
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 and locale files, the \thesis@sempaper, \thesis@bachelors, \thesis@masters,
\thesis@bachelors \thesis@proposal, \thesis@doctoral and \thesis@rigorous macros containing
\thesis@masters the corresponding type values are available as a part of the private API.
\thesis@proposal 102 \def\thesis@sempaper{sem}
\thesis@doctoral 103 \def\thesis@bachelors{bc}
\thesis@rigorous 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 `{\langle university=identifier\rangle}` 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 `{(department=name)}` 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 `{(departmentEn=name)}` pair sets the English name of the department, at which the thesis is being written, to *name*. The *name* is stored within the `\thesis@departmentEn` macro.

```

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

```

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

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

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

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

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

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

```

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

the `\thesis@parseDate` macro within the following macros:

```

\thesis@date
\thesis@year
\thesis@month
\thesis@day

```

- `\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`
- `\thesis@season` – Expands to either:
    - spring if  $2 < \text{MM} < 9$ ,
    - fall if  $\text{MM} \leq 2$  or  $\text{MM} \geq 9$ .
- `\thesis@seasonYear`
- `\thesis@seasonYear` – The year of the given semester:
    - YYYY – 1 if  $\text{MM} \leq 2$ .
    - YYYY if  $\text{MM} > 2$
- `\thesis@academicYear`
- `\thesis@academicYear` – The academic year of the given semester:
    - YYYY – 1/YYYY if  $\text{MM} < 9$ .
    - YYYY/YYYY + 1 if  $\text{MM} \geq 9$

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

```

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 `\thesis@title` macro. The standard  $\LaTeX$  `\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  $\LaTeX$  `\maketitle` macro is defined, but disabled.

```

227 \let\maketitle\relax

```

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

The `{\TeXtitle=title}` pair sets the  $\TeX$  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@autotrue
264 \define@key{thesis}{autoLayout}[true]{%
265   \def\@true{true}%
266   \def\@arg{#1}%
267   \ifx\@true\@arg
268     \thesis@autotrue
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  $\TeX$  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  $\TeX$  compilation, the macro expands to ??.

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

`\thesis@preamble` The `\thesis@preamble` and `\thesis@postamble` macros temporarily switch to the `\thesis@postamble` hyphenation patterns and the `csquotes` style of the main locale and typeset the 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  $\TeX$  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` sets up the style of the main matter by expanding the `\thesis@blocks@mainMatter` macro.

`\thesis@blocks@mainMatter`

```
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={\keyvals}}` 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@stkey#1=#2=#3\@nil{%
299     \XKV@gstkeyname#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@stkey@{##3}\else
312           \ifXKV@pl
313             \XKV@for@eo\XKV@fams\XKV@tfam{%
314               \XKV@makehd\XKV@tfam
315               \XKV@stkey@{##3}%
316             }%
317           \else
318             \XKV@whilst\XKV@fams\XKV@tfam\ifXKV@knf\fi{%
319               \XKV@makehd\XKV@tfam
320               \XKV@stkey@{##3}%
321             }%
322           \fi
323         \ifXKV@knf
324           \ifXKV@inpx
325             \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@inpox\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 `\ifthesis@loaded` macro ensures that the expansion is only performed once. For backwards compatibility, the `\thesis@load` macro can be used to the same effect.

```

392 \newif\ifthesis@loaded\thesis@loadedfalse
393 \BeforeBeginEnvironment{document}{\thesisload}
394 \def\thesis@load{\thesisload}
395 \def\thesisload{%
396   \ifthesis@loaded\else
397     \thesis@loadedtrue
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}{}{
405     \ltx@ifpackageloaded{polyglossia}{}{
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\languagename\empty\else
419     \begingroup
420     \edef\@doclocale{\languagename}%
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 `2024/03/06 v1.1.1 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 lowercasing 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 contain 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 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  $\TeX$  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 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}

```

```

592 \gdef\thesis@english@abstractTitle{Abstract}
593 \gdef\thesis@english@keywordsTitle{Keywords}

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

```

### 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` 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~uvvedl\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@digitale
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~vyžitím
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-správna 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~správnymi 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 `dtxtut`, `docstrip`, `doc` and `ltxdoc` manuals.

### 3.5.1 Interface

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

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

### 3.5.2 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         \emminershape \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}[2024/03/06]
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 \@twosidetrue \@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` – Overful 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.

```

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

```

- `neuehaas`, `noneuehaas` – The sans serif text font family is going to be either set to Neue Haas (TeX Gyre Heros) or left untouched, respectively. The `\ifthesis@neuehaas@` conditional is set to either true or false, respectively. The Neue Haas font is a sans serif font chosen to represent the Masaryk University in Brno as per its Graphic manual.

```

1361     \newif\ifthesis@neuehaas@
1362     \DeclareOption{neuehaas}{\thesis@neuehaas@true}
1363     \DeclareOption{noneuehaas}{\thesis@neuehaas@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.

```

1364     \newif\ifthesis@color@
1365     \DeclareOption{monochrome}{\thesis@color@false}
1366     \DeclareOption{color}{\thesis@color@true}

```

- `colorbold`, `nocolorbold` – The bold text either is or isn't colored (black is used instead). The `\ifthesis@colorbold@` conditional is set to either true or false, respectively.

```

1367     \newif\ifthesis@colorbold@
1368     \DeclareOption{colorbold}{\thesis@colorbold@true}
1369     \DeclareOption{nocolorbold}{\thesis@colorbold@false}

```

- `microtype`, `nomicrotype` – The microtypographic extension of modern TeX engines – such as pdfTeX, XeTeX, or LuaTeX – is or isn't going to be enabled, respectively. The `\ifthesis@microtype@` conditional is set to either true or

false, respectively.

```
1370 \newif\ifthesis@microtype@
1371 \DeclareOption{microtype}{\thesis@microtype@true}
1372 \DeclareOption{nomicrotype}{\thesis@microtype@false}
```

• `sansbold, nosansbold` – The `\bfseries` command for switching to the bold typeface is or isn't going to use the sans-serif type face, respectively. The `\ifthesis@sansbold@` conditional is set to either true or false, respectively.

```
1373 \newif\ifthesis@sansbold@
1374 \DeclareOption{sansbold}{\thesis@sansbold@true}
1375 \DeclareOption{nosansbold}{\thesis@sansbold@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.

```
1376 \newif\ifthesis@newtable@
1377 \DeclareOption{table}{\thesis@newtable@true}
1378 \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.

• `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.

```
1379 \DeclareOption{nolot}{\let\thesis@blocks@lot\relax}
1380 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
```

• `lof, nolof` – 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.

```
1381 \DeclareOption{nolof}{\let\thesis@blocks@lof\relax}
1382 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
```

• `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.

```
1383 \newif\ifthesis@cover@
1384 \DeclareOption{nocover}{\thesis@cover@false}
1385 \DeclareOption{cover}{\thesis@cover@true}
```

- `digital, printed` – These macrooptions set the options that are appropriate for either the printed or for the digital version of the document, respectively. The `\ifthesis@digital@` conditional is set to true or false, respectively.

```

1386 \newif\ifthesis@digital@
1387 \DeclareOption{digital}{%
1388   \ExecuteOptions{color,cover,colorbold}%
1389   \thesis@digital@true}
1390 \DeclareOption{printed}{%
1391   \ExecuteOptions{monochrome,nocover,nocolorbold}%
1392   \thesis@digital@false}

```

These are the default options:

```

1393 \ExecuteOptions{%
1394   printed,12pt,twoside,final,microtype,sansbold,palatino,neuehaas,oldtable,lot,lof}
1395 \ProcessOptions*

```

The file uses English locale strings within the macros.

```
1396 \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 Xe<sub>La</sub>TeX engine.
- `ifluatex` – Used to detect the Lua<sub>La</sub>TeX 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.

```

1397 \thesis@require{xcolor}
1398 \RequirePackage[labelfont=bf]{caption}
1399 \thesis@require{graphicx}
1400 \thesis@require{pdfpages}
1401 \thesis@require{keyval}
1402 \thesis@require{ifxetex}
1403 \thesis@require{ifluatex}
1404 \thesis@require{tabularx}

```

```

1405 \thesis@require{tabu}
1406 \thesis@require{booktabs}
1407 \thesis@require{tikz}

```

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

```

1408 \ifthesis@microtype@
1409 \thesis@require[final,babel,nopatch=item]{microtype}
1410 \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  $X_{\text{E}}\text{T}_{\text{E}}\text{X}$  or the  $\text{L}\text{u}\text{a}\text{T}_{\text{E}}\text{X}$  engine is being used.

```

1411 {\let\x\expandafter
1412 \x\global\x\let\x\ifthesis@xeluatex\csname if%
1413 \ifxetex true\else
1414 \ifluatex\x\x\t\x\r\x\u\x\ e%
1415 \else f\x\a\x\l\x\s\x\ e%
1416 \fi
1417 \fi\endcsname}

```

The following packages get only loaded, when the document is being typeset using the  $X_{\text{E}}\text{T}_{\text{E}}\text{X}$  or  $\text{L}\text{u}\text{a}\text{T}_{\text{E}}\text{X}$  engine:

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

Under  $X_{\text{E}}\text{T}_{\text{E}}\text{X}$  or  $\text{L}\text{u}\text{a}\text{T}_{\text{E}}\text{X}$ , the  $\text{T}_{\text{E}}\text{X}$  Gyre Pagella and  $\text{T}_{\text{E}}\text{X}$  Gyre Pagella Math fonts are also selected as the main text and math fonts and the  $\text{T}_{\text{E}}\text{X}$  Gyre Heros font is selected as the main sans serif font.

```

1418 \ifthesis@xeluatex
1419 \ifthesis@palatino@
1420 \thesis@require{fontspec}
1421 \thesis@require{unicode-math}
1422 \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
1423 \setmathfont[math-style=ISO,bold-style=ISO]{texgyrepagella-math.otf}
1424 \fi
1425 \ifthesis@neuehaas@
1426 \thesis@require{fontspec}
1427 \setsansfont[Ligatures=TeX,Scale=MatchLowercase]{TeX Gyre Heros}
1428 \fi

```

The following packages get only loaded, when the document is not being typeset using the  $X_{\text{E}}\text{T}_{\text{E}}\text{X}$  or  $\text{L}\text{u}\text{a}\text{T}_{\text{E}}\text{X}$  engine, the `\ifthesis@palatino@` conditional is true, and the `\ifthesis@neuehaas@` 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  $\text{T}_{\text{E}}\text{X}$  Gyre Pagella.
- `tgheros` – Changes the default sans-serif font face to  $\text{T}_{\text{E}}\text{X}$  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.

```

1429 \else
1430   \ifthesis@palatino@
1431     \RequirePackage[resetfonts]{cmap}
1432     \thesis@require{lmodern}
1433     \thesis@require{mathpazo}
1434     \thesis@require{tgpagella}
1435     \RequirePackage[T1]{fontenc}
1436   \fi
1437   \ifthesis@neuehaas@
1438     \thesis@require[scale=0.863]{tgheros}
1439     \RequirePackage[T1]{fontenc}
1440   \fi
1441 \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.

```

1442 \let\thesis@newtable@old\tabular
1443 \let\endthesis@newtable@old\endtabular
1444 \ifthesis@newtable@
1445   % Adjust the measurements.
1446   \setlength{\aboverulesep}{0pt}
1447   \setlength{\belowrulesep}{0pt}
1448   \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.

```

\thesis@newtable@old   The \thesis@newtable@old and \endthesis@newtable@old macros contain-
\endthesis@newtable@old ing the original definition of the tabular environment are always defined and are
                        available for subsequently loaded styles in case the typesetting of unaltered tables is
                        required. Similarly, the \thesis@newtable@oldx and \endthesis@newtable@oldx
\thesis@newtable@oldx macros are defined for the tabularx environment and the \thesis@newtable@oldtabu
\endthesis@newtable@oldx and \endthesis@newtable@oldtabu for the tabu environment.
\thesis@newtable@oldtabu
\endthesis@newtable@oldtabu
1449 \ifthesis@color@
1450   % The redefinition of ‘tabular’
1451   \renewenvironment{tabular}%
1452     {\rowcolors{1}{thesis@color@tableOdd}%
1453      {thesis@color@tableEven}%
1454      \thesis@newtable@old}%
1455     {\endthesis@newtable@old}
1456   % The redefinition of ‘tabularx’
1457   \let\thesis@newtable@oldx\tabularx
1458   \let\endthesis@newtable@oldx\endtabularx
1459   \renewenvironment{tabularx}%
1460     {\rowcolors{1}{thesis@color@tableEven}%
1461      {thesis@color@tableOdd}%
1462      \thesis@newtable@oldx}%
1463     {\endthesis@newtable@oldx}
1464   % The redefinition of ‘tabu’
1465   \let\thesis@newtable@oldtabu\tabu
1466   \let\endthesis@newtable@oldtabu\endtabu
1467   \renewenvironment{tabu}%

```

```

1468     {\rowcolors{1}{thesis@color@tableEven}%
1469             {thesis@color@tableOdd}%
1470     \thesis@newtable@oldtabu}%
1471     {\endthesis@newtable@oldtabu}
1472 \fi
1473 \fi

```

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

```

1474 \newif\ifthesis@bibliography@
1475 \thesis@bibliography@false
1476 \ifx\thesis@bibFiles\undefined\else
1477   {\edef\@bibList{\thesis@bibFiles}%
1478   \ifx\@bibList\empty\else
1479     \global\thesis@bibliography@true
1480   \fi}
1481 \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.

```

1482 \def\thesis@bibliography@setup#1{%
1483   \setkeys{thesis@bibliography}{#1}}

```

The following key-value pairs are supported:

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

```

1484 \define@key{thesis@bibliography}{style}{%
1485   \ifx\thesis@bibliography@style\undefined
1486     \def\thesis@bibliography@style{#1}%
1487   \fi}
1488 \define@key{thesis@bibliography}{sorting}{%
1489   \ifx\thesis@bibliography@sorting\undefined
1490     \def\thesis@bibliography@sorting{#1}%
1491   \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.

```

1492 \thesis@def@extra[]{bibliography}
1493 \ifx\thesis@extra@bibliography
1494   \thesis@placeholder@extra@bibliography\else
1495   \expandafter\thesis@bibliography@setup\expandafter{%
1496     \thesis@extra@bibliography}%
1497 \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.

```

1498 \newif\ifthesis@bibliography@loaded@
1499 \thesis@bibliography@loaded@false
1500 \newif\ifthesis@bibliography@included@
1501 \thesis@bibliography@included@false
1502 \def\thesis@bibliography@load{%
1503   \ifthesis@bibliography@
1504     \ifthesis@bibliography@loaded@else
1505       \thesis@bibliography@loaded@true
1506       % Load csquotes and BibLaTeX.
1507       \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`.

```

1508   \thesis@bibliography@setup{
1509     style = iso-numeric,
1510     sorting = none}
1511   % FIXME: This is a hotfix for biblatex.
1512   % It should be removed after v3.17 has been released.
1513   % See https://tex.stackexchange.com/a/581469/70941.
1514   \thesis@require{expl3}
1515   \thesis@require[
1516     backend=biber,
1517     style=\thesis@bibliography@style,
1518     sorting=\thesis@bibliography@sorting,
1519     autolang=other,
1520     sortlocale=auto]{biblatex}
1521   % Load the bibliography databases.
1522   {\edef\@bibList{\thesis@bibFiles}%
1523   \def\@inject##1,{%
1524     \def\@args{##1}\def\@relax{\relax}%
1525     \ifx\@args\@relax\else
1526       % Trim leading spaces.
1527       \edef\@trimmed{\romannumeral-'\.##1}%
1528       \addbibresource\@trimmed
1529       \expandafter\@inject\fi}%
1530   \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` macro.

```

1531   \let\thesis@printbibliography@old\printbibliography
1532   \def\printbibliography{%
1533     \global\thesis@bibliography@included@true
1534     \thesis@printbibliography@old}
1535   \fi

```

```
1536 \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.

```
1537 \thesis@require{hyperref}
1538 \ifthesis@digital@
1539 \hypersetup{pdfborderstyle={/S/U/W 1}}
1540 \else
1541 \hypersetup{hidelinks}
1542 \fi
```

Clubs and widows are set to be infinitely bad.

```
1543 \widowpenalty 10000
1544 \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.

```
1545 \def\thesis@color@setup#1{%
1546 \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.

```
1547 \define@key{thesis@color}{links}{%
1548 \definecolor{thesis@color@links}#1
1549 \hypersetup{linkbordercolor=thesis@color@links}}
1550 \define@key{thesis@color}{secondary}{%
1551 \definecolor{thesis@color@secondary}#1}
1552 \thesis@color@setup{secondary={RGB}{0, 0, 220}}
1553 \define@key{thesis@color}{tableOdd}{%
1554 \definecolor{thesis@color@tableOdd}#1}
1555 \define@key{thesis@color}{tableEven}{%
1556 \definecolor{thesis@color@tableEven}#1}
1557 \define@key{thesis@color}{tableEmph}{%
1558 \definecolor{thesis@color@tableEmph}#1}
```



The `\bfseries` macro is redefined to switch to the sans serif type face (conditional on `\ifthisissansbold@`) in the secondary color. The original definition of

`\thesis@bfseries@old` `\bfseries` is stored in the `\thesis@bfseries@old` macro.

```
1559 \let\thesis@bfseries@old\bfseries
1560 \def\bfseries{%
1561   \ifthisissansbold@\sffamily\fi
1562   \ifthisiscolor@\ifthisiscolorbold@\color{thesis@color@secondary}\fi\fi
1563   \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.

```
1564 \def\thesis@blocks@coverMatter{%
1565   \pagenumbering{gobble}}
```

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

```
1566 \def\thesis@blocks@frontMatter{%
1567   \thesis@blocks@clear
1568   \pagestyle{plain}
1569   \parindent 1.5em
1570   \setcounter{page}{1}
1571   \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.

```
1572 % \begin{macrocode}
1573 \def\thesis@blocks@clear{%
1574   \ifthisistwoside@
1575     \clearpage
1576     \ifodd\value{page}\else%
1577       \thispagestyle{empty}%
1578       \hbox{}%
1579       \newpage
1580   \fi
1581   \else
1582     \newpage
1583   \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.

```
1584 \def\thesis@blocks@clearRight{%
1585   \ifthisistwoside@
1586     \clearpage
1587     \ifodd\value{page}%
1588       \thispagestyle{empty}%
1589       \hbox{}%
1590     \newpage
1591   \fi}
```

```

1592 \else
1593 \newpage
1594 \fi}

```

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

```

1595 \newcommand{\thesis@blocks@logo}[2]{%
1596 \let\@logowidth\relax\newlength\@logowidth
1597 \let\@logoheight\relax\newlength\@logoheight
1598 \settowidth\@logowidth{\includegraphics[#2]{#1}}%
1599 \settoheight\@logoheight{\includegraphics[#2]{#1}}%
1600 \def\@maxwidth##1{\ifdim\@logowidth>##1 ##1\else\@logowidth\fi}
1601 \def\@maxheight##1{\ifdim\@logoheight>##1 ##1\else\@logoheight\fi}
1602 \includegraphics[width=\@maxwidth{6.3cm}, height=\@maxheight{4cm},
1603 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`.

```

1604 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
1605 [scale=0.95]{%
1606 \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1607 \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`.

```

1608 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1609 [scale=0.95]{%
1610 \edef\@path{\thesis@logopath\thesis@facultyLogo
1611 \ifthesis@color@-color\fi}%
1612 \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`.

```

1613 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1614 [scale=0.9]{%
1615 \edef\@path{\thesis@logopath\thesis@universityLogo}%
1616 \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`.

```

1617 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1618 [scale=0.9]{%
1619 \edef\@path{\thesis@logopath\thesis@universityLogo
1620 \ifthesis@color@-color\fi}%
1621 \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.

```
1622 \let\thesis@department@name\thesis@department
1623 \let\thesis@departmentEn@name\thesis@departmentEn
1624 \let\thesis@field@name\thesis@field
1625 \let\thesis@fieldEn@name\thesis@fieldEn
```

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

```
1626 \def\thesis@blocks@cover{%
1627   \ifthesis@cover@
1628     \thesis@blocks@clear
1629     \begin{alwaysingle}%
1630       \colorlet{thesis@color@secondary}{black}%
1631       \thispagestyle{empty}%
1632       \begin{center}%
1633         \thesis@blocks@universityLogo@monochrome\par
1634         \vspace{0.75cm}%
1635         {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
1636         \vfill

1637         \begingroup
1638         \thesis@colorbold@true
1639         {\sffamily\bfseries\thesis@titlePage@Huge\thesis@TeXtitle\par}%
1640         \endgroup
1641         \vspace{1.5cm}%
1642         {\sf\thesis@titlePage@Large\thesis@@{typeName}\par}%
1643         \vspace{1.5cm}%
1644         {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
1645         \vfill\vfill\vfill\vfill
1646         {\sf\thesis@titlePage@large\thesis@place, \thesis@@{semester}\par}%
1647         \end{center}%
1648     \end{alwaysingle}%
1649   \fi}
```

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

```
1650 \def\thesis@blocks@advisorSignature{%
1651   \let\@A\relax\newlength{\@A}
1652   \settowidth{\@A}{\thesis@@{advisorSignature}}
1653   \setlength{\@A}{\@A+1cm}
1654   \hfill\raisebox{-0.5em}{\parbox{\@A}{
1655     \centering
1656     \rule{\@A}{1pt}\
1657     \thesis@@{advisorSignature}
1658   }}}
```

`\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.

```

1659 \newif\ifthesis@blocks@titlePage@department@
1660 \thesis@blocks@titlePage@department@true
1661 \newif\ifthesis@blocks@titlePage@field@
1662 \thesis@blocks@titlePage@field@true
1663 \newif\ifthesis@blocks@titlePage@programme@
1664 \thesis@blocks@titlePage@programme@true
1665
1666 \def\thesis@blocks@titlePage{%
1667   \thesis@blocks@clear
1668   \begin{alwaysingle}%
1669     \thispagestyle{empty}%
1670     \begin{center}%
1671       \thesis@blocks@universityLogo@color
1672       \par\vspace{0.75cm}%
1673       {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
1674       \vfill
1675       \begingroup
1676       \thesis@colorbold@true
1677       {\sffamily\bfseries\thesis@titlePage@Huge\thesis@TeXtitle\par}%
1678       \endgroup
1679       \vspace{1.5cm}%
1680       {\sf\thesis@titlePage@Large\thesis@@{typeName}\par}%
1681       \vspace{1.5cm}%
1682
1683       {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
1684       \vfill\vfill
1685       {\sf\thesis@titlePage@large\thesis@@{advisorTitle}: \thesis@advisor\par}%
1686       \vspace{0.75cm}%
1687       \ifthesis@blocks@titlePage@department@
1688         {\sf\thesis@titlePage@large\thesis@department@name\par}%
1689       \fi
1690       \ifthesis@blocks@titlePage@programme@
1691         \vspace{0.25cm}%
1692       {\sf\thesis@titlePage@large\thesis@@{bib@programme}: \thesis@programme\par}%
1693       \fi
1694       \ifthesis@blocks@titlePage@field@
1695         \ifx\thesis@field\empty\else
1696         \vspace{0.25cm}%
1697       {\sf\thesis@titlePage@large\thesis@@{fieldTitle}: \thesis@field@name\par}%

```

```

1697     \fi
1698     \fi
1699     \vfill
1700     {\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.

```

1701     \ifx\thesis@type\thesis@rigorous
1702         \thesis@blocks@advisorSignature
1703     \else\ifx\thesis@type\thesis@proposal
1704         \thesis@blocks@advisorSignature
1705     \fi\fi\par}%
1706 \end{center}%
1707 \end{alwaysssingle}}

```

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

```

1708 \def\thesis@blocks@seal{%
1709 \thesis@blocks@clear
1710 \begin{alwaysssingle}%
1711 \thispagestyle{empty}%
1712 \begin{center}%
1713 \leavevmode
1714 \par\vfill
1715 \thesis@blocks@facultyLogo@color
1716 \par\vfill\vfill\vfill\vfill
1717 \end{center}%
1718 \end{alwaysssingle}}

```

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

```

1719 \def\thesis@blocks@toc{%
1720 \thesis@blocks@clear
1721 \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.

```

1722 \def\thesis@blocks@tables{%
1723 \thesis@blocks@toc
1724 \thesis@blocks@lot
1725 \thesis@blocks@lof}

```

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

```

1726 \def\thesis@blocks@declaration{%
1727 \thesis@blocks@clear
1728 \begin{alwaysssingle}%
1729 \chapter*{\thesis@{declarationTitle}}%
1730 \thesis@declaration
1731 \vskip 2cm%
1732 \hfill\thesis@author
1733 \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.

```

1734 \def\thesis@blocks@thanks{%

```

```

1735 \ifx\thesis@thanks\undefined\else
1736 \thesis@blocks@clear
1737 \begin{alwaysssingle}%
1738 \chapter*{\vspace*{\fill}}\thesis@@{thanksTitle}}%
1739 \leavevmode\thesis@thanks
1740 \end{alwaysssingle}%
1741 \fi}

```

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

```

1742 \def\thesis@blocks@abstract{%
1743 \begin{alwaysssingle}%
1744 \vskip 40 \p@
1745 {\let\thesis@blocks@clear\relax
1746 \chapter*{\thesis@@{abstractTitle}}}%
1747 \noindent\thesis@abstract
1748 \par\vfil\null
1749 \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.

```

1750 \def\thesis@blocks@abstractEn{%
1751 \ifthesis@english\else
1752 {\thesis@selectLocale{english}%
1753 \begin{alwaysssingle}%
1754 \vskip 40 \p@
1755 {\let\thesis@blocks@clear\relax
1756 \chapter*{\thesis@english@abstractTitle}}%
1757 \noindent\thesis@abstractEn
1758 \par\vfil\null
1759 \end{alwaysssingle}}%
1760 \fi}

```

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

```

1761 \def\thesis@blocks@keywords{%
1762 \begin{alwaysssingle}%
1763 {\let\thesis@blocks@clear\relax%
1764 \chapter*{\vspace*{\fill}}\thesis@@{keywordsTitle}}}%
1765 \noindent\leavevmode\thesis@TeXkeywords
1766 \end{alwaysssingle}}

```

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

```

1767 \def\thesis@blocks@keywordsEn{%
1768 \ifthesis@english\else
1769 {\thesis@selectLocale{english}%
1770 \begin{alwaysssingle}%
1771 {\let\thesis@blocks@clear\relax%
1772 \chapter*{\vspace*{\fill}}\thesis@english@keywordsTitle}}}%
1773 \noindent\leavevmode\thesis@TeXkeywordsEn
1774 \end{alwaysssingle}}%
1775 \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.

```

1776 \def\thesis@rewind{%
1777   \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@ macros is true.

```

1778 \newif\ifthesis@blocks@assignment@
1779 \thesis@blocks@assignment@true
1780 \newif\ifthesis@blocks@assignment@hideIfDigital@
1781 \thesis@blocks@assignment@hideIfDigital@true
1782 \def\thesis@blocks@assignment{%

```

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

```

1783   \ifthesis@blocks@assignment@
1784     \ifx\thesis@assignmentFiles\undefined
1785       % Rewind the pages and typeset a placeholder page.
1786       \thesis@blocks@clear
1787       \begin{alwaysingle}%
1788         \thispagestyle{empty}\thesis@rewind
1789         \noindent\textit{\thesis@{assignment}}%
1790       \end{alwaysingle}%
1791     \else

```

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

```

1792     {\edef\@pdfList{\thesis@assignmentFiles}%
1793     \let\ea\expandafter
1794     % Injects the specified PDF documents.
1795     \def\@inject##1,{\thesis@blocks@clear
1796     \def\@args{##1}\def\@relax{\relax}%
1797     \ifx\@args\@relax\else
1798     % Trim leading spaces.
1799     \edef\@trimmed{\romannumeral-'\.##1}%
1800     % Rewind the pages and include the PDF.
1801     \thesis@rewind\includepdf[pages=-]\@trimmed
1802     \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

```

1803     \ifx\@pdfList\empty\else
1804     \ifthesis@digital@
1805     \ifthesis@blocks@assignment@hideIfDigital@
1806     \thesis@blocks@clear
1807     \begin{alwaysingle}%
1808     \thispagestyle{empty}\thesis@rewind
1809     \noindent\textit{\thesis@{assignment}}%
1810     \end{alwaysingle}%

```

If the \ifthesis@blocks@assignment@ conditional is true and the \thesis@assignmentFiles macro is neither undefined nor empty, then inject the PDF documents specified in

the `\thesis@assignmentFiles`, if the `\ifthesis@digital@` conditional is false or the `\ifthesis@blocks@assignment@hideIfDigital@` conditional is false.

```

1811         \else
1812         \ea\@inject\@pdfList,\relax,%
1813         \fi
1814     \else
1815         \ea\@inject\@pdfList,\relax,%
1816     \fi
1817 \fi}%
1818 \fi
1819 \fi}

```

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

```

1820 \def\thesis@blocks@mainMatter{%
1821 \thesis@blocks@clear
1822 \setcounter{page}{1}
1823 \pagenumbering{arabic}
1824 \pagestyle{thesisheadings}
1825 \parindent 1.5em\relax}

```

`\thesis@blocks@bibEntry@pagetotal` The `\thesis@blocks@bibEntry@pageTotal` macro typeset the total number of pages in the thesis in the format required by the bibliographic entry.

```

1826 \def\thesis@blocks@bibEntry@pagetotal{%
1827 \thesis@pages@preamble{} + \thesis@pages}

```

`\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

```

1828 \def\thesis@blocks@bibEntry{%
1829 \thesis@blocks@clear
1830 \chapter*{\thesis@{bib@title}}
1831 {% Calculate the width of the columns
1832 \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1833 \bf\thesis@{bib@author}:}}
1834 \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1835 \bf\thesis@{bib@thesisTitle}:}}
1836 \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1837 \bf\thesis@{bib@programme}:}}
1838 \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1839 \bf\thesis@{bib@field}:}}
1840 \let\@E\relax\newlength{\@E}
1841 \settowidth{\@E}{\bf\thesis@{bib@advisor}:}}
1842 \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1843 \bf\thesis@{bib@academicYear}:}}
1844 \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1845 \bf\thesis@{bib@pages}:}}
1846 \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1847 \bf\thesis@{bib@keywords}:}}

```



```

1848 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1849 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1850   max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1851 \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1852   \textwidth-\@left-\@skip}
1853 % Typeset the table
1854 \noindent\begin{thesis@newtable@old}%
1855   {@}p{\@left}{\hskip\@skip}p{\@right}@{}
1856   \textbf{\thesis@{bib@author}}%
1857   \ifthesis@english\else\ifthesis@woman ka\fi\fi:} &
1858     \noindent\parbox[t]{\@right}{
1859       \thesis@author\\
1860       \thesis@{facultyName} \\
1861       \thesis@{universityName}\\
1862       \thesis@department@name
1863     }\\
1864   \textbf{\thesis@{bib@thesisTitle}:}
1865     & \thesis@title \\
1866   \textbf{\thesis@{bib@programme}:}
1867     & \thesis@programme \\
1868   \ifx\thesis@field\empty\else
1869   \textbf{\thesis@{bib@field}:}%
1870     & \thesis@field \\fi
1871   \textbf{\thesis@{bib@advisor}:}
1872     & \thesis@advisor \\
1873   \textbf{\thesis@{bib@academicYear}:}
1874     & \thesis@academicYear \\
1875   \textbf{\thesis@{bib@pages}:}
1876     & \thesis@blocks@bibEntry@pagetotal \\
1877   \textbf{\thesis@{bib@keywords}:}
1878     & \thesis@TeXkeywords \\
1879   \end{thesis@newtable@old}}

1880 \def\thesis@blocks@bibEntryEn{%
1881   \ifthesis@english\else
1882     \thesis@blocks@clear
1883     \chapter*{\thesis@english@bib@title}
1884     {% Calculate the width of the columns
1885     \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1886       \bf\thesis@english@bib@author:}}
1887     \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1888       \bf\thesis@english@bib@thesisTitle:}}
1889     \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1890       \bf\thesis@english@bib@programme:}}
1891     \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1892       \bf\thesis@english@bib@field:}}
1893     \let\@E\relax\newlength{\@E}
1894       \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1895     \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1896       \bf\thesis@english@bib@academicYear:}}
1897     \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1898       \bf\thesis@english@bib@pages:}}
1899     \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1900       \bf\thesis@english@bib@keywords:}}

```

```

1901 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1902 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1903   max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1904 \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1905   \textwidth-\@left-\@skip}
1906 % Typeset the table
1907 \noindent\begin{thesis@newtable@old}%
1908   {@}p{\@left}{\hskip\@skip}p{\@right}@{}%
1909   \textbf{\thesis@english@authorTitle:} &
1910   \noindent\parbox[t]{\@right}{
1911     \thesis@author\\
1912     \thesis@english@facultyName \\
1913     \thesis@english@universityName\\
1914     \thesis@departmentEn@name
1915   }\\
1916   \textbf{\thesis@english@bib@thesisTitle:}
1917   & \thesis@titleEn \\
1918   \textbf{\thesis@english@bib@programme:}
1919   & \thesis@programmeEn \\
1920   \ifx\thesis@fieldEn\empty\else
1921   \textbf{\thesis@english@bib@field:}%
1922   & \thesis@fieldEn@name \\fi
1923   \textbf{\thesis@english@bib@advisor:}
1924   & \thesis@advisor \\
1925   \textbf{\thesis@english@bib@academicYear:}
1926   & \thesis@academicYear \\
1927   \textbf{\thesis@english@bib@pages:}
1928   & \thesis@blocks@bibEntry@pagetotal \\
1929   \textbf{\thesis@english@bib@keywords:}
1930   & \thesis@TeXkeywordsEn \\
1931 \end{thesis@newtable@old}}
1932 \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<sup>L</sup>A<sup>T</sup>E<sup>X</sup> package. Otherwise, this macro produces no output.

```

1933 \def\thesis@blocks@bibliography{%
1934   \ifthesis@bibliography@loaded@
1935   \ifthesis@bibliography@included@\else
1936     \thesis@blocks@clear
1937     {\emergencystretch=3em%
1938     \printbibliography[heading=bibintoc]}%
1939   \fi
1940 \fi}

```

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

```

1941 % Table of contents will contain sectioning commands up to
1942 % \subsection.
1943 \setcounter{tocdepth}{2}

```

```

1944
1945 % Sections up to \subsection will be numbered.
1946 \setcounter{secnumdepth}{2}
1947
1948 % Load the 'fithesis-mu-1*.clo' size option.
1949 \input\thesis@stylepath mu/fithesis-mu-1\thesis@ptsize.clo\relax
1950
1951 % Define the running heading style.
1952 \def\ps@thesisheadings{%
1953   \def\chaptermark##1{%
1954     \markright{%
1955       \ifnum\c@secnumdepth >\m@ne
1956         \thechapter.\ %
1957         \fi ##1}}
1958 \let\@oddfoot\@empty
1959 \let\@oddhead\@empty
1960 \def\@oddhead{%
1961   \vbox{%
1962     \hbox to \textwidth{%
1963       \hfil{\sc\rightmark}}}%
1964   \vskip 4pt\hrule}}
1965 \if@twoside
1966   \def\@evenhead{%
1967     \vbox{%
1968       \hbox to \textwidth{%
1969         {\sc\rightmark}}%
1970       \hfil}
1971     \vskip 4pt\hrule}}
1972 \else
1973   \let\@evenhead\@oddhead
1974 \fi
1975 \def\@oddfoot{\hfil\PageFont\thepage}
1976 \if@twoside
1977   \def\@evenfoot{\PageFont\thepage\hfil}%
1978 \else
1979   \let\@evenfoot\@oddfoot
1980 \fi
1981 \let\@mkboth\markboth}

1982 \let\ps@headings\ps@thesisheadings
1983 \let\ps@myheadings\ps@thesisheadings
1984
1985 % Redefine the style of the chapter headings.
1986 \renewcommand*\chapter{%
1987   \thesis@blocks@clear
1988   \thispagestyle{plain}%
1989   \global\@topnum\z@
1990   \@afterindentfalse
1991   \secdef\@chapter\@schapter}
1992
1993 % Redefine the style of part headings.
1994 \renewcommand*\part{%
1995   \thesis@blocks@clear
1996   \if@twocolumn

```

```

1997   \onecolumn
1998   \@tempwatrue
1999   \else
2000   \@tempwafalse
2001   \fi
2002   \hbox{}\vfil
2003   \secdef\@part\@spart}
2004
2005 % A macro for temporary multicol -> singlecol switching.
2006 \newif\if@restonecol
2007 \def\alwayssingle{%
2008   \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
2009 \def\endalwayssingle{\if@restonecol\twocolumn\fi}
2010
2011 % Disable uppercasing in PDF strings.
2012 \pdfstringdefDisableCommands{%
2013   \let\MakeUppercase\relax}
2014
2015 % Set up the ToC entries appearance.
2016 \renewcommand*\toc@font[1]{%
2017   \ifcase #1\relax
2018     \bfseries % \chapter (0)
2019   \or
2020     \slshape % \section (1)
2021   \else
2022     \rmfamily % \subsection (2), \subsubsection (3)
2023     % \paragraph, \subparagraph (4)
2024   \fi}
2025
2026 % Set up the table of contents entries for sectioning commands.
2027 \renewcommand*\l@part[2]{%
2028   \ifnum \c@tocdepth >-2\relax
2029     \addpenalty{-\@highpenalty}%
2030     \ifnum \c@tocdepth >0\relax
2031       \addvspace{2.25em \@plus\p@}%
2032     \else
2033       \addvspace{1.0em \@plus\p@}%
2034     \fi
2035     \begingroup
2036       \setlength\@tempdima{3em}%
2037       \parindent \z@ \rightskip \@pnumwidth
2038       \parfillskip -\@pnumwidth
2039       {\leavevmode
2040         \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
2041       \nobreak
2042       \global\@nobreaktrue
2043       \everypar{\global\@nobreakfalse\everypar{}}%
2044     \endgroup
2045   \fi}
2046
2047 \renewcommand*\l@chapter[2]{%
2048   \ifnum \c@tocdepth >0\relax
2049     \addpenalty{-\@highpenalty}%
2050     \addvspace{1.0em \@plus\p@}%

```

```

2051 \setlength\@tempdima{1.5em}%
2052 \begingroup
2053 \parindent \z@ \rightskip \@pnumwidth
2054 \parfillskip -\@pnumwidth
2055 \leavevmode \bfseries
2056 \advance\leftskip\@tempdima
2057 \hskip -\leftskip
2058 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
2059 \penalty\@highpenalty
2060 \endgroup
2061 \else
2062 \@dottedtocline{0}{0em}{1.5em}{#1}{#2}
2063 \fi}
2064
2065 \renewcommand*\l@section{\@dottedtocline{1}{1.5em}{2.3em}}
2066 \renewcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
2067 \renewcommand*\l@subsubsection{\@dottedtocline{3}{7.0em}{4.1em}}
2068 \renewcommand*\l@paragraph{\@dottedtocline{4}{10.0em}{5.0em}}
2069 \renewcommand*\l@subparagraph{\@dottedtocline{4}{12.0em}{6.0em}}

2070 \renewcommand*\l@figure{\@dottedtocline{1}{0.5em}{2.3em}}
2071 \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.

```

2072 (*opt)
2073 (*10pt)
2074 \ProvidesFile{fithesis/style/mu/fithesis-mu-10.clo}[2021/02/21]
2075
2076 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont
2077 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2078 \belowdisplayskip \abovedisplayskip
2079 \abovedisplayshortskip \z@ plus3\p@
2080 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2081 \let\@listi\@listI}
2082
2083 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont
2084 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
2085 \belowdisplayskip \abovedisplayskip
2086 \abovedisplayshortskip \z@ plus2\p@
2087 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
2088 \def\@listi{\leftmargin\leftmarginI
2089 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
2090 \itemsep \parsep}}
2091
2092 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont
2093 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
2094 \belowdisplayskip \abovedisplayskip
2095 \abovedisplayshortskip \z@ plus\p@
2096 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
2097 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2098 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@

```

```

2099 \itemsep \parsep}}
2100
2101 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
2102 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
2103 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
2104 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
2105 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
2106 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
2107 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
2108
2109 </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.

```

2110 <*11pt>
2111 \ProvidesFile{fithesis/style/mu/fithesis-mu-11.clo}[2021/02/21]
2112
2113 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont}
2114 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
2115 \belowdisplayskip \abovedisplayskip
2116 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2117 % \abovedisplayshortskip \z@ plus3\p@
2118 \let\@listi\@listI}
2119
2120 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont}
2121 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2122 \belowdisplayskip \abovedisplayskip
2123 \abovedisplayshortskip \z@ plus3\p@
2124 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2125 \def\@listi{\leftmargin\leftmarginI}
2126 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
2127 \itemsep \parsep}}
2128
2129 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont}
2130 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
2131 \belowdisplayskip \abovedisplayskip
2132 \abovedisplayshortskip \z@ plus\p@
2133 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
2134 \def\@listi{\leftmargin\leftmarginI}
2135 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
2136 \itemsep \parsep}}
2137
2138 \renewcommand{\scriptsize}{\fontsize\@viiipt{9.5pt}\selectfont}
2139 \renewcommand{\tiny}{\fontsize\@vipt{7pt}\selectfont}
2140 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
2141 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
2142 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
2143 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
2144 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
2145
2146 </11pt>

```

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

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

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

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

```
2147 (*12pt)
2148 \ProvidesFile{fithesis/style/mu/fithesis-mu-12.clo}[2021/02/21]
2149 (/12pt)
2150
2151 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%
2152 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
2153 \belowdisplayskip \abovedisplayskip
2154 \abovedisplayshortskip \z@ plus3\p@
2155 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2156 \let\@listi\@listI}
2157
2158 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont
2159 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
2160 \belowdisplayskip \abovedisplayskip
2161 \abovedisplayshortskip \z@ plus3\p@
2162 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2163 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2164 \parsep 4.5\p@ plus2\p@ minus\p@
2165 \itemsep \parsep
2166 \topsep 9\p@ plus3\p@ minus5\p@}}
2167
2168 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont
2169 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2170 \belowdisplayskip \abovedisplayskip
2171 \abovedisplayshortskip \z@ plus3\p@
2172 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2173 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2174 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
```

```

2175 \itemsep \parsep}}
2176
2177 \def\thesis@titlePage@scriptsize{\fontsize\@viiipt{9.5pt}\selectfont}
2178 \def\thesis@titlePage@tiny{\fontsize\@viipt{7pt}\selectfont}
2179 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
2180 \def\thesis@titlePage@Large{\fontsize\@xxviipt{22pt}\selectfont}
2181 \def\thesis@titlePage@LARGE{\fontsize\@xxxpt{25pt}\selectfont}
2182 \def\thesis@titlePage@huge{\fontsize\@xxxvpt{30pt}\selectfont}
2183 \def\thesis@titlePage@Huge{\fontsize\@xxxvpt{30pt}\selectfont}
2184
2185 (*12pt)
2186 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
2187 \renewcommand{\small}{\thesis@titlePage@small}
2188 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
2189 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
2190 \renewcommand{\tiny}{\thesis@titlePage@tiny}
2191 \renewcommand{\large}{\thesis@titlePage@large}
2192 \renewcommand{\Large}{\thesis@titlePage@Large}
2193 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
2194 \renewcommand{\huge}{\thesis@titlePage@huge}
2195 \renewcommand{\Huge}{\thesis@titlePage@Huge}
2196 (/12pt)
2197 \let\@normalsize\normalsize
2198 \normalsize
2199
2200 \if@twoside
2201   \oddsidemargin 0.75in
2202   \evensidemargin 0.4in
2203 \else
2204   \oddsidemargin 0.75in
2205   \evensidemargin 0.75in
2206 \fi

2207 \marginparwidth 2.75cm
2208 \marginparsep 10pt
2209
2210 \topmargin 0.4in
2211
2212 \headheight 20pt
2213 \headsep 10pt
2214 \topskip 10pt
2215 \footskip 30pt
2216
2217 (*10pt)
2218 \textheight = 43\baselineskip
2219 \advance\textheight by \topskip
2220 \textwidth 5.0truein
2221 \columnsep 10pt
2222 \columnseprule 0pt
2223
2224 \footnotesep 6.65pt
2225 \skip\footins 9pt plus 4pt minus 2pt
2226 \floatsep 12pt plus 2pt minus 2pt
2227 \textfloatsep 20pt plus 2pt minus 4pt
2228 \intextsep 12pt plus 2pt minus 2pt

```



2229 \dblfloatsep 12pt plus 2pt minus 2pt  
2230 \dbltextfloatsep 20pt plus 2pt minus 4pt  
2231  
2232 \@fptop 0pt plus 1fil  
2233 \@fpsep 8pt plus 2fil  
2234 \@fpbot 0pt plus 1fil  
2235 \@dblfpptop 0pt plus 1fil  
2236 \@dblfpsep 8pt plus 2fil  
2237 \@dblfpbot 0pt plus 1fil  
2238 \marginparpush 5pt  
2239  
2240 \parskip 0pt plus 1pt  
2241 \partopsep 2pt plus 1pt minus 1pt  
2242  
2243 </10pt>  
2244 %  
2245 <\*11pt>  
2246 \textheight = 39\baselineskip  
2247 \advance\textheight by \topskip  
2248 \textwidth 5.0truein  
2249 \columnsep 10pt  
2250 \columnseprule 0pt  
2251  
2252 \footnotesep 7.7pt  
2253 \skip\footins 10pt plus 4pt minus 2pt  
2254 \floatsep 12pt plus 2pt minus 2pt  
2255 \textfloatsep 20pt plus 2pt minus 4pt  
2256 \intextsep 12pt plus 2pt minus 2pt  
2257 \dblfloatsep 12pt plus 2pt minus 2pt  
2258 \dbltextfloatsep 20pt plus 2pt minus 4pt  
2259  
2260 \@fptop 0pt plus 1fil  
2261 \@fpsep 8pt plus 2fil  
2262 \@fpbot 0pt plus 1fil  
2263 \@dblfpptop 0pt plus 1fil  
2264 \@dblfpsep 8pt plus 2fil  
2265 \@dblfpbot 0pt plus 1fil  
2266 \marginparpush 5pt  
2267  
2268 \parskip 0pt plus 0pt  
2269 \partopsep 3pt plus 1pt minus 2pt  
2270  
2271 </11pt>  
2272 %  
2273 <\*12pt>  
2274 \textheight = 37\baselineskip  
2275 \advance\textheight by \topskip  
2276 \textwidth 5.0truein  
2277 \columnsep 10pt  
2278 \columnseprule 0pt  
2279  
2280 \footnotesep 8.4pt  
2281 \skip\footins 10.8pt plus 4pt minus 2pt  
2282 \floatsep 14pt plus 2pt minus 4pt

```

2283 \textfloatsep 20pt plus 2pt minus 4pt
2284 \intextsep 14pt plus 4pt minus 4pt
2285 \dblfloatsep 14pt plus 2pt minus 4pt
2286 \dbltextfloatsep 20pt plus 2pt minus 4pt
2287
2288 \@fptop 0pt plus 1fil
2289 \@fpsep 10pt plus 2fil
2290 \@fpbot 0pt plus 1fil
2291 \@dblfpptop 0pt plus 1fil
2292 \@dblfpsep 10pt plus 2fil
2293 \@dblfpbot 0pt plus 1fil
2294 \marginparpush 7pt
2295
2296 \parskip 0pt plus 0pt
2297 \partopsep 3pt plus 2pt minus 2pt
2298
2299 </12pt>
2300 \@lowpenalty 51
2301 \@medpenalty 151
2302 \@highpenalty 301
2303 \@beginparpenalty -\@lowpenalty
2304 \@endparpenalty -\@lowpenalty
2305 \@itempenalty -\@lowpenalty
2306
2307 \def\@makechapterhead#1{%
2308   \setlength\parindent{\z@}%
2309   \setlength\parskip {\z@}%
2310   \Large \ChapFont
2311   \ifnum
2312     \c@secnumdepth >\m@ne
2313     \par\nobreak
2314     \vskip 10\p@
2315     \thechapter{} \space
2316     \fi #1\par
2317     \nobreak
2318     \vskip 20\p@}}
2319
2320 \def\@makeschapterhead#1{%
2321   \setlength\parindent{\z@}%
2322   \setlength\parskip {\z@}%
2323   \Large \ChapFont #1\par
2324   \nobreak
2325   \vskip 20\p@}}
2326
2327 \def\chapter{%
2328   \clearpage
2329   \thispagestyle{plain}
2330   \global\@topnum\z@
2331   \@afterindentfalse
2332   \secdef\@chapter\@schapter}
2333
2334 \def\@chapter[#1]#2{%
2335   \ifnum \c@secnumdepth
2336     >\m@ne

```

```

2337 \refstepcounter{chapter}%
2338 \typeout{\@chapapp\space\thechapter.}%
2339 \addcontentsline{toc}{chapter}{\protect
2340 \numberline{\thechapter}\bfseries #1}
2341 \else
2342 \addcontentsline{toc}{chapter}{\bfseries #1}
2343 \fi
2344 \chaptermark{#1}%
2345 \addtocontents{lof}%
2346 {\protect\addvspace{4\p@}}
2347 \addtocontents{lot}%
2348 {\protect\addvspace{4\p@}}
2349 \if@twocolumn
2350 \@topnewpage[\@makechapterhead{#2}]%
2351 \else
2352 \@makechapterhead{#2}%
2353 \@afterheading
2354 \fi
2355 }
2356
2357 \def\section{\@startsection{section}{1}{\z@}{%
2358 -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
2359 \reset@font\large\bfseries}}
2360 \def\subsection{\@startsection{subsection}{2}{\z@}{%
2361 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2362 \reset@font\normalsize\bfseries}}
2363 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
2364 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2365 \reset@font\normalsize\bfseries}}
2366 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
2367 3.25ex plus1ex minus.2ex}{-1em}{%
2368 \reset@font\normalsize\bfseries}}
2369 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
2370 3.25ex plus1ex minus.2ex}{-1em}{%
2371 \reset@font\normalsize\bfseries}}
2372
2373 \leftmargini 2.5em
2374 \leftmarginii 2.2em % > \labelsep + width of '(m)'
2375 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
2376 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
2377 \leftmarginv 1em
2378 \leftmarginvi 1em
2379
2380 \leftmargin\leftmargini
2381 \labelsep .5em
2382 \labelwidth\leftmargini\advance\labelwidth-\labelsep
2383
2384 (*10pt)
2385 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
2386 \topsep 8\p@ plus2\p@ minus4\p@
2387 \itemsep 4\p@ plus2\p@ minus\p@}
2388
2389 \let\@listi\@listI
2390 \@listi

```

```

2391
2392 \def\@listii{\leftmargin\leftmarginii
2393 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2394 \topsep 4\p@ plus2\p@ minus\p@
2395 \parsep 2\p@ plus\p@ minus\p@
2396 \itemsep \parsep}
2397
2398 \def\@listiii{\leftmargin\leftmarginiii
2399 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2400 \topsep 2\p@ plus\p@ minus\p@
2401 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
2402 \itemsep \topsep}
2403
2404 \def\@listiv{\leftmargin\leftmarginiv
2405 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2406
2407 \def\@listv{\leftmargin\leftmarginv
2408 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2409
2410 \def\@listvi{\leftmargin\leftmarginvi
2411 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2412 </10pt>
2413 %
2414 <*11pt>
2415 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
2416 \topsep 9\p@ plus3\p@ minus5\p@
2417 \itemsep 4.5\p@ plus2\p@ minus\p@}
2418
2419 \let\@listi\@listI
2420 \@listi
2421
2422 \def\@listii{\leftmargin\leftmarginii
2423 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2424 \topsep 4.5\p@ plus2\p@ minus\p@
2425 \parsep 2\p@ plus\p@ minus\p@
2426 \itemsep \parsep}
2427
2428 \def\@listiii{\leftmargin\leftmarginiii
2429 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2430 \topsep 2\p@ plus\p@ minus\p@
2431 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2432 \itemsep \topsep}
2433
2434 \def\@listiv{\leftmargin\leftmarginiv
2435 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2436
2437 \def\@listv{\leftmargin\leftmarginv
2438 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2439
2440 \def\@listvi{\leftmargin\leftmarginvi
2441 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2442 </11pt>
2443 %
2444 <*12pt>

```

```

2445 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
2446 \topsep 10\p@ plus4\p@ minus6\p@
2447 \itemsep 5\p@ plus2.5\p@ minus\p@}
2448
2449 \let\@listi\@listI
2450 \@listi
2451
2452 \def\@listii{\leftmargin\leftmarginii
2453 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2454 \topsep 5\p@ plus2.5\p@ minus\p@
2455 \parsep 2.5\p@ plus\p@ minus\p@
2456 \itemsep \parsep}
2457
2458 \def\@listiii{\leftmargin\leftmarginiii
2459 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2460 \topsep 2.5\p@ plus\p@ minus\p@
2461 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2462 \itemsep \topsep}
2463
2464 \def\@listiv{\leftmargin\leftmarginiv
2465 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2466
2467 \def\@listv{\leftmargin\leftmarginv
2468 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2469
2470 \def\@listvi{\leftmargin\leftmarginvi
2471 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2472 </12pt>
2473 </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>.

```

2474 \NeedsTeXFormat{LaTeX2e}
2475 \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.

```

2476 \thesis@color@setup{
2477 links={HTML}{FFD451},
2478 tableEmph={HTML}{FFD451},
2479 tableOdd={HTML}{FFF9E5},
2480 tableEven={HTML}{FFECB3}}

```

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

```

2481 \thesis@bibliography@setup{

```

<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)

```

2482 style=iso-numeric,
2483 sorting=none}
2484 \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.

```

2485 \ifx\thesis@type\thesis@rigorous
2486 \thesis@blocks@assignment@false
2487 \else\ifx\thesis@type\thesis@doctoral
2488 \thesis@blocks@assignment@false
2489 \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.

```

2490 \def\thesis@blocks@declaration{%
2491 \thesis@blocks@clear
2492 \begin{alwaysssingle}%
2493 \chapter*{\thesis@{declarationTitle}}%
2494 \thesis@declaration
2495 \vskip 2cm%
2496 \hfill\thesis@author
2497 \par\vfill\noindent
2498 \textbf{\thesis@{advisorTitle}:} \thesis@advisor
2499 \par\vfil
2500 \end{alwaysssingle}}

```

```

2501 \thesis@blocks@titlePage@field@false
2502 \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.

```

2503 \def\thesis@blocks@preamble{%
2504 \thesis@blocks@coverMatter
2505 \thesis@blocks@cover
2506 \thesis@blocks@frontMatter
2507 \thesis@blocks@titlePage
2508 \thesis@blocks@seal
2509 \ifx\thesis@type\thesis@proposal
2510 \thesis@blocks@toc
2511 \else
2512 \thesis@blocks@declaration
2513 \thesis@blocks@thanks
2514 \thesis@blocks@clear
2515 \thesis@blocks@abstract
2516 \thesis@blocks@keywords
2517 \thesis@blocks@tables

```

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

```

2518 \fi}
2519 \def\thesis@blocks@postamble{%
2520 \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>.

```

2521 \NeedsTeXFormat{LaTeX2e}
2522 \ProvidesPackage{fithesis/style/mu/fithesis-mu-sci}[2024/03/06]

```

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

```

2523 \thesis@color@setup{
2524 links={HTML}{20E366},
2525 tableEmph={HTML}{8EDEAA},
2526 tableOdd={HTML}{EDF7F1},
2527 tableEven={HTML}{CCEDD8}}

```

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

```

2528 \thesis@bibliography@setup{
2529 style=iso-numeric,
2530 sorting=none}
2531 \thesis@bibliography@load

```

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

```

2532 \thesis@blocks@titlePage@field@false
2533 \thesis@blocks@titlePage@programme@false
2534 \thesis@blocks@assignment@hideIfDigital@false

```

\thesis@blocks@bibEntry@pagetotal The \thesis@blocks@bibEntry@pageTotal macro typeset the total number of pages in the thesis in the format required by the bibliographic entry. The format is just the total number of pages, as mandated by the formal requirements of the faculty.

```

2535 \def\thesis@blocks@bibEntry@pagetotal{\thesis@pages}

```

\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.

```

2536 \def\thesis@blocks@frontMatter{%
2537 \thesis@blocks@clear
2538 \pagestyle{empty}
2539 \parindent 1.5em
2540 \setcounter{page}{1}
2541 \pagenumbering{arabic}}

```

<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)

`\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.

```
2542 \def\thesis@blocks@mainMatter{%
2543   \thesis@blocks@clear
2544   \pagestyle{thesisheadings}
2545   \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/fithesis-base.sty` file.

```
2546 \def\thesis@blocks@preamble{
2547   \thesis@blocks@coverMatter
2548   \thesis@blocks@cover
2549   \thesis@blocks@frontMatter
2550   \thesis@blocks@titlePage
2551   \thesis@blocks@seal
2552   \ifx\thesis@type\thesis@proposal

2553     \thesis@blocks@clear
2554     \pagestyle{plain}
2555     \thesis@blocks@toc
2556   \else
2557     \thesis@blocks@bibEntry
2558     \thesis@blocks@bibEntryEn
2559     \thesis@blocks@clear
2560     \thesis@blocks@abstract
2561     \thesis@blocks@clearRight
2562     \thesis@blocks@abstractEn
2563     \thesis@blocks@assignment
2564     \thesis@blocks@thanks
2565     \thesis@blocks@declaration

2566     \thesis@blocks@clear
2567     \pagestyle{plain}
2568     \thesis@blocks@tables
2569   \fi}
2570 \def\thesis@blocks@postamble{%
2571   \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>.

```
2572 \NeedsTeXFormat{LaTeX2e}
2573 \ProvidesPackage{fithesis/style/mu/fithesis-mu-phil}[2021/04/24]
```

<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 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.

```
2574 \thesis@color@setup{
2575   links={HTML}{6FCEF2},
2576   tableEmph={HTML}{78CEF0},
2577   tableOdd={HTML}{EBF6FA},
2578   tableEven={HTML}{D0EBF5}}
```

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

```
2579 \thesis@bibliography@setup{
2580   style=iso-authoryear,
2581   sorting=nty}
2582 \thesis@bibliography@load
```

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)

```
2583   \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.

```
2584 \ifx\thesis@department\thesis@departments@kisk
2585   \def\thesis@department@name{\thesis@@{departmentName}}
2586   \def\thesis@departmentEn@name{\thesis@english@departmentName}
2587 \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.

```
2588 \def\thesis@blocks@preamble{%
2589   \thesis@blocks@coverMatter
2590   \thesis@blocks@cover
2591   \thesis@blocks@frontMatter
2592   \thesis@blocks@titlePage
2593   \thesis@blocks@seal
```

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

```
2594   \ifx\thesis@department\thesis@departments@kisk
2595     \thesis@blocks@bibEntry
2596     \thesis@blocks@abstract
2597     \thesis@blocks@bibEntryEn
2598     \thesis@blocks@abstractEn
```

---

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

```

2599 \fi
2600 \thesis@blocks@declaration
2601 \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.

```

2602 \ifx\thesis@department\thesis@departments@kisk
2603 \thesis@blocks@toc
2604 \else
2605 \thesis@blocks@tables
2606 \fi}
2607 \def\thesis@blocks@postamble{%
2608 \ifx\thesis@department\thesis@departments@kisk

```

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

```

2609 \thesis@blocks@lot
2610 \thesis@blocks@lof
2611 \fi
2612 \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>.

```

2613 \NeedsTeXFormat{LaTeX2e}
2614 \ProvidesPackage{fithesis/style/mu/fithesis-mu-ped}[2021/10/17]

```

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.

```

2615 \thesis@color@setup{
2616 links={HTML}{FFA02F},
2617 tableEmph={HTML}{FFBB6B},
2618 tableOdd={HTML}{FFF1E0},
2619 tableEven={HTML}{FFDEB7}}

```

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

```

2620 \thesis@bibliography@setup{
2621 style=iso-authoryear,
2622 sorting=nty}
2623 \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.

---

<sup>6</sup>See [https://is.muni.cz/do/mu/Uredni\\_deska/Predpisy\\_MU/Pedagogicka\\_fakulta/Pokyny/PD2015-01/K\\_realizac\\_i\\_zaverecnych\\_praci\\_\\_bakalarskych\\_\\_diplomovych\\_\\_rigoroznich\\_a\\_zaverecnych\\_praci\\_CZV\\_\\_2021-06-10\\_09-07-51.pdf](https://is.muni.cz/do/mu/Uredni_deska/Predpisy_MU/Pedagogicka_fakulta/Pokyny/PD2015-01/K_realizac_i_zaverecnych_praci__bakalarskych__diplomovych__rigoroznich_a_zaverecnych_praci_CZV__2021-06-10_09-07-51.pdf), and the standard of the department of Pedagogy [http://www.ped.muni.cz/pedagogika/wp-content/uploads/2018/08/standard\\_zaverecnych\\_praci\\_katedra\\_pedagogiky-opravene3\\_08.pdf](http://www.ped.muni.cz/pedagogika/wp-content/uploads/2018/08/standard_zaverecnych_praci_katedra_pedagogiky-opravene3_08.pdf)

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.

```
2624 \def\thesis@blocks@preamble{%
2625   \thesis@blocks@coverMatter
2626   \thesis@blocks@cover
2627   \thesis@blocks@frontMatter
2628   \thesis@blocks@titlePage
2629   \thesis@blocks@seal
2630   \thesis@blocks@bibEntry
2631   \thesis@blocks@abstract
2632   \thesis@blocks@bibEntryEn
2633   \thesis@blocks@abstractEn
2634   \thesis@blocks@declaration
2635   \thesis@blocks@thanks
2636   \thesis@blocks@tables}
2637 \def\thesis@blocks@postamble{%
2638   \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>.

```
2639 \NeedsTeXFormat{LaTeX2e}
2640 \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.

```
2641 \thesis@color@setup{
2642   links={HTML}{58EDD7},
2643   tableEmph={HTML}{69D6C6},
2644   tableOdd={HTML}{E3F1EE},
2645   tableEven={HTML}{C5E3DF}}
```

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

```
2646 \thesis@bibliography@setup{
2647   style=iso-authoryear,
2648   sorting=nty}
2649 \thesis@bibliography@load
```

```
2650 \thesis@blocks@titlePage@field@false
```

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

```
2651 \def\thesis@blocks@frontMatter{%
2652   \pagestyle{plain}
2653   \parindent 1.5em
2654   \setcounter{page}{1}
2655   \pagenumbering{roman}}
```

<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)

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.

```
2656 \def\thesis@blocks@preamble{%
2657   \thesis@blocks@coverMatter
2658   \thesis@blocks@cover
2659   \thesis@blocks@frontMatter
2660   \thesis@blocks@titlePage
2661   \thesis@blocks@seal
2662   \thesis@blocks@bibEntry
2663   \thesis@blocks@abstract
2664   \thesis@blocks@bibEntryEn
2665   \thesis@blocks@abstractEn
2666   \thesis@blocks@declaration
2667   \thesis@blocks@thanks
2668   \thesis@blocks@tables}
2669 \def\thesis@blocks@postamble{%
2670   \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>.

```
2671 \NeedsTeXFormat{LaTeX2e}
2672 \ProvidesPackage{fithesis/style/mu/fithesis-mu-law}[2024/03/06]
```

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

```
2673 \thesis@color@setup{
2674   links={HTML}{CF86EB},
2675   tableEmph={HTML}{D39BE8},
2676   tableOdd={HTML}{F2EBF5},
2677   tableEven={HTML}{E5CCED}}
```

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

```
2678 \thesis@bibliography@setup{%
2679   style=iso-authortitle,
2680   sorting=nyt}
2681 \thesis@bibliography@load
```

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

```
2682 \thesis@require{chngcntr}
2683 \counterwithout{footnote}{chapter}
```

---

<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)

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.

```

2684 \thesis@blocks@titlePage@programme@false
2685
2686 \thesis@xpatch\thesis@blocks@titlePage{%
2687   {\sf\thesis@titlePage@large\thesis@{@advisorTitle}: \thesis@advisor\par}%
2688   \vspace{0.75cm}%
2689   \ifthesis@blocks@titlePage@department@
2690     {\sf\thesis@titlePage@large\thesis@department@name\par}%
2691   \fi
2692   \ifthesis@blocks@titlePage@programme@
2693     \vspace{0.25cm}%
2694     {\sf\thesis@titlePage@large\thesis@{@bib@programme}:
2695      \thesis@programme\par}%
2696   \fi
2697   \ifthesis@blocks@titlePage@field@
2698     \ifx\thesis@field\empty\else
2699       \vspace{0.25cm}%
2700       {\sf\thesis@titlePage@large\thesis@{@fieldTitle}:
2701        \thesis@field@name\par}%
2702     \fi
2703   \fi
2704   \vfill
2705 }{ }
2706
2707 \thesis@xpatch\thesis@blocks@titlePage{%
2708   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2709   \vfill
2710 }{ %
2711   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2712   \vspace{0.5cm}%
2713   {\sf\thesis@titlePage@large\thesis@field\par}%
2714   \vspace{0.25cm}%
2715   {\sf\thesis@titlePage@large\thesis@department@name\par}%
2716   \vspace{1cm}%
2717 }

```

`\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.

```

2718 \def\thesis@blocks@frontMatter{%
2719   \thesis@blocks@clear
2720   \pagestyle{empty}
2721   \parindent 1.5em
2722   \setcounter{page}{1}
2723   \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.

```

2724 \def\thesis@blocks@mainMatter{%
2725   \thesis@blocks@clear

```

```
2726 \pagestyle{thesisheadings}
2727 \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.

```
2728 \def\thesis@blocks@preamble{%
2729 \thesis@blocks@coverMatter
2730 \thesis@blocks@cover
2731 \thesis@blocks@frontMatter
2732 \thesis@blocks@titlePage
2733 \thesis@blocks@seal

2734 \thesis@blocks@clear
2735 \pagestyle{plain}
2736 \setcounter{page}{1}
2737 \thesis@blocks@declaration
2738 \thesis@blocks@clear
2739 \thesis@blocks@abstract
2740 \thesis@blocks@keywords
2741 \thesis@blocks@clear
2742 \thesis@blocks@abstractEn
2743 \thesis@blocks@keywordsEn
2744 \thesis@blocks@thanks
2745 \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.

```
2746 \def\thesis@blocks@postamble{%
2747 \thesis@blocks@bibliography
2748 \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>.

```
2749 \NeedsTeXFormat{LaTeX2e}
2750 \ProvidesPackage{fithesis/style/mu/fithesis-mu-econ}[2024/03/06]
```

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

```
2751 \thesis@color@setup{
2752 links={HTML}{F27995},
```

---

<sup>9</sup>See [https://is.muni.cz/auth/do/econ/uredni\\_deska/predpisy\\_ESF/smernice/smernice\\_dekana/prehled/2019/smernice\\_c\\_9\\_2019\\_o\\_tvorbe\\_odevzdavani\\_zverejnovani\\_a\\_hodnoceni\\_bc\\_zaverecných\\_a/SmerniceDekana2019\\_c.9\\_\\_2\\_FINALk\\_vydani.pdf](https://is.muni.cz/auth/do/econ/uredni_deska/predpisy_ESF/smernice/smernice/smernice_dekana/prehled/2019/smernice_c_9_2019_o_tvorbe_odevzdavani_zverejnovani_a_hodnoceni_bc_zaverecných_a/SmerniceDekana2019_c.9__2_FINALk_vydani.pdf) 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/)

```

2753 tableEmph={HTML}{E8B88B},
2754 tableOdd={HTML}{F5ECEB},
2755 tableEven={HTML}{EBD8D5}}

```

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

```

2756 \thesis@bibliography@setup{
2757   style=iso-authoryear,
2758   sorting=nty}
2759 \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.

```

2760 \thesis@require{tikz}
2761 \thesis@require{geometry}
2762 \thesis@require{array}
2763 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

```

2764 \thesis@blocks@assignment@hideIfDigital@false
2765 \thesis@blocks@titlePage@field@false

```

`\thesis@blocks@bibEntry@pagetotal` The `\thesis@blocks@bibEntry@pageTotal` macro typeset the total number of pages in the thesis in the format required by the bibliographic entry. The format is just the total number of pages, as mandated by the formal requirements of the faculty.

```

2766 \def\thesis@blocks@bibEntry@pagetotal{\thesis@pages}

```

`\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.

```

2767 \thesis@xpatch\thesis@blocks@cover{%
2768   \vfill
2769   \begingroup
2770   \thesis@colorbold@true
2771   {\sffamily\bfseries\thesis@titlePage@Huge\thesis@TeXtitle\par}%
2772   \endgroup
2773   \vspace{1.5cm}%
2774   {\sf\thesis@titlePage@Large\thesis@{@{typeName}}\par}%
2775   \vspace{1.5cm}%
2776   {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
2777   \vfill\vfill\vfill\vfill
2778   {\sf\thesis@titlePage@large\thesis@place, \thesis@{@{semester}}\par}%
2779 }{%

```

```

2780 \vfill
2781 {\bf\thesis@titlePage@Huge\thesis@{@{typeName}}\par}%
2782 \vfill
2783 {\sf\thesis@titlePage@large\thesis@place
2784 \ \sf\thesis@year\hfill\thesis@author\par}%
2785 }

```

`\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.

```

2786 \def\thesis@blocks@frontMatter{%
2787 \thesis@blocks@clear
2788 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2789 right=15mm, includeheadfoot}
2790 \pagestyle{empty}
2791 \parindent 1.5em
2792 \setcounter{page}{1}
2793 \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.

```

2794 \def\thesis@blocks@mainMatter{%
2795 \thesis@blocks@clear
2796 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2797 right=15mm, includeheadfoot}
2798 \pagestyle{thesisheadings}
2799 \parindent 1.5em\relax}

```

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

```

2800 \def\thesis@blocks@tables{%
2801 \thesis@blocks@lot
2802 \thesis@blocks@lof}

```

If the `no`lot and `no`lof 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.

```

2803 \ifx\thesis@blocks@lot\relax\else
2804 \def\thesis@blocks@lot{%
2805 \thesis@blocks@clear
2806 \phantomsection
2807 \addcontentsline{toc}{chapter}{\listtablename}%
2808 \listoftables}
2809 \fi
2810
2811 \ifx\thesis@blocks@lof\relax\else
2812 \def\thesis@blocks@lof{%
2813 \thesis@blocks@clear
2814 \phantomsection
2815 \addcontentsline{toc}{chapter}{\listfigurename}%
2816 \listoffigures}
2817 \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.

```

2818 \def\thesis@blocks@declaration{%
2819   \begin{alwaysssingle}%
2820     \thesis@blocks@clear
2821     \leavevmode\vfill
2822     % Start the new chapter without clearing any page.
2823     {\let\thesis@blocks@clear\relax
2824     \chapter*{\thesis@{@{declarationTitle}}}%
2825     \thesis@declaration
2826     \vskip 2cm%
2827     {\let\@A\relax\newlength{\@A}
2828     \settowidth{\@A}{\thesis@{@{authorSignature}}
2829     \setlength{\@A}{\@A+1cm}
2830     \noindent\thesis@place, \thesis@{@{formattedDate}}\hfill
2831     \begin{minipage}[t]{\@A}%
2832       \centering\rule{\@A}{1pt}\
2833       \thesis@{@{authorSignature}}\par
2834     \end{minipage}}
2835   \end{alwaysssingle}}

```

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.

```

2836 \def\thesis@blocks@keywords{%
2837   \begin{alwaysssingle}%
2838     \vskip 40\p@
2839     {\let\thesis@blocks@clear\relax
2840     \chapter*{\thesis@{@{keywordsTitle}}}%
2841     \noindent\thesis@TeXkeywords}%
2842   \end{alwaysssingle}}

```

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

```

2843 \def\thesis@blocks@keywordsEn{%
2844   \ifthesis@english\else
2845     {\thesis@selectLocale{english}%
2846     \begin{alwaysssingle}%
2847       \vskip 20\p@
2848       {\let\thesis@blocks@clear\relax%
2849       \chapter*{\thesis@english@keywordsTitle}}%
2850       \noindent\thesis@TeXkeywordsEn
2851     \end{alwaysssingle}}%
2852   \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.

```

2853 \thesis@def@extra[{\
2854   \thesis@placeholder@extra@summary

```

```

2855 }]{summary}
2856
2857 \def\thesis@blocks@summary{%
2858   \begin{alwaysssingle}%
2859     \thesis@blocks@clear
2860     {\let\thesis@blocks@clear\relax
2861     \chapter*{\thesis@{summaryTitle}}}%
2862     \noindent\thesis@extra@summary
2863   \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 that are not defined within this file are defined in the `style/mu/fithesis-base.sty` file.

```

2864 \def\thesis@blocks@preamble{%
2865   \thesis@blocks@coverMatter
2866   \thesis@blocks@cover
2867   \thesis@blocks@frontMatter
2868   \thesis@blocks@titlePage
2869   \thesis@blocks@seal
2870   \thesis@blocks@bibEntry
2871   \thesis@blocks@abstract
2872   \thesis@blocks@bibEntryEn
2873   \thesis@blocks@abstractEn
2874   \thesis@blocks@declaration
2875   \thesis@blocks@assignment
2876   \thesis@blocks@thanks
2877   \thesis@blocks@toc}

```

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

```

2878 \def\thesis@blocks@postamble{%
2879   \ifx\thesis@doctoral\thesis@type\thesis@blocks@summary\else\fi
2880   \thesis@blocks@bibliography
2881   \thesis@blocks@tables
2882 }

```

### 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>.

```

2883 \NeedsTeXFormat{LaTeX2e}
2884 \ProvidesPackage{fithesis/style/mu/fithesis-mu-med}[2024/03/06]

```

<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\\_zaverecnich\\_bakalarskych/Smernice\\_LF\\_MU\\_2-2020\\_-\\_Pokyny\\_k\\_formalnim\\_nalezitostem\\_zaverecnich\\_bakalarskych\\_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_zaverecnich_bakalarskych/Smernice_LF_MU_2-2020_-_Pokyny_k_formalnim_nalezitostem_zaverecnich_bakalarskych_a_diplomovych_praci_vypracovanych_na_Lekarske_fakulte_MU.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.

```
2885 \thesis@color@setup{
2886   links={HTML}{F58E76},
2887   tableEmph={HTML}{FF9D85},
2888   tableOdd={HTML}{FFF5F6},
2889   tableEven={HTML}{FFDEDF}}
```

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

```
2890 \thesis@bibliography@setup{%
2891   style=author title,
2892   sorting=ynt}
2893 \thesis@bibliography@load
```

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

```
2894 \ifthesis@bibliography@loaded@
2895   \DeclareNameAlias{sortname}{last-first}
2896   \renewcommand*{\revsdbnamepunct}{}
2897   \DeclareFieldFormat[%
2898     article,inbook,incollection,inproceedings,patent,thesis,unpublished]%
2899     {title}{{#1\isdot}}
2900   \renewbibmacro{in:}{}
2901   \DeclareFieldFormat{pages}{#1}
2902   \renewcommand*{\bibpagespunct}{\addcolon}
2903   \DeclareFieldFormat{journaltitle}{#1\addperiod}
2904   \DeclareFieldFormat{booktitle}{{#1}}
2905   \DeclareFieldFormat{title}{{#1}}
2906   \renewbibmacro*{journal+issuetitle}{%
2907     \usebibmacro{journal}%
2908     \setunit*\addspace}%
2909   \iffieldundef{series}
2910     {}
2911     {\newunit
2912       \printfield{series}%
2913       \setunit{\addspace}}%
2914   \usebibmacro{issue+date}%
2915   \setunit{\addsemicolon\addspace}%
2916   \usebibmacro{volume+number+eid}%
2917   \setunit{\addcolon\space}%
2918   \usebibmacro{issue}%
2919   \newunit%
2920 }
2921   \renewbibmacro*{issue+date}{\printfield{year}}
2922   \renewcommand*{\finalnamedelim}{\multinamedelim}
2923 \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.

```

2924 \thesis@require{tikz}
2925 \thesis@require{geometry}
2926 \thesis@require{setspace}
2927 \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
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.

2928 % \changes{v1.1.1}{2024/03/06}{Updated the study field redefinition to
2929 % match the base definition. [TV]}
2930 \thesis@blocks@titlePage@field@false
2931
2932 \thesis@xpatch\thesis@blocks@titlePage{%
2933   {\sf\thesis@titlePage@large\thesis@@{advisorTitle}: \thesis@advisor\par}%
2934   \vspace{0.75cm}%
2935   \ifthesis@blocks@titlePage@department@
2936     {\sf\thesis@titlePage@large\thesis@department@name\par}%
2937   \fi
2938   \ifthesis@blocks@titlePage@programme@
2939     \vspace{0.25cm}%
2940     {\sf\thesis@titlePage@large\thesis@@{bib@programme}:
2941       \thesis@programme\par}%
2942   \fi
2943   \ifthesis@blocks@titlePage@field@
2944     \ifx\thesis@field\empty\else
2945       \vspace{0.25cm}%
2946       {\sf\thesis@titlePage@large\thesis@@{fieldTitle}:
2947         \thesis@field@name\par}%
2948     \fi
2949   \fi
2950   \vfill
2951 }{ }
2952
2953 \thesis@xpatch\thesis@blocks@titlePage{%
2954   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2955   \vfill
2956 }{%
2957   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2958   \vspace{0.5cm}%
2959   {\sf\thesis@titlePage@large\thesis@programme\par}%
2960   \vspace{0.25cm}%
2961   {\sf\thesis@titlePage@large\thesis@department@name\par}%
2962   \vspace{1cm}%
2963 }

```

`\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.

```
2964 \def\thesis@blocks@frontMatter{%
2965   \thesis@blocks@clear
2966   \newgeometry{top=25mm,bottom=20mm,left=35mm,
2967     right=15mm, includeheadfoot}
2968   \pagestyle{empty}
2969   \parindent 1.5em
2970   \setcounter{page}{1}
2971   \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.

```
2972 \def\thesis@blocks@mainMatter{%
2973   \thesis@blocks@clear
2974   \newgeometry{top=25mm,bottom=20mm,left=35mm,
2975     right=15mm, includeheadfoot}
2976   \pagestyle{thesisheadings}
2977   \parindent 1.5em
2978   \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.

```
2979 \def\thesis@blocks@preamble{%
2980   \thesis@blocks@coverMatter
2981   \thesis@blocks@cover
2982   \thesis@blocks@frontMatter
2983   \thesis@blocks@titlePage
2984   \thesis@blocks@seal

2985   \thesis@blocks@clear
2986   \pagestyle{plain}
2987   \setcounter{page}{1}
2988   \thesis@blocks@declaration
2989   \thesis@blocks@clear
2990   \thesis@blocks@abstract
2991   \thesis@blocks@keywords
2992   \thesis@blocks@clear
2993   \thesis@blocks@abstractEn
2994   \thesis@blocks@keywordsEn
2995   \thesis@blocks@thanks
2996   \thesis@blocks@tables}
2997 \def\thesis@blocks@postamble{%
2998   \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>.

```
2999 \NeedsTeXFormat{LaTeX2e}
3000 \ProvidesPackage{fithesis/style/mu/fithesis-mu-fsps}[2024/03/06]
```

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

```
3001 \thesis@color@setup{
3002   links={HTML}{93BCF5},
3003   tableEmph={HTML}{A8BDE3},
3004   tableOdd={HTML}{EBEFF5},
3005   tableEven={HTML}{D1DAEB}}
```

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

```
3006 \thesis@bibliography@setup{
3007   style=iso-authoryear,
3008   sorting=nyt}
3009 \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.

```
3010 \thesis@require{tikz}
3011 \thesis@require{geometry}
3012 \thesis@require{setspace}
3013 \geometry{top=30mm,bottom=30mm,left=40mm,right=30mm,includeheadfoot}
```

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

```
3014 \setlength{\parindent}{1.25cm}
```

`\thesis@blocks@bibEntry@pagetotal` The `\thesis@blocks@bibEntry@pageTotal` macro typeset the total number of pages in the thesis in the format required by the bibliographic entry. The format is just the total number of pages, as mandated by the formal requirements of the faculty.

```
3015 \def\thesis@blocks@bibEntry@pagetotal{\thesis@pages}
```

`\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.

---

<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)

```

3016 \def\thesis@blocks@frontMatter{%
3017 \thesis@blocks@clear
3018 \pagestyle{empty}
3019 \parindent 1.5em
3020 \setcounter{page}{1}
3021 \pagenumbering{arabic}
3022 \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.

```

3023 \def\thesis@blocks@mainMatter{%
3024 \thesis@blocks@clear
3025 \pagestyle{thesisheadings}
3026 \parindent 1.5em
3027 \onehalfspacing}

```

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

```

3028 \def\thesis@blocks@bibliography{%
3029 \ifthesis@bibliography@loaded@
3030 \ifthesis@bibliography@included@\else
3031 \singlespacing
3032 \thesis@blocks@clear
3033 {\emergencystretch=3em%
3034 \printbibliography[heading=bibintoc]}%
3035 \fi
3036 \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

```

3037 \def\thesis@blocks@declaration{%
3038 \thesis@blocks@clear
3039 \begin{alwaysingle}%
3040 \chapter*{\thesis@{declarationTitle}}%
3041 \thesis@declaration
3042 \vskip 2cm%
3043 {\let\@A\relax\newlength{\@A}
3044 \settowidth{\@A}{\thesis@{authorSignature}}
3045 \setlength{\@A}{\@A+1cm}
3046 \noindent\thesis@place, \thesis@{formattedDate}\hfill
3047 \begin{minipage}[t]{\@A}%
3048 \centering\rule{\@A}{1pt}\
3049 \thesis@{authorSignature}\par

```

```

3050 \end{minipage}}
3051 \end{alwayssingle}}

```

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.

```

3052 \def\thesis@blocks@preamble{%
3053 \thesis@blocks@coverMatter
3054 \thesis@blocks@cover
3055 \thesis@blocks@frontMatter
3056 \thesis@blocks@titlePage
3057 \thesis@blocks@seal
3058 \thesis@blocks@bibEntry
3059 \thesis@blocks@abstract
3060 \thesis@blocks@bibEntryEn
3061 \thesis@blocks@abstractEn
3062 \thesis@blocks@thanks

3063 \thesis@blocks@clear
3064 \pagestyle{plain}
3065 \thesis@blocks@tables}
3066 \def\thesis@blocks@postamble{%
3067 \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.

```

3068 \NeedsTeXFormat{LaTeX2e}
3069 \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.

```

3070 \thesis@color@setup{
3071 links={HTML}{A0B9C5},
3072 tableEmph={HTML}{B0C3CF},
3073 tableOdd={HTML}{EFF3F6},
3074 tableEven={HTML}{D6E1E6}}

```

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

```

3075 \thesis@bibliography@setup{
3076 style=iso-authoryear,
3077 sorting=nty}
3078 \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.

```
3079 \thesis@require{tikz}
3080 \thesis@require{geometry}
3081 \thesis@require{setspace}
3082 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
3083
```

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

```
3084 \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.

```
3085 \def\thesis@blocks@frontMatter{%
3086 \thesis@blocks@clear
3087 \newgeometry{top=25mm, bottom=20mm, left=35mm, right=15mm, includeheadfoot}
3088 \pagestyle{empty}
3089 \parindent 1.5em
3090 \setcounter{page}{1}
3091 \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.

```
3092 \def\thesis@blocks@mainMatter{%
3093 \thesis@blocks@clear
3094 \newgeometry{top=25mm,bottom=20mm,left=35mm,
3095 right=15mm, includeheadfoot}
3096 \setcounter{page}{1}
3097 \pagenumbering{arabic}
3098 \pagestyle{thesisheadings}
3099 \parindent 1.5em
3100 \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/fi/thesis-base.sty` file.

```
3101 \def\thesis@blocks@preamble{%
3102 \thesis@blocks@coverMatter
3103 \thesis@blocks@cover
3104 \thesis@blocks@frontMatter
3105 \thesis@blocks@titlePage
3106 \thesis@blocks@seal
3107 \thesis@blocks@bibEntry
3108 \thesis@blocks@abstract
```

```

3109 \thesis@blocks@bibEntryEn
3110 \thesis@blocks@abstractEn
3111 \thesis@blocks@assignment
3112 \thesis@blocks@declaration
3113 \thesis@blocks@thanks
3114 \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.

```

3115 \def\thesis@blocks@postamble{%
3116 \thesis@blocks@bibliography}

```

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## Change History

v0.0	General: bachelor project of Daniel Marek under supervision of Petr Sojka	v0.2.01	General: add subsection to toc [JP]
v0.0a	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing	v0.2.02	General: fix encoding bug [JP]
v0.1	General: new release, documentation editing (CZ only, sorry) [PS]	v0.2.03	General: fix title spacing [PS, JP]
v0.1a	General: minor documentation changes (CZ only, sorry) [PS]	v0.2.04	General: fix SK declaration [Peter Cerensky, JP]
v0.1b	General: change of default size (11pt→12pt) [JP]	v0.2.05	General: add English abstract [JP]
v0.1c	General: default values of \facultyname and \@thesissubtitle set for backward compatibility) [PS]	v0.2.06	General: fix : behind Advisor [JP]
v0.1d	General: removed def schapter from fit1*.clo [JP]	v0.2.07	General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP] \MainMatter should be placed after \tablesofcontents [PS]
v0.1e	General: add Brno to MU title [JP]	v0.2.08	General: add change of University name [JP]
v0.1f	General: add documentation for hyperref [JP]	v0.2.09	General: add EN version of University name [JP]
v0.1g	General: change of default size (12pt→11pt) [JP]	v0.2.10	General: fix EN name of Acknowledgement [JP]
v0.2.00	General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP]	v0.2.11	General: fix missing fi-logo.mf [JP,PS]
		v0.2.12	General: Licence change to the LPPL [JP]
		v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf.



	<a href="http://github.com/liskin/fithesis">http://github.com/liskin/fithesis</a> . . . . .	1
v0.3.00	General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typo elements [VN] . . . . .	1
v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN] . . . . .	1
v0.3.02	General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN] . . . . .	1
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] . . . . .	1
v0.3.04	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. <code>\thesis@subdir</code> is now robust against relative paths. Accounted for French spacing in the guide. Fixed the <code>thesis@english@facultyName</code> string. Documentation refinements. [VN] . . . . . 1	the <code>fi</code> and <code>sci</code> style files set the conditional. [VN] . . . . . 1
v0.3.12	General: The subsections and subsubsections now use the correct <code>tocdepth</code> . [VN] . . . . . 1	
v0.3.13	General: Fixed an inconsistency in the example code. Removed an extraneous <code>\thesis@blocks@clear</code> block withing the definition of <code>\thesis@blocks@frontMatter</code> in the <code>fss</code> style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the <code>med</code> and <code>ped</code> style files. Fixed a typo within the technical documentation. Fixed the <code>twoside</code> alignment of the <code>\thesis@blocks@bibEntry</code> and the <code>\thesis@blocks@bibEntryEn</code> blocks within the <code>sci</code> style file. The <code>\thesis@blocks@assignment</code> block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the <code>\ifthesis@blocks@assignment</code> conditional can be set either by the subsequently loaded style files or by the user. So far, only	v0.3.14 General: Updated the documentation. [VN] . . . . . 1
		v0.3.15 General: Renamed <code>\thesis@requireStyle</code> to <code>\thesis@requireWithOptions</code> and moved the style loader from the <code>\thesis@load</code> routine to a new <code>\thesis@requireStyle</code> macro to make the semantics of <code>\thesis@requireLocale</code> and <code>\thesis@requireStyle</code> more similar. Changed the <code>basepath</code> , <code>logopath</code> , <code>localepath</code> and <code>stylepath</code> keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the assignment key. [VN] . . . . . 1
		v0.3.16 General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN] . . . . . 1
		v0.3.17 General: Changed a forgotten <code>\thesis@@lower{...}</code> invocation in the definition of <code>\thesis@czech@declaration</code> for the Faculty of Arts into <code>\thesis@@lower{czech@...}</code> , so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] . . 1
		v0.3.18 General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output <code>fithesis3.ctan.zip</code> archive. Updated the license notice. Added a README file.

Canonicalized a url within the user guides. Renamed the root directory from <code>fithesis3/</code> to <code>fithesis/</code> . Refactored the makefiles. Added developer example files. Renamed <code>docstrip.cfg</code> to <code>LICENSE.tex</code> to better describe its role. The <code>fithesis.dtx</code> file now generates a <code>VERSION.tex</code> file containing the version of the package, when it's being typeset. Flattened the <code>logo/</code> directory structure. [VN] . . . . .	1
v0.3.19 General: Updated the license. Added the <code>fithesis-</code> prefix to locale files. Proof-read and updated the documentation. Encapsulated the <code>localeInheritance</code> and <code>styleInheritance</code> setters. Added the <code>\thesis@selectLocale{...}</code> , which acts as a replacement for <code>\def\thesis@locale{...}</code> , which also switches hyphenation patterns. The macro definitions inside locale files are now global to account for the fact that it now makes sense to include locale files on-site (and therefore possibly inside a group) using the <code>\thesis@selectLocale</code> . The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN] . . . . .	1
v0.3.20 General: Removed an extraneous <code>\hypersetup</code> option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] . . . . .	1
v0.3.21 General: Fixed an invalid font name. [VN] . . . . .	1
v0.3.22 General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in	
	Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN] . . . . .
v0.3.23 General: Fixed a typo in the Slovak locale. [VN] . . . . .	1
v0.3.24 General: Added the <code>\thesis@backend</code> tunable. The hyphenation pattern switching now uses <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 <code>table</code> class option now supports the <code>tabu</code> environment. The list of tables and the list of figures now have an entry in the table of contents for the <code>style/mu/fithesis-econ.sty</code> style file. [VN] . . . . .	1
v0.3.25 General: The example documents from the <code>example</code> directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] . .	1
v0.3.26 General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code> . [VN] . . . . .	1
v0.3.27:1 General: Fixed a typo in the guide.	

	Added a compatibility layer for <code>\title</code> , <code>\author</code> , and <code>\maketitle</code> . Minor changes of the documentation. [VN] . . . . .	1
v0.3.27:2	General: <code>\thesis@selectLocale</code> is no longer performed globally for the entire document during <code>\thesis@load</code> (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's <code>\languagename</code> differs from <code>\thesis@locale</code> ). Instead, <code>\thesis@preamble</code> and <code>@postamble</code> now locally switch the locale and expand <code>\thesis@blocks@preamble</code> and <code>@postamble</code> , which are the new redefinables. Since this breaks the behaviour of <code>\thesis@blocks@mainMatter</code> , whose effects would also be local, <code>@mainMatter</code> is now executed directly by <code>\thesis@preamble</code> after closing the group and becomes a new part of the interface between the class and the style files. [VN] . . . . .	1
v0.3.27:3	General: As a preparation for the future inclusion of bibliography support, the <code>csquotes</code> package is loaded, <code>@csquotesStyle</code> is a new part of the locale interface that sets the <code>csquotes</code> style of a locale, and <code>\thesis@selectLocale</code> now switches the <code>csquotes</code> style. [VN] . . . . .	1
v0.3.27:4	General: <code>\thesis@english@declaration</code> now uses the correct idiom (by one's own $\rightarrow$ on one's own). [VN] . . . . .	1
v0.3.27:5	General: The PDF bookmarks are no longer garbled, when the Lua $\TeX$ engine is used. [VN] . . . . .	1
v0.3.28:1	General: The <code>draft</code> option has no longer an effect on the microtype package. The <code>\thesis@require</code> command now also takes an optional argument and the <code>\thesis@requireWithOptions</code> command has become <code>\thesis@requireIfExists</code> . [VN] . . . . .	1
v0.3.28:2	General: If the thesis locale and the document locale is the same (the default behaviour), the <code>\thesis@selectLocale</code> macro is applied globally at the beginning of the document. As a result, the <code>csquotes</code> style is automatically set for the entire document. [VN] . . . . .	1
v0.3.29:1	General: The initial pages of the styles of the Masaryk University in Brno are no longer page-numbered, so that <code>hyperref</code> links work correctly. [VN] . . . . .	1
v0.3.29:2	General: The printed and digital class options, which set all the options appropriate for either the printed or the digital versions of a document, are now available for the style files of the Masaryk University in Brno. [VN] . . . . .	1
v0.3.29:3	General: The <code>table</code> class option for the style files of the Masaryk University in Brno now loads all the required packages and changes the <code>table</code> measurements even when the <code>color</code> option is not specified. [VN] . . . . .	1
v0.3.30	General: The <code>\thesis@seasonYear</code> macro has been added, which, unlike <code>\thesis@year</code> takes into account the fact that January and February of the year $n$ still belong to the fall semester of the year $n - 1$ . [VN] . . . . .	1
v0.3.31:1	General: The redefinitions of <code>\appendix</code> from the <code>style/mu/fithesis-1*.clo</code>	

	files, which broke hyperref links to appendices, were removed. [VN] . . . . .	1		support is enabled by specifying <code>\thesis@department</code> to be <code>kisk</code> . [VN] . . . . .	1
v0.3.31:2	General: All trailing %s were removed. Some of the inherited <code>fithesis2</code> code in the <code>style/mu/fithesis-1*.clo</code> and <code>style/mu/fithesis-base.sty</code> files was refactored and reformatted. Alternative templates for the Faculty of Science at the Masaryk University in Brno are now mentioned in the respective user guide. [VN] . . . . .	1	v0.3.35:2	General: Added support for seminar papers on the <code>fithesis3</code> class level. The style files for the faculties of the Masaryk University in Brno do not provide any special handling of this thesis type yet. [VN] . . . . .	1
v0.3.31:3	General: The <code>style/mu/fithesis-sci.sty</code> style file redefines <code>\thesis@blocks@declaration</code> to include a formatted date and an author's signature field. The <code>locale</code> file <code>style/mu/sci/czech.def</code> contains a new string <code>\thesis@czech@formattedDate</code> . [VN] . . . . .	1	v0.3.35:3	General: Fixed <code>\l@locale</code> being possibly undefined in a LuaLaTeX run. [VN] . . . . .	1
v0.3.32	General: Fixed a regression from v0.3.27:2 – The margins in <code>\thesis@blocks@mainMatter</code> were corrected in the style files of the Faculty of Economics and Administration and the Faculty of Medicine at the Masaryk University in Brno. [VN] . . . . .	1	v0.3.36	General: The <code>\thesis@load</code> macro has been lifted to the public API as <code>\thesisload</code> . [VN] . . . . .	1
v0.3.33	General: Added <code>\thesis@patch</code> . [VN] . . . . .	1	v0.3.37	General: The <code>\tableofcontents</code> in the style files of the Masaryk University in Brno now correctly handles all <code>tocdepth</code> values. The expansion of <code>\part</code> also no longer results in a hyperref-related error in the style files of the Masaryk University in Brno. [VN] . . . . .	1
v0.3.34	General: Added visual tests of output PDFs. The <code>test/</code> directory is now also uses the <code>university/faculty</code> path scheme employed by the rest of the package. [VN] . . . . .	1	v0.3.38:1	General: The <code>bib</code> key was added on the <code>fithesis3</code> class level and is supported by the style files of the Masaryk University in Brno. [VN] . . . . .	1
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		v0.3.38:2	General: Fixed <code>\thesis@pages</code> not taking <code>\thesis@postamble</code> into account. Fixed the chapter number being printed regardless of <code>secnumdepth</code> by the style files of the Masaryk University in Brno. Fixed <code>\thesis@blocks@assignment</code> being typeset in Czech only by the style file of the Faculty of Science at the Masaryk University in Brno. [VN] . . . . .	1
			v0.3.39:1	General: The <code>\thesis@blocks@bibliography</code> now uses an emergency stretch of 3 em in the style files of the	

Masaryk University in Brno. [VN] . . . . .	1	longer gobbles leading spaces of \thesis@thanks. A fix in the Slovak locale by kiraacorsac at GitHub. [VN] . . . . .	1
v0.3.39:2			
General: The assignment key no longer affects the page numbers and takes into account the digital and printed class options in the style files of the Masaryk University in Brno. [VN] . . . . .	1	v0.3.44	
		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
v0.3.40		The captions in the examples for MU are now above tables. [VN] . . . . .	1
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	The style file for FSpS, MU now complies with updated requirements. [VN] . . . . .	1
		The style file for FSpS, MU now includes place, date, and signature field next to the declaration. [VN] . . . . .	1
		The style file for FSpS, MU now uses 1.5 spacing outside bibliography. [VN] . . . . .	1
v0.3.41		The style file for FSpS, MU now uses a 14 cm wide type area. [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 different declaration text. [VN] . . . . .	1
		The style file for FSpS, MU now uses different title page layout. [VN] . . . . .	1
v0.3.42		v0.3.45	
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	General: Added Slovak localization for the style/mu/fithesis-sci.sty style file. The localization was submitted by Juraj Pálenik. [VN] . . . . .	47
		Bibliographical entries in style/mu/fithesis-sci.sty now face each other when the main locale is either Czech or English. [VN] . . . . .	79
v0.3.43		Defined the \ifthesis@czech macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] . . . . .	79
General: Added a mention about the thesis proposal thesis type to the user guide for the Faculty of Informatics at the Masaryk University, Brno and fixed a bad citation in the user guides for the Masaryk University, Brno. Added an extra english option for babel in the examples for the Masaryk University, Brno. \thesis@blocks@thanks no		Defined the \thesis@blocks@abstractCs	

macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] . . . . .	79		
Defined the \thesis@blocks@bibEntryCs macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] . . . . .	79		
Defined the abstractonsinglepage option in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] . . . . .	79		
Redefined the \thesis@blocks@thanks and \thesis@blocks@declaration macros in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] . . . . .	80		
\thesis@pages@preamble: Defined the \thesis@pages@preamble and \thesis@pages@postamble macros. The patch was submitted by Juraj Pálenik. [VN] . . . . .	17		
\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. . . .	21		
\thesissetup: Added the extra key to \thesissetup and defined the helper \thesis@def@extra macro. [VN] . . . . .	18		
v0.3.46			
General: Lifted the authorSignature and formattedDate strings to the global locale file interface. [VN] . . . . .	26		
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] . . . . .	29, 35, 43		
		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] . . . . .	89
		The documentation now points to the 2/2017 dean's directive for the Faculty of Economics and Administration, Masaryk University, Brno. [VN] . . . . .	86
		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] . . . . .	30, 37, 44
		Updated the declaration string in locale/mu/econ/*.def in accordance with the 2/2017 dean's directive. [VN] . . . .	37, 44
		\thesis@blocks@abstractEn: Simplified the definition of \thesis@blocks@abstractEn in style/mu/fithesis-base.sty. [VN] . . . . .	62
		\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] . . . . .	89
		\thesis@blocks@keywordsEn: Simplified the definition of \thesis@blocks@keywordsEn in style/mu/fithesis-base.sty. [VN] . . . . .	62
	v0.3.47	General: Added an \ifthesis@blocks@assignment@hideIfDigital@ test to the definition of the assignment string for the Masaryk University in Brno. [VN] . . . . .	28, 35, 42
		Enabled the inclusion of the scanned assignment inside the	



digital version of the document	51, 56,
in	57
style/mu/fithesis-econ.sty	81,
in accordance with the formal	82
requirements of the faculty. The	81
patch was submitted by Jana	78
Ratajská. [VN] . . . . .	51
Moved the \ifthesis@digital	79
tests from locale/*.def to	87
locale/mu/*.def, since	87
\ifthesis@digital is	82
undefined in fithesis3.cls.	85
[VN] . . . . .	27, 28, 33, 35, 40, 42
Updated the declaration string	92
in locale/mu/econ/*.def in	94
accordance with the 2/2017	81
dean's directive. [VN] . . . .	37, 44
v0.3.48	Added \thesis@xpatch
General: Changed	command. [TV] . . . . .
\thesis@english@thanksTitle	4
to plural. [VN] . . . . .	28
v0.3.49	Added conditional redefinition
General: \emph uses the italic type	for the study field. [TV] . . . . .
face rather than the slanted	92
type face. [VN] . . . . .	85
Fixed casing in the definition of	Added conditional redefinition
the declaration string for the	for the study programme.
Masaryk University in Brno.	[TV] . . . . .
[VN] . . . . .	81
Removed an extraneous \vskip	Added conditional to add
in the style files for the Masaryk	summary for doctoral theses.
University in Brno.	[TV] . . . . .
[VN] . . . . .	81
v0.3.50	Added conditional to include
\thesisload: Make writes	summary in doctoral theses.
immediate, so that they do not	[TV] . . . . .
get lost when they occur at an	90
empty page. [VN] . . . . .	Added redefinition of
v0.3.51	conditionals to exclude the
General:	study field and the study
56	programme from the title page.
\thesis@bibliography@setup: 54	[TV] . . . . .
v1.0.0	78
General: 78, 80, 81, 83, 84, 86, 90, 93, 96	Added redefinition of the
82	conditional to exclude the study
84	field from the title page.
91	[TV] . . . . .
52	83, 87
80	Added redefinition of the
	conditionals to exclude the
	study programme and the
	study field from the title page.
	[TV] . . . . .
	79
	Added redefinition of the
	titlePage layout as per the
	faculty requirements.
	Department name and field are
	in the upper part of the
	titlePage. [TV] . . . . .
	85
	Added redefinition of the
	titlePage layout as per the
	faculty requirements.
	Department name and



programme are in the upper part of the titlePage. [TV] . . . .	92	command was expanded to more closely resemble Faculty of Science's bibEntry. The \thesis@blocks@bibEntryEn was added. [TV] . . . . .	64
Added required package tikz for bibEntry. [TV] . . . . .	51	\thesis@blocks@cover:	59
Added title for summary. [TV] . . . . .	27, 33, 41	Removed the header conditionals as the covers are unified for all faculties and shouldn't need to be modified. [TV] . . . . .	59
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] . . . . .	48, 67, 69–71, 77, 79, 80, 82–84, 86, 90, 94	\thesis@blocks@facultyLogo@color:	58
Lifted the advisorSignature string to the global locale file interface. [VN] . . . . .	26, 27, 31, 33, 37, 41, 45, 78	\thesis@blocks@facultyLogo@monochrome:	58
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] . . . . .	29, 35, 43	\thesis@blocks@keywords: Redefined keywords, keywordsEn macros so they by default start on the same page as the the previous element and are in the lower part of the page. [TV] . . . . .	62
Macros for abstract and abstractEn were moved to base.dtx. [TV] . . . . .	89	\thesis@blocks@logo:	58
Redefine all predefined page styles of the backend class, so that they can't be accidentally activated. [VN] . . . . .	67	\thesis@blocks@seal:	61
Reorganised the blocks to fit the faculty's requirements. [TV] . . . . .	78, 80, 81, 83, 84, 86, 90, 93, 96	\thesis@blocks@summary: Macro for the summary was added. [TV] . . . . .	89
Styles for list of figures and list of tables were redefined to achieve unified look with toc. [TV] . . . .	69	\thesis@blocks@titlePage:	59
Updated urls to show the most recent requirements and recommendations used in preparation of the template. [TV] . . . . .	77, 79, 80, 82–84, 86, 90, 94		60
\thesis@blocks@abstract: Changed clearpage to vskip so it is by default on the same page when the template contains bibEntry. [TV] . . . . .	62		60
\thesis@blocks@abstractEn: Changed clearpage to vskip so it is by default on the same page when the template contains bibEntry. [TV] . . . . .	62		60
\thesis@blocks@advisorSignature:	59		61
\thesis@blocks@bibEntry: The \thesis@blocks@bibEntry			59
			10

<ul style="list-style-type: none"> <li>\thesis@xpatch: Added</li> <li>  \thesis@xpatch command.</li> <li>  [TV] ..... 25</li> <li>\thesisload: Only load babel in</li> <li>  LuaTeX if polyglossia has not</li> <li>  been loaded yet. .... 20</li> </ul>	<ul style="list-style-type: none"> <li>\thesis@blocks@cover: 59,</li> <li>  87</li> <li>\thesis@blocks@titlePage: 60</li> </ul>
v1.0.1	v1.1.1
<ul style="list-style-type: none"> <li>General:</li> <li>  86</li> <li>  93</li> <li>  80</li> <li>  96</li> <li>\thesis@blocks@frontMatter: 85</li> <li>  79</li> <li>  94</li> <li>\thesis@blocks@mainMatter: 93</li> <li>  80</li> <li>  95</li> </ul>	<ul style="list-style-type: none"> <li>General:</li> <li>  57</li> <li>Updated the study field</li> <li>  redefinition to match the base</li> <li>  definition. [TV] ..... 85</li> <li>\thesis@blocks@bibEntry: If the</li> <li>  \thesis@fieldEn key is empty</li> <li>  string, the bibEntryEn field of</li> <li>  study row does not appear.</li> <li>  [TV] ..... 65</li> <li>If the \thesis@field key is</li> <li>  empty string, the bibEntry field</li> <li>  of study row does not appear.</li> <li>  [TV] ..... 64</li> <li>\thesis@blocks@bibEntry@pagetotal:</li> <li>  Add the</li> <li>  \thesis@blocks@bibEntry@pagetotal</li> <li>  command for the Masaryk</li> <li>  University in Brno. [TV,</li> <li>  VN] ..... 64, 79, 87, 94</li> <li>\thesis@blocks@keywords: Typeset</li> <li>  \thesis@TeXkeywords, not</li> <li>  \thesis@keywords. [VN] .... 62</li> <li>\thesis@blocks@keywordsEn:</li> <li>  Typeset \thesis@TeXkeywords,</li> <li>  not \thesis@keywords. [VN] .. 62</li> <li>\thesis@blocks@titlePage: The</li> <li>  field of study shows only if not</li> <li>  empty. [TV] ..... 60</li> </ul>
v1.1.0	
<ul style="list-style-type: none"> <li>General: 49, 51,</li> <li>  57</li> <li>  49,</li> <li>  52</li> <li>  50, 51,</li> <li>  57</li> <li>Add space for margin notes.</li> <li>  [VN] ..... 72</li> <li>Updated urls to show the most</li> <li>  recent requirements and</li> <li>  recommendations used in</li> <li>  preparation of the template.</li> <li>  [VN] ..... 86</li> </ul>	