

# 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 L<sup>A</sup>T<sub>E</sub>X 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 metainformation 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{#1}%
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 `{\id=identifier}` pair sets the identifier of the thesis author to *identifier*. This usually corresponds to the unique identifier of the author within the information system of the given university.

```

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

```

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

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

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

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

```

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



```

111 \def\thesis@university{mu}
112 \define@key{thesis}{university}{%
113   \def\thesis@university{#1}}

```

`\thesis@faculty` **2.2.11 The faculty key**

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

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

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

```

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

```

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

The `{(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 `{\langle facultyLogo=filename\rangle}` 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 `{\langle style=filename\rangle}` 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 `{\langle styleInheritance=bool\rangle}` 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 `{\langle locale=name\rangle}` 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@parseDate
\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  
`\thesis@blocks@preamble` contents of the `\thesis@blocks@preamble` or `\thesis@blocks@postamble` macros,  
`\thesis@blocks@postamble` 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             \ifXKV@doxs\relax
326

```

```

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@inpo\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 `2025/08/11 v1.1.2 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 % Miscellaneous
717 \gdef\thesis@english@typeName@rigorous{Advanced Master's Thesis}
718 \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.

```
719 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2016/03/22]
720 \gdef\thesis@english@facultyName{Faculty of Arts}
721 \gdef\thesis@english@departmentName{%
722 \ifx\thesis@department\thesis@departments@kisk
723 Division of Information and Library Studies%
724 \else
725 <<Unknown department (\thesis@department)>>%
726 \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.

```
727 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2016/03/22]
728
729 % Placeholders
730 \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.

```
731 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2017/06/02]
732
733 % Placeholders
734 \gdef\thesis@english@facultyName{Faculty of Science}
735
736 % Miscellaneous
737 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
738
```

### 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.

```
739 \ProvidesFile{fithesis/locale/mu/pharm/fithesis-english.def}[2021/03/26]
740
741 % Placeholders
742 \gdef\thesis@english@facultyName{Faculty of Pharmacy}
743
744 % Miscellaneous
745 \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.

```
746 \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.

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



```

757 \gdef\thesis@czech@facultyName{Název fakulty}

758 \gdef\thesis@czech@assignment{%
759   Na tomto místě se v~tištěné práci nachází oficiální podepsané
760   zadání práce.}
761 \gdef\thesis@czech@declaration{Text prohlášení ...}
762
763 % Časové údaje
764 \gdef\thesis@czech@spring{jaro}
765 \gdef\thesis@czech@fall{podzim}
766 \gdef\thesis@czech@semester{%
767   \thesis@czech@\thesis@season} \thesis@seasonYear}
768 \gdef\thesis@czech@formattedDate{%
769   \thesis@day.
770   \newcount\@month\expandafter\@month\thesis@month\relax
771   \ifnum\@month=1%
772     ledna
773   \else\ifnum\@month=2%
774     února
775   \else\ifnum\@month=3%
776     března
777   \else\ifnum\@month=4%
778     dubna
779   \else\ifnum\@month=5%
780     května
781   \else\ifnum\@month=6%
782     června
783   \else\ifnum\@month=7%
784     července
785   \else\ifnum\@month=8%
786     srpna
787   \else\ifnum\@month=9%
788     září
789   \else\ifnum\@month=10%
790     října
791   \else\ifnum\@month=11%
792     listopadu
793   \else\ifnum\@month=12%
794     prosince
795   \else
796     <<neznámý měsíc (\the\@month)>>
797   \fi\fi\fi\fi\fi\fi
798   \fi\fi\fi\fi\fi\fi
799   \thesis@year}}
800
801 % Různé
802 \gdef\thesis@czech@authorSignature{%
803   Podpis autor\ifthesis@woman ky\else a\fi}

804 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
805 \gdef\thesis@czech@fieldTitle{Obor}
806 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
807 \gdef\thesis@czech@authorTitle{Autor}
808 \gdef\thesis@czech@abstractTitle{Shrnutí}

```

```

809 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
810 \gdef\thesis@czech@thanksTitle{Poděkování}
811 \gdef\thesis@czech@declarationTitle{Prohlášení}
812 \gdef\thesis@czech@summaryTitle{Resumé}
813 \gdef\thesis@czech@idTitle{ID}
814 \gdef\thesis@czech@typeName@sempaper{Seminární práce}
815 \gdef\thesis@czech@typeName@bachelors{Bakalářská práce}
816 \gdef\thesis@czech@typeName@masters{Diplomová práce}
817 \gdef\thesis@czech@typeName@proposal{Teze závěrečné práce}
818 \gdef\thesis@czech@typeName@doctoral{Disertační práce}
819 \gdef\thesis@czech@typeName@rigorous{Rigorózní práce}
820 \gdef\thesis@czech@typeName{%
821   \ifx\thesis@type\thesis@sempaper
822     \thesis@czech@typeName@sempaper
823   \else\ifx\thesis@type\thesis@bachelors
824     \thesis@czech@typeName@bachelors
825   \else\ifx\thesis@type\thesis@masters
826     \thesis@czech@typeName@masters
827   \else\ifx\thesis@type\thesis@proposal
828     \thesis@czech@typeName@proposal
829   \else\ifx\thesis@type\thesis@doctoral
830     \thesis@czech@typeName@doctoral
831   \else\ifx\thesis@type\thesis@rigorous
832     \thesis@czech@typeName@rigorous
833   \else
834     <<Neznámý typ práce (\thesis@type)>>%
835   \fi\fi\fi\fi\fi}
836 \gdef\thesis@czech@typeName@akuzativ@sempaper{Seminární práci}
837 \gdef\thesis@czech@typeName@akuzativ@bachelors{Bakalářskou práci}
838 \gdef\thesis@czech@typeName@akuzativ@masters{Diplomovou práci}
839 \gdef\thesis@czech@typeName@akuzativ@proposal{Tezi závěrečné práce}
840 \gdef\thesis@czech@typeName@akuzativ@doctoral{Disertační práci}
841 \gdef\thesis@czech@typeName@akuzativ@rigorous{Rigorózní práci}
842 \gdef\thesis@czech@typeName@akuzativ{%
843   \ifx\thesis@type\thesis@sempaper
844     \thesis@czech@typeName@akuzativ@sempaper
845   \else\ifx\thesis@type\thesis@bachelors
846     \thesis@czech@typeName@akuzativ@bachelors
847   \else\ifx\thesis@type\thesis@masters
848     \thesis@czech@typeName@akuzativ@masters
849   \else\ifx\thesis@type\thesis@proposal
850     \thesis@czech@typeName@akuzativ@proposal
851   \else\ifx\thesis@type\thesis@doctoral
852     \thesis@czech@typeName@akuzativ@doctoral
853   \else\ifx\thesis@type\thesis@rigorous
854     \thesis@czech@typeName@akuzativ@rigorous
855   \else
856     <<Neznámý typ práce (\thesis@type)>>%
857   \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.

```
858 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2017/07/09]
859
860 % Zástupné texty
861 \gdef\thesis@czech@universityName{Masarykova univerzita}
862 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
863 \thesis@lower{czech@typeName@akuzativ} zpracoval%
864 \thesis@czech@gender@koncovka\ samostatně a~%
865 použil\thesis@czech@gender@koncovka\ jen prameny
866 uvedené v~seznamu literatury.}

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

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

887 \gdef\thesis@czech@bib@programme{Studijní program}
888 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
889 \gdef\thesis@czech@bib@academicYear{Akademický rok}
890 \gdef\thesis@czech@bib@pages{Počet stran}
891 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle
892
893 % Různé
894 \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.

```
895 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
896
897 % Různé
898 \gdef\thesis@czech@abstractTitle{Abstrakt}
899
```

```

900 % Zástupné texty
901 \gdef\thesis@czech@facultyName{Právnická fakulta}
902 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
903 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.

```

904 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2017/05/15]
905
906 % Zástupné texty
907 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
908 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
909 \thesis@lower{czech@typeName@akuzativ} vypracoval%
910 \thesis@czech@gender@koncovka\ samostatně a~na základě
911 literatury a~pramenů uvedených v~použitých zdrojích.}
912
913 % Různé
914 \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.

```

915 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2016/05/25]
916
917 % Zástupné texty
918 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
919 \gdef\thesis@czech@assignment{%
920 \ifthesis@digital@
921   Na tomto místě se v~tištěné práci nachází oficiální podepsané
922   zadání práce, prohlášení autora školního díla nebo obojí.
923 \else
924   Místo tohoto listu vložte kopie oficiálního podepsaného zadání
925   práce nebo prohlášení autora školního díla nebo obojí
926   v~závislosti na požadavcích příslušné katedry.
927 \fi}
928

```

#### 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.

```

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

```

```

930
931 % Zástupné texty
932 \gdef\thesis@czech@facultyName{Ekonomicko-správní fakulta}
933
934 % Různé
935 \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.

```

936 \thesis@def@extra{advisorCsGenitiv}
937 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
938 \thesis@lower{czech@typeName@akuzativ} \thesis@title{} zpracoval%
939 \thesis@czech@gender@koncovka\ samostatně pod vedením
940 \thesis@extra@advisorCsGenitiv\
941 a~uvvedl\thesis@czech@gender@koncovka\ v~ní všechny
942 odborné zdroje v~souladu s~právními předpisy, vnitřními
943 předpisy Masarykovy univerzity a~vnitřními akty řízení
944 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.

```

945 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2016/03/23]
946
947 % Zástupné texty
948 \gdef\thesis@czech@facultyName{Lékařská fakulta}
949
950 % Různé
951 \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.

```

952 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2021/02/26]
953
954 % Zástupné texty
955 \gdef\thesis@czech@facultyName{Fakulta informatiky}
956 \gdef\thesis@czech@assignment{%
957 \ifthesis@digitale
958   Na tomto místě se v~tištěné práci nachází oficiální podepsané
959   zadání práce a~prohlášení autora školního díla.
960 \else
961   Místo tohoto listu vložte kopie oficiálního podepsaného zadání

```

```

962 práce a~prohlášení autora školního díla.
963 \fi}
964 \gdef\thesis@czech@declaration{%
965 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
966 původním autorským dílem, které jsem vypracoval%
967 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
968 prameny a~literaturu, které jsem při vypracování
969 používal\thesis@czech@gender@koncovka\ nebo z~nich
970 čerpal\thesis@czech@gender@koncovka, v~práci řádně cituji
971 s~uvedením úplného odkazu na příslušný zdroj.}
972
973 % Ostatní
974 \gdef\thesis@czech@typeName@proposal{Teze disertační práce}
975 \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.

```

976 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/03/22]
977
978 % Zástupné texty
979 \gdef\thesis@czech@facultyName{Filozofická fakulta}
980 \gdef\thesis@czech@departmentName{%
981 \ifx\thesis@department\thesis@departments@kisk
982 Kabinet informačních studií a knihovnictví%
983 \else
984 <<Neznámé oddělení (\thesis@department)>>%
985 \fi}
986 \gdef\thesis@czech@declaration{%
987 \ifx\thesis@department\thesis@departments@kisk
988 Prohlašuji, že jsem předkládanou práci zpracoval%
989 \thesis@czech@gender@koncovka\ samostatně a~použil%
990 \thesis@czech@gender@koncovka\ jen uvedené prameny a~%
991 literaturu. Současně dávám svolení k~tomu, aby elektronická
992 verze této práce byla zpřístupněna přes informační systém
993 Masarykovy univerzity.%
994 \else
995 Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
996 vypracoval\thesis@czech@gender@koncovka\ samostatně s~vyžitím
997 uvedené literatury.%
998 \fi}
999
1000 % Ostatní
1001 \global\let\thesis@czech@typeName@super
1002 \thesis@czech@typeName
1003 \gdef\thesis@czech@typeName{%
1004 \ifx\thesis@type\thesis@bachelors
1005 Bakalářská diplomová práce%

```

```

1006 \else\ifx\thesis@type\thesis@masters
1007     Magisterská diplomová práce%
1008 \else
1009     \thesis@czech@typeName@super
1010 \fi\fi}
1011
1012 \global\let\thesis@czech@typeName@akuzativ@super
1013     \thesis@czech@typeName@akuzativ
1014 \gdef\thesis@czech@typeName@akuzativ{%
1015     \ifx\thesis@type\thesis@bachelors
1016         Diplomovou práci%
1017     \else\ifx\thesis@type\thesis@masters
1018         Diplomovou práci%
1019     \else
1020         \thesis@czech@typeName@akuzativ@super
1021     \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.

```

1022 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2017/10/28]
1023
1024 % Zástupné texty
1025 \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.

```

1026 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2017/06/02]
1027
1028 % Zástupné texty
1029 \gdef\thesis@czech@facultyName{Přirodovědecká fakulta}
1030
1031 % Ostatní
1032 \gdef\thesis@czech@abstractTitle{Abstrakt}
1033 \gdef\thesis@czech@declaration{%
1034     Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
1035     akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
1036     statně s~využitím informačních zdrojů, které jsou v~práci
1037     citovány.}
1038

```

### 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.

```
1039 \ProvidesFile{fithesis/locale/mu/pharm/fithesis-czech.def}[2021/03/26]
1040
1041 % Zástupné texty
1042 \gdef\thesis@czech@facultyName{Farmaceutická fakulta}
1043
1044 % Ostatní
1045 \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.

```
1046 \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.

```
1047
1048 % Pomocná makrá
1049 \gdef\thesis@slovak@gender@koncovka{%
1050   \ifthesis@woman a\fi}
1051
1052 % Csquotes štýl
1053 \gdef\thesis@slovak@csquotesStyle{german}
1054
1055 % Zástupné texty
1056 \gdef\thesis@slovak@universityName{Názov univerzity}
1057 \gdef\thesis@slovak@facultyName{Názov fakulty}

1058 \gdef\thesis@slovak@assignment{%
1059   Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1060   podpísané zadanie práce.}
1061 \gdef\thesis@slovak@declaration{Text vyhlásenie ...}
1062
1063 % Časové údaje
1064 \gdef\thesis@slovak@spring{jar}
1065 \gdef\thesis@slovak@fall{jeseň}
1066 \gdef\thesis@slovak@semester{%
1067   \thesis@slovak@\thesis@season} \thesis@seasonYear}
1068 \gdef\thesis@slovak@formattedDate{%
1069   \thesis@day.
1070   \newcount\@month\expandafter\@month\thesis@month\relax
1071   \ifnum\@month=1%
```



```

1072     januára
1073     \else\ifnum \@month=2%
1074     februára
1075     \else\ifnum \@month=3%
1076     marca
1077     \else\ifnum \@month=4%
1078     apríla
1079     \else\ifnum \@month=5%
1080     mája
1081     \else\ifnum \@month=6%
1082     júna
1083     \else\ifnum \@month=7%
1084     júla
1085     \else\ifnum \@month=8%
1086     augusta
1087     \else\ifnum \@month=9%
1088     septembra
1089     \else\ifnum \@month=10%
1090     októbra
1091     \else\ifnum \@month=11%
1092     novembra
1093     \else\ifnum \@month=12%
1094     decembra
1095     \else
1096     <<neznámy mesiac (\the \@month)>>
1097     \fi\fi\fi\fi\fi\fi
1098     \fi\fi\fi\fi\fi\fi
1099     \thesis@year}}
1100
1101 % Rôzne
1102 \gdef\thesis@slovak@authorSignature{%
1103     Podpis autor\ifthesis@woman ky\else a\fi}
1104 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
1105 \gdef\thesis@slovak@fieldTitle{Odbor}
1106 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
1107 \gdef\thesis@slovak@authorTitle{Autor}
1108 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
1109 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
1110 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
1111 \gdef\thesis@slovak@declarationTitle{Vyhlásenie}
1112 \gdef\thesis@slovak@summaryTitle{Resumé}
1113 \gdef\thesis@slovak@idTitle{ID}
1114 \gdef\thesis@slovak@typeName@sempaper{Seminárna práca}
1115 \gdef\thesis@slovak@typeName@bachelors{Bakalárska práca}
1116 \gdef\thesis@slovak@typeName@masters{Diplomová práca}
1117 \gdef\thesis@slovak@typeName@proposal{Tézy záverečnej práce}
1118 \gdef\thesis@slovak@typeName@doctoral{Dizertačná práca}
1119 \gdef\thesis@slovak@typeName@rigorous{Rigorózna práca}
1120 \gdef\thesis@slovak@typeName{%
1121     \ifx\thesis@type\thesis@sempaper
1122     \thesis@slovak@typeName@sempaper
1123     \else\ifx\thesis@type\thesis@bachelors
1124     \thesis@slovak@typeName@bachelors

```

```

1125 \else\ifx\thesis@type\thesis@masters
1126   \thesis@slovak@typeName@masters
1127 \else\ifx\thesis@type\thesis@proposal
1128   \thesis@slovak@typeName@proposal
1129 \else\ifx\thesis@type\thesis@doctoral
1130   \thesis@slovak@typeName@doctoral
1131 \else\ifx\thesis@type\thesis@rigorous
1132   \thesis@slovak@typeName@rigorous
1133 \else
1134   <<Neznámy typ práce (\thesis@type)>>%
1135   \fi\fi\fi\fi\fi\fi}
1136 \gdef\thesis@slovak@typeName@akuzativ@sempaper{Seminárnu prácu}
1137 \gdef\thesis@slovak@typeName@akuzativ@bachelors{Bakalársku prácu}
1138 \gdef\thesis@slovak@typeName@akuzativ@masters{Diplomovú prácu}
1139 \gdef\thesis@slovak@typeName@akuzativ@proposal{Tézy záverečnej práce}
1140 \gdef\thesis@slovak@typeName@akuzativ@doctoral{Dizertačnú prácu}
1141 \gdef\thesis@slovak@typeName@akuzativ@rigorous{Rigoróznú prácu}
1142 \gdef\thesis@slovak@typeName@akuzativ{%
1143   \ifx\thesis@type\thesis@sempaper
1144     \thesis@slovak@typeName@akuzativ@sempaper
1145   \else\ifx\thesis@type\thesis@bachelors
1146     \thesis@slovak@typeName@akuzativ@bachelors
1147   \else\ifx\thesis@type\thesis@masters
1148     \thesis@slovak@typeName@akuzativ@masters
1149   \else\ifx\thesis@type\thesis@proposal
1150     \thesis@slovak@typeName@akuzativ@proposal
1151   \else\ifx\thesis@type\thesis@doctoral
1152     \thesis@slovak@typeName@akuzativ@doctoral
1153   \else\ifx\thesis@type\thesis@rigorous
1154     \thesis@slovak@typeName@akuzativ@rigorous
1155   \else
1156     <<Neznámy typ práce (\thesis@type)>>%
1157   \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.

```

1158 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2018/02/11]
1159
1160 % Zástupné texty
1161 \gdef\thesis@slovak@universityName{Masarykova univerzita}
1162 \gdef\thesis@slovak@declaration{%
1163   Vyhlasujem, že som predloženú \thesis@lower{%
1164     slovak@typeName@akuzativ} vypracoval%
1165   \thesis@slovak@gender@koncovka\ samostatne len s~použitím
1166   uvedenej literatúry a prameňov.}
1167 \gdef\thesis@slovak@assignment{%
1168   \ifthesis@blocks@assignment@hideIfDigital@
1169     \ifthesis@digital@
1170     Na tomto mieste sa v~tlačenej práci nachádza oficiálne

```

```

1171     podpísané zadanie práce.
1172     \else
1173     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1174     zadania práce.
1175     \fi
1176     \else
1177     Nastavte pomocou klúča <<assignment>> názov súboru PDF
1178     s~oficiálnym podpísaným zadáním práce.
1179     \fi}
1180
1181 % Bibliografický záznam
1182 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
1183 \gdef\thesis@slovak@bib@pages{str}

1184 \global\let\thesis@slovak@bib@author\thesis@slovak@authorTitle
1185 \gdef\thesis@slovak@bib@thesisTitle{Názov práce}
1186 \global\let\thesis@slovak@bib@advisor\thesis@slovak@advisorTitle

1187 \gdef\thesis@slovak@bib@programme{Študijný program}
1188 \global\let\thesis@slovak@bib@field\thesis@slovak@fieldTitle
1189 \gdef\thesis@slovak@bib@academicYear{Akademický rok}
1190 \gdef\thesis@slovak@bib@pages{Počet strán}
1191 \global\let\thesis@slovak@bib@keywords\thesis@slovak@keywordsTitle
1192
1193 % Rôzne
1194 \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.

```

1195 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
1196
1197 % Rôzne
1198 \gdef\thesis@slovak@abstractTitle{Abstrakt}
1199
1200 % Zástupné texty
1201 \gdef\thesis@slovak@facultyName{Právnická fakulta}
1202 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
1203 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.

```

1204 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2017/05/15]
1205
1206 % Zástupné texty

```

```

1207 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
1208 \gdef\thesis@slovak@declaration{%
1209   Vyhlasujem, že som \thesis@lower{%
1210     slovak@typeName@akuzativ} vypracoval%
1211     \thesis@slovak@gender@koncovka\ samostatne a~na základe
1212     literatúry a~prameňov uvedených v~použitých zdrojoch.}
1213
1214 % Rôzne
1215 \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.

```

1216 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2016/05/25]
1217
1218 % Zástupné texty
1219 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
1220 \gdef\thesis@slovak@assignment{%
1221   \ifthesis@digital@
1222     Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1223     podpísané zadanie práce alebo vyhlásenie autora školského
1224     diela alebo obidve.
1225   \else
1226     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1227     zadania práce alebo vyhlásenie autora školského diela alebo
1228     obidve v~závislosti na požiadavkách príslušnej katedry.
1229   \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.

```

1230 \ProvidesFile{fithesis/locale/mu/econ/fithesis-slovak.def}[2017/07/09]
1231
1232 % Zástupné texty
1233 \gdef\thesis@slovak@facultyName{Ekonomicko-správna fakulta}
1234
1235 % Rôzne
1236 \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.

```

1237 \thesis@def@extra{advisorSkGenitiv}
1238 \gdef\thesis@slovak@declaration{Vyhlasujem, že som
1239   \thesis@lower{slovak@typeName@akuzativ} \thesis@title{} spracoval%

```

```

1240 \thesis@slovak@gender@koncovka\ samostatne pod vedením
1241 \thesis@extra@advisorSkGenitiv\
1242 a~uvied\ifthesis@woman la\else ol\fi\ v~nej všetky
1243 odborné zdroje v~súlade s~správnymi predpismi, vnútornými
1244 predpismi Masarykovej univerzity a~vnútornými aktmi riadenia
1245 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.

```

1246 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2016/03/23]
1247
1248 % Zástupné texty
1249 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
1250
1251 % Rôzne
1252 \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.

```

1253 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2021/02/26]
1254
1255 % Zástupné texty
1256 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
1257 \gdef\thesis@slovak@assignment{%
1258   \ifthesis@digital@
1259     Na tomto mieste sa v~tlačenej práci nachádza oficiálne
1260     podpísané zadanie práce a vyhlásenie autora školského diela.
1261   \else
1262     Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1263     zadania práce a vyhlásenie autora školského diela.
1264   \fi}
1265 \gdef\thesis@slovak@declaration{%
1266   Vyhlasujem, že táto \thesis@lower{slovak@typeName} je mojím
1267   pôvodným autorským dielom, ktoré som vypracoval%
1268   \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
1269   pramene a literatúru, ktoré som pri vypracovaní
1270   používal\thesis@slovak@gender@koncovka\ alebo z~nich
1271   čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
1272   s~uvedením úplného odkazu na príslušný zdroj.}
1273
1274 % Rôzne
1275 \gdef\thesis@slovak@typeName@proposal{Tézy dizertačnej práce}
1276 \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.

```
1277 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/03/22]
1278
1279 % Zástupné texty
1280 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
1281 \gdef\thesis@slovak@departmentName{%
1282   \ifx\thesis@department\thesis@departments@kisk
1283     Kabinet informačných štúdií a knihovníctva%
1284   \else
1285     <<Neznáme oddelenie (\thesis@department)>>%
1286   \fi}
1287 \gdef\thesis@slovak@declaration{%
1288   \ifx\thesis@department\thesis@departments@kisk
1289     Vyhlasujem, že som predkladanú prácu spracoval%
1290     \thesis@slovak@gender@koncovka\ samostatne~a použil%
1291     \thesis@slovak@gender@koncovka\ len uvedené pramene~a
1292     literatúru. Súčasne dávam súhlas k~tomu, aby elektronická
1293     verzia tejto práce bola sprístupnená cez informačný
1294     systém Masarykovej univerzity.%
1295   \else
1296     Vyhlasujem, že som predloženú \thesis@lower{%
1297     slovak@typeName@akuzativ} vypracoval%
1298     \thesis@slovak@gender@koncovka\ samostatne na základe vlastných
1299     zistení a len s~použitím uvedenej literatúry a prameňov.%
1300   \fi}
1301
1302 % Rôzne
1303 \global\let\thesis@slovak@typeName@super
1304   \thesis@slovak@typeName
1305 \gdef\thesis@slovak@typeName{%
1306   \ifx\thesis@type\thesis@bachelors
1307     Bakalárska diplomová práca%
1308   \else\ifx\thesis@type\thesis@masters
1309     Magisterská diplomová práca%
1310   \else
1311     \thesis@slovak@typeName@super
1312   \fi\fi}
1313
1314 \global\let\thesis@slovak@typeName@akuzativ@super
1315   \thesis@slovak@typeName@akuzativ
1316 \gdef\thesis@slovak@typeName@akuzativ{%
1317   \ifx\thesis@type\thesis@bachelors
1318     Diplomovú prácu%
1319   \else\ifx\thesis@type\thesis@masters
1320     Diplomovú prácu%
1321   \else
```

```
1322 \thesis@slovak@typeName@akuzativ@super
1323 \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.

```
1324 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2017/06/02]
1325
1326 % Zástupné texty
1327 \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.

```
1328 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2017/05/21]
1329
1330 % Zástupné texty
1331 \gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}
1332
```

#### 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.

```
1333 \ProvidesFile{fithesis/locale/mu/pharm/fithesis-slovak.def}[2021/03/26]
1334
1335 % Zástupné texty
1336 \gdef\thesis@slovak@facultyName{Farmaceutická fakulta}
1337
1338 % Rôzne
1339 \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.

```
1340 \NeedsTeXFormat{LaTeX2e}
1341 \ProvidesPackage{fithesis/style/fithesis-base}[2018/02/11]

1342 \DeclareRobustCommand\em
1343     {\@nomath\em \ifdim \fontdimen\@ne\font >\z@
1344         \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.

```
1345 \ProvidesPackage{fithesis/style/mu/fithesis-mu-base}[2024/03/06]
1346 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

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

```
1347     \DeclareOption{10pt}{\def\thesis@ptsize{0}}
1348     \DeclareOption{11pt}{\def\thesis@ptsize{1}}
1349     \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@`

```
1350     \newif\ifthesis@twoside@
1351     \DeclareOption{oneside}{%
```



```

1352     \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
1353     \DeclareOption{twoside}{%
1354     \thesis@twoside@true \@twosidettrue \@mparswitchtrue}

```

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

```

1355     \DeclareOption{onecolumn}{\@twocolumnfalse}
1356     \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.

```

1357     \DeclareOption{draft}{\setlength\overfullrule{5pt}}
1358     \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.

```

1359     \newif\ifthesis@palatino@
1360     \DeclareOption{palatino}{\thesis@palatino@true}
1361     \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.

```

1362     \newif\ifthesis@neuehaas@
1363     \DeclareOption{neuehaas}{\thesis@neuehaas@true}
1364     \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.

```

1365     \newif\ifthesis@color@
1366     \DeclareOption{monochrome}{\thesis@color@false}
1367     \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.

```

1368     \newif\ifthesis@colorbold@
1369     \DeclareOption{colorbold}{\thesis@colorbold@true}
1370     \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.

```
1371 \newif\ifthesis@microtype@
1372 \DeclareOption{microtype}{\thesis@microtype@true}
1373 \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.

```
1374 \newif\ifthesis@sansbold@
1375 \DeclareOption{sansbold}{\thesis@sansbold@true}
1376 \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.

```
1377 \newif\ifthesis@newtable@
1378 \DeclareOption{table}{\thesis@newtable@true}
1379 \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.

```
1380 \DeclareOption{nolot}{\let\thesis@blocks@lot\relax}
1381 \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.

```
1382 \DeclareOption{nolof}{\let\thesis@blocks@lof\relax}
1383 \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.

```
1384 \newif\ifthesis@cover@
1385 \DeclareOption{nocover}{\thesis@cover@false}
1386 \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.

`\ifthesis@digital@`

```

1387 \newif\ifthesis@digital@
1388 \DeclareOption{digital}{%
1389   \ExecuteOptions{color,cover,colorbold}%
1390   \thesis@digital@true}
1391 \DeclareOption{printed}{%
1392   \ExecuteOptions{monochrome,nocover,nocolorbold}%
1393   \thesis@digital@false}

```

These are the default options:

```

1394 \ExecuteOptions{%
1395   printed,12pt,twoside,final,microtype,sansbold,palatino,neuehaas,oldtable,lot,lof}
1396 \ProcessOptions*

```

The file uses English locale strings within the macros.

```
1397 \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.

```

1398 \thesis@require{xcolor}
1399 \RequirePackage[labelfont=bf]{caption}
1400 \thesis@require{graphicx}
1401 \thesis@require{pdfpages}
1402 \thesis@require{keyval}
1403 \thesis@require{ifxetex}
1404 \thesis@require{ifluatex}
1405 \thesis@require{tabularx}

```

```

1406 \thesis@require{tabu}
1407 \thesis@require{booktabs}
1408 \thesis@require{tikz}

```

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

```

1409 \ifthesis@microtype@
1410 \thesis@require[final,babel,nopatch=item]{microtype}
1411 \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.

```

1412 {\let\x\expandafter
1413 \x\global\x\let\x\ifthesis@xeluatex\csname if%
1414 \ifxetex true\else
1415 \ifluatex\x\x t\x\x r\x\x u\x\x e%
1416 \else f\x\x a\x\x l\x\x s\x\x e%
1417 \fi
1418 \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.

```

1419 \ifthesis@xeluatex
1420 \ifthesis@palatino@
1421 \thesis@require{fontspec}
1422 \thesis@require{unicode-math}
1423 \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
1424 \setmathfont[math-style=ISO,bold-style=ISO]{texgyrepagella-math.otf}
1425 \fi
1426 \ifthesis@neuehaas@
1427 \thesis@require{fontspec}
1428 \setsansfont[Ligatures=TeX,Scale=MatchLowercase]{TeX Gyre Heros}
1429 \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.

```

1430 \else
1431   \ifthesis@palatino@
1432     \RequirePackage[resetfonts]{cmap}
1433     \thesis@require{lmodern}
1434     \thesis@require{mathpazo}
1435     \thesis@require{tgpagella}
1436     \RequirePackage[T1]{fontenc}
1437   \fi
1438   \ifthesis@neuehaas@
1439     \thesis@require[scale=0.863]{tgheros}
1440     \RequirePackage[T1]{fontenc}
1441   \fi
1442 \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.

```

1443 \let\thesis@newtable@old\tabular
1444 \let\endthesis@newtable@old\endtabular
1445 \ifthesis@newtable@
1446   % Adjust the measurements.
1447   \setlength{\aboverulesep}{0pt}
1448   \setlength{\belowrulesep}{0pt}
1449   \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
1450 \ifthesis@color@
1451   % The redefinition of `tabular`
1452   \renewenvironment{tabular}%
1453     {\rowcolors{1}{thesis@color@tableOdd}%
1454      {thesis@color@tableEven}%
1455      \thesis@newtable@old}%
1456     {\endthesis@newtable@old}
1457   % The redefinition of `tabularx`
1458   \let\thesis@newtable@oldx\tabularx
1459   \let\endthesis@newtable@oldx\endtabularx
1460   \renewenvironment{tabularx}%
1461     {\rowcolors{1}{thesis@color@tableEven}%
1462      {thesis@color@tableOdd}%
1463      \thesis@newtable@oldx}%
1464     {\endthesis@newtable@oldx}
1465   % The redefinition of `tabu`
1466   \let\thesis@newtable@oldtabu\tabu
1467   \let\endthesis@newtable@oldtabu\endtabu
1468   \renewenvironment{tabu}%

```

```

1469     {\rowcolors{1}{thesis@color@tableEven}%
1470              {thesis@color@tableOdd}%
1471     \thesis@newtable@oldtabu}%
1472     {\endthesis@newtable@oldtabu}
1473 \fi
1474 \fi

```

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

```

1475 \newif\ifthesis@bibliography@
1476 \thesis@bibliography@false
1477 \ifx\thesis@bibFiles\undefined\else
1478   {\edef\@bibList{\thesis@bibFiles}%
1479   \ifx\@bibList\empty\else
1480     \global\thesis@bibliography@true
1481   \fi}
1482 \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.

```

1483 \def\thesis@bibliography@setup#1{%
1484   \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).

```

1485 \define@key{thesis@bibliography}{style}{%
1486   \ifx\thesis@bibliography@style\undefined
1487     \def\thesis@bibliography@style{#1}%
1488   \fi}
1489 \define@key{thesis@bibliography}{sorting}{%
1490   \ifx\thesis@bibliography@sorting\undefined
1491     \def\thesis@bibliography@sorting{#1}%
1492   \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.

```

1493 \thesis@def@extra[]{bibliography}
1494 \ifx\thesis@extra@bibliography
1495   \thesis@placeholder@extra@bibliography\else
1496   \expandafter\thesis@bibliography@setup\expandafter{%
1497     \thesis@extra@bibliography}%
1498 \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.

```

1499 \newif\ifthesis@bibliography@loaded@
1500 \thesis@bibliography@loaded@false
1501 \newif\ifthesis@bibliography@included@
1502 \thesis@bibliography@included@false
1503 \def\thesis@bibliography@load{%
1504   \ifthesis@bibliography@
1505     \ifthesis@bibliography@loaded@\else
1506       \thesis@bibliography@loaded@true
1507       % Load csquotes and BibLaTeX.
1508       \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`.

```

1509   \thesis@bibliography@setup{
1510     style = iso-numeric,
1511     sorting = none}
1512   % FIXME: This is a hotfix for biblatex.
1513   % It should be removed after v3.17 has been released.
1514   % See https://tex.stackexchange.com/a/581469/70941.
1515   \thesis@require{expl3}
1516   \thesis@require[
1517     backend=biber,
1518     style=\thesis@bibliography@style,
1519     sorting=\thesis@bibliography@sorting,
1520     autolang=other,
1521     sortlocale=auto]{biblatex}
1522   % Load the bibliography databases.
1523   {\edef\@bibList{\thesis@bibFiles}%
1524   \def\@inject##1,{%
1525     \def\@args{##1}\def\@relax{\relax}%
1526     \ifx\@args\@relax\else
1527       % Trim leading spaces.
1528       \edef\@trimmed{\romannumeral-`\.\.##1}%
1529       \addbibresource\@trimmed
1530       \expandafter\@inject\fi}%
1531     \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.

```

1532   \let\thesis@printbibliography@old\printbibliography
1533   \def\printbibliography{%
1534     \global\thesis@bibliography@included@true
1535     \thesis@printbibliography@old}
1536   \fi

```

```
1537 \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.

```
1538 \thesis@require{hyperref}
1539 \ifthesis@digital@
1540 \hypersetup{pdfborderstyle={/S/U/W 1}}
1541 \else
1542 \hypersetup{hidelinks}
1543 \fi
```

Clubs and widows are set to be infinitely bad.

```
1544 \widowpenalty 10000
1545 \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.

```
1546 \def\thesis@color@setup#1{%
1547 \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.

```
1548 \define@key{thesis@color}{links}{%
1549 \definecolor{thesis@color@links}#1
1550 \hypersetup{linkbordercolor=thesis@color@links}}
1551 \define@key{thesis@color}{secondary}{%
1552 \definecolor{thesis@color@secondary}#1}
1553 \thesis@color@setup{secondary={RGB}{0, 0, 220}}
1554 \define@key{thesis@color}{tableOdd}{%
1555 \definecolor{thesis@color@tableOdd}#1}
1556 \define@key{thesis@color}{tableEven}{%
1557 \definecolor{thesis@color@tableEven}#1}
1558 \define@key{thesis@color}{tableEmph}{%
1559 \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.

```
1560 \let\thesis@bfseries@old\bfseries
1561 \def\bfseries{%
1562   \ifthisissansbold@\sffamily\fi
1563   \ifthisiscolor@\ifthisiscolorbold@\color{thesis@color@secondary}\fi\fi
1564   \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.

```
1565 \def\thesis@blocks@coverMatter{%
1566   \pagenumbering{gobble}}
```

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

```
1567 \def\thesis@blocks@frontMatter{%
1568   \thesis@blocks@clear
1569   \pagestyle{plain}
1570   \parindent 1.5em
1571   \setcounter{page}{1}
1572   \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.

```
1573 % \begin{macrocode}
1574 \def\thesis@blocks@clear{%
1575   \ifthisistwoside@
1576     \clearpage
1577     \ifodd\value{page}\else%
1578       \thispagestyle{empty}%
1579       \hbox{}%
1580       \newpage
1581     \fi
1582   \else
1583     \newpage
1584   \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.

```
1585 \def\thesis@blocks@clearRight{%
1586   \ifthisistwoside@
1587     \clearpage
1588     \ifodd\value{page}%
1589       \thispagestyle{empty}%
1590       \hbox{}%
1591     \newpage
1592   \fi}
```

```

1593 \else
1594 \newpage
1595 \fi}

```

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

```

1596 \newcommand{\thesis@blocks@logo}[2]{%
1597 \let\@logowidth\relax\newlength\@logowidth
1598 \let\@logoheight\relax\newlength\@logoheight
1599 \settowidth\@logowidth{\includegraphics[#2]{#1}}%
1600 \settoheight\@logoheight{\includegraphics[#2]{#1}}%
1601 \def\@maxwidth##1{\ifdim\@logowidth>##1 ##1\else\@logowidth\fi}
1602 \def\@maxheight##1{\ifdim\@logoheight>##1 ##1\else\@logoheight\fi}
1603 \includegraphics[width=\@maxwidth{6.3cm}, height=\@maxheight{4cm},
1604 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`.

```

1605 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
1606 [scale=0.95]{%
1607 \edef\@path{\thesis@logopath\thesis@facultyLogo}%
1608 \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`.

```

1609 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1610 [scale=0.95]{%
1611 \edef\@path{\thesis@logopath\thesis@facultyLogo
1612 \ifthesis@color@-color\fi}%
1613 \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`.

```

1614 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1615 [scale=0.9]{%
1616 \edef\@path{\thesis@logopath\thesis@universityLogo}%
1617 \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`.

```

1618 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1619 [scale=0.9]{%
1620 \edef\@path{\thesis@logopath\thesis@universityLogo
1621 \ifthesis@color@-color\fi}%
1622 \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.

```
1623 \let\thesis@department@name\thesis@department
1624 \let\thesis@departmentEn@name\thesis@departmentEn
1625 \let\thesis@field@name\thesis@field
1626 \let\thesis@fieldEn@name\thesis@fieldEn
```

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

```
1627 \def\thesis@blocks@cover{%
1628   \ifthesis@cover@
1629     \thesis@blocks@clear
1630     \begin{alwaysingle}%
1631       \colorlet{thesis@color@secondary}{black}%
1632       \thispagestyle{empty}%
1633       \begin{center}%
1634         \thesis@blocks@universityLogo@monochrome\par
1635         \vspace{0.75cm}%
1636         {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
1637         \vfill

1638         \begingroup
1639         \thesis@colorbold@true
1640         {\sffamily\bfseries\thesis@titlePage@Huge\thesis@TeXtitle\par}%
1641         \endgroup
1642         \vspace{1.5cm}%
1643         {\sf\thesis@titlePage@Large\thesis@@{typeName}\par}%
1644         \vspace{1.5cm}%
1645         {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
1646         \vfill\vfill\vfill\vfill
1647         {\sf\thesis@titlePage@large\thesis@place, \thesis@@{semester}\par}%
1648         \end{center}%
1649     \end{alwaysingle}%
1650   \fi}
```

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

```
1651 \def\thesis@blocks@advisorSignature{%
1652   \let\@A\relax\newlength{\@A}
1653   \settowidth{\@A}{\thesis@@{advisorSignature}}
1654   \setlength{\@A}{\@A+1cm}
1655   \hfill\raisebox{-0.5em}{\parbox{\@A}{
1656     \centering
1657     \rule{\@A}{1pt}\
1658     \thesis@@{advisorSignature}
1659   }}}
```

`\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.

```

1660 \newif\ifthesis@blocks@titlePage@department@
1661 \thesis@blocks@titlePage@department@true
1662 \newif\ifthesis@blocks@titlePage@field@
1663 \thesis@blocks@titlePage@field@true
1664 \newif\ifthesis@blocks@titlePage@programme@
1665 \thesis@blocks@titlePage@programme@true
1666
1667 \def\thesis@blocks@titlePage{%
1668   \thesis@blocks@clear
1669   \begin{alwaysingle}%
1670     \thispagestyle{empty}%
1671     \begin{center}%
1672       \thesis@blocks@universityLogo@color
1673       \par\vspace{0.75cm}%
1674       {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
1675       \vfill
1676       \begin{group}
1677         \thesis@colorbold@true
1678         {\sffamily\bfseries\thesis@titlePage@Huge\thesis@TeXtitle\par}%
1679       \end{group}
1680       \vspace{1.5cm}%
1681       {\sf\thesis@titlePage@Large\thesis@@{typeName}\par}%
1682       \vspace{1.5cm}%
1683
1684       {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
1685       \vfill\vfill
1686       {\sf\thesis@titlePage@large\thesis@@{advisorTitle}: \thesis@advisor\par}%
1687       \vspace{0.75cm}%
1688       \ifthesis@blocks@titlePage@department@
1689         {\sf\thesis@titlePage@large\thesis@department@name\par}%
1690       \fi
1691       \ifthesis@blocks@titlePage@programme@
1692         \vspace{0.25cm}%
1693       {\sf\thesis@titlePage@large\thesis@@{bib@programme}: \thesis@programme\par}%
1694       \fi
1695       \ifthesis@blocks@titlePage@field@
1696         \ifx\thesis@field\empty\else
1697         \vspace{0.25cm}%
1698       {\sf\thesis@titlePage@large\thesis@@{fieldTitle}: \thesis@field@name\par}%

```

```

1698     \fi
1699     \fi
1700     \vfill
1701     {\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.

```

1702     \ifx\thesis@type\thesis@rigorous
1703         \thesis@blocks@advisorSignature
1704     \else\ifx\thesis@type\thesis@proposal
1705         \thesis@blocks@advisorSignature
1706     \fi\fi\par}%
1707     \end{center}%
1708     \end{alwaysssingle}}

```

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

```

1709 \def\thesis@blocks@seal{%
1710   \thesis@blocks@clear
1711   \begin{alwaysssingle}%
1712     \thispagestyle{empty}%
1713     \begin{center}%
1714       \leavevmode
1715       \par\vfill
1716       \thesis@blocks@facultyLogo@color
1717       \par\vfill\vfill\vfill\vfill
1718     \end{center}%
1719   \end{alwaysssingle}}

```

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

```

1720 \def\thesis@blocks@toc{%
1721   \thesis@blocks@clear
1722   \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.

```

1723 \def\thesis@blocks@tables{%
1724   \thesis@blocks@toc
1725   \thesis@blocks@lot
1726   \thesis@blocks@lof}

```

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

```

1727 \def\thesis@blocks@declaration{%
1728   \thesis@blocks@clear
1729   \begin{alwaysssingle}%
1730     \chapter*{\thesis@{declarationTitle}}%
1731     \thesis@declaration
1732     \vskip 2cm%
1733     \hfill\thesis@author
1734   \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.

```

1735 \def\thesis@blocks@thanks{%

```

```

1736 \ifx\thesis@thanks\undefined\else
1737 \thesis@blocks@clear
1738 \begin{alwaysssingle}%
1739 \chapter*{\vspace*{\fill}}\thesis@@{thanksTitle}}%
1740 \leavevmode\thesis@thanks
1741 \end{alwaysssingle}%
1742 \fi}

```

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

```

1743 \def\thesis@blocks@abstract{%
1744 \begin{alwaysssingle}%
1745 \vskip 40 \p@
1746 {\let\thesis@blocks@clear\relax
1747 \chapter*{\thesis@@{abstractTitle}}}%
1748 \noindent\thesis@abstract
1749 \par\vfil\null
1750 \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.

```

1751 \def\thesis@blocks@abstractEn{%
1752 \ifthesis@english\else
1753 {\thesis@selectLocale{english}%
1754 \begin{alwaysssingle}%
1755 \vskip 40 \p@
1756 {\let\thesis@blocks@clear\relax
1757 \chapter*{\thesis@english@abstractTitle}}%
1758 \noindent\thesis@abstractEn
1759 \par\vfil\null
1760 \end{alwaysssingle}}%
1761 \fi}

```

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

```

1762 \def\thesis@blocks@keywords{%
1763 \begin{alwaysssingle}%
1764 {\let\thesis@blocks@clear\relax%
1765 \chapter*{\vspace*{\fill}}\thesis@@{keywordsTitle}}}%
1766 \noindent\leavevmode\thesis@TeXkeywords
1767 \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.

```

1768 \def\thesis@blocks@keywordsEn{%
1769 \ifthesis@english\else
1770 {\thesis@selectLocale{english}%
1771 \begin{alwaysssingle}%
1772 {\let\thesis@blocks@clear\relax%
1773 \chapter*{\vspace*{\fill}}\thesis@english@keywordsTitle}}}%
1774 \noindent\leavevmode\thesis@TeXkeywordsEn
1775 \end{alwaysssingle}}%
1776 \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.

```
1777 \def\thesis@rewind{%
1778   \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.

```
1779 \newif\ifthesis@blocks@assignment@
1780 \thesis@blocks@assignment@true
1781 \newif\ifthesis@blocks@assignment@hideIfDigital@
1782 \thesis@blocks@assignment@hideIfDigital@true
1783 \def\thesis@blocks@assignment{%
```

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

```
1784   \ifthesis@blocks@assignment@
1785     \ifx\thesis@assignmentFiles\undefined
1786       % Rewind the pages and typeset a placeholder page.
1787       \thesis@blocks@clear
1788       \begin{alwaysingle}%
1789         \thispagestyle{empty}\thesis@rewind
1790         \noindent\textit{\thesis@{assignment}}}%
1791       \end{alwaysingle}%
1792   \else
```

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

```
1793     {\edef\@pdfList{\thesis@assignmentFiles}%
1794     \let\ea\expandafter
1795     % Injects the specified PDF documents.
1796     \def\@inject##1,{\thesis@blocks@clear
1797     \def\@args{##1}\def\@relax{\relax}%
1798     \ifx\@args\@relax\else
1799     % Trim leading spaces.
1800     \edef\@trimmed{\romannumeral-\.\.##1}%
1801     % Rewind the pages and include the PDF.
1802     \thesis@rewind\includepdf[pages=-]\@trimmed
1803     \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

```
1804     \ifx\@pdfList\empty\else
1805     \ifthesis@digital@
1806     \ifthesis@blocks@assignment@hideIfDigital@
1807     \thesis@blocks@clear
1808     \begin{alwaysingle}%
1809     \thispagestyle{empty}\thesis@rewind
1810     \noindent\textit{\thesis@{assignment}}}%
1811     \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.

```

1812         \else
1813         \ea@inject@pdfList,\relax,%
1814         \fi
1815     \else
1816         \ea@inject@pdfList,\relax,%
1817     \fi
1818 \fi}%
1819 \fi
1820 \fi}

```

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

```

1821 \def\thesis@blocks@mainMatter{%
1822 \thesis@blocks@clear
1823 \setcounter{page}{1}
1824 \pagenumbering{arabic}
1825 \pagestyle{thesisheadings}
1826 \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.

```

1827 \def\thesis@blocks@bibEntry@pagetotal{%
1828 \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

```

1829 \def\thesis@blocks@bibEntry{%
1830 \thesis@blocks@clear
1831 \chapter*{\thesis@{bib@title}}
1832 {% Calculate the width of the columns
1833 \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1834 \bf\thesis@{bib@author}:}}
1835 \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1836 \bf\thesis@{bib@thesisTitle}:}}
1837 \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1838 \bf\thesis@{bib@programme}:}}
1839 \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1840 \bf\thesis@{bib@field}:}}
1841 \let\@E\relax\newlength{\@E}
1842 \settowidth{\@E}{\bf\thesis@{bib@advisor}:}}
1843 \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1844 \bf\thesis@{bib@academicYear}:}}
1845 \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1846 \bf\thesis@{bib@pages}:}}
1847 \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1848 \bf\thesis@{bib@keywords}:}}

```



```

1849 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1850 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1851   max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1852 \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1853   \textwidth-\@left-\@skip}
1854 % Typeset the table
1855 \noindent\begin{thesis@newtable@old}%
1856   {\@}p{\@left}{\hskip\@skip}p{\@right}{\@}
1857   \textbf{\thesis@{bib@author}}%
1858   \ifthesis@english\else\ifthesis@woman ka\fi\fi:} &
1859   \noindent\parbox[t]{\@right}{
1860     \thesis@author\\
1861     \thesis@{facultyName} \\
1862     \thesis@{universityName}\\
1863     \thesis@department@name
1864   }\\
1865   \textbf{\thesis@{bib@thesisTitle}:}
1866   & \thesis@title \\
1867   \textbf{\thesis@{bib@programme}:}
1868   & \thesis@programme \\
1869   \ifx\thesis@field\empty\else
1870   \textbf{\thesis@{bib@field}:}%
1871   & \thesis@field \\fi
1872   \textbf{\thesis@{bib@advisor}:}
1873   & \thesis@advisor \\
1874   \textbf{\thesis@{bib@academicYear}:}
1875   & \thesis@academicYear \\
1876   \textbf{\thesis@{bib@pages}:}
1877   & \thesis@blocks@bibEntry@pagetotal \\
1878   \textbf{\thesis@{bib@keywords}:}
1879   & \thesis@TeXkeywords \\
1880 \end{thesis@newtable@old}}

1881 \def\thesis@blocks@bibEntryEn{%
1882   \ifthesis@english\else
1883   \thesis@blocks@clear
1884   \chapter*{\thesis@english@bib@title}
1885   {% Calculate the width of the columns
1886   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1887     \bf\thesis@english@bib@author:}}
1888   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1889     \bf\thesis@english@bib@thesisTitle:}}
1890   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1891     \bf\thesis@english@bib@programme:}}
1892   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1893     \bf\thesis@english@bib@field:}}
1894   \let\@E\relax\newlength{\@E}
1895     \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1896   \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1897     \bf\thesis@english@bib@academicYear:}}
1898   \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1899     \bf\thesis@english@bib@pages:}}
1900   \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1901     \bf\thesis@english@bib@keywords:}}

```

```

1902 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1903 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1904   max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1905 \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1906   \textwidth-\@left-\@skip}
1907 % Typeset the table
1908 \noindent\begin{thesis@newtable@old}%
1909   {@}p{\@left}{\hskip\@skip}p{\@right}@{}%
1910   \textbf{\thesis@english@authorTitle:} &
1911   \noindent\parbox[t]{\@right}{
1912     \thesis@author\\
1913     \thesis@english@facultyName \\
1914     \thesis@english@universityName\\
1915     \thesis@departmentEn@name
1916   }\\
1917   \textbf{\thesis@english@bib@thesisTitle:}
1918   & \thesis@titleEn \\
1919   \textbf{\thesis@english@bib@programme:}
1920   & \thesis@programmeEn \\
1921   \ifx\thesis@fieldEn\empty\else
1922   \textbf{\thesis@english@bib@field:}%
1923   & \thesis@fieldEn@name \\fi
1924   \textbf{\thesis@english@bib@advisor:}
1925   & \thesis@advisor \\
1926   \textbf{\thesis@english@bib@academicYear:}
1927   & \thesis@academicYear \\
1928   \textbf{\thesis@english@bib@pages:}
1929   & \thesis@blocks@bibEntry@pagetotal \\
1930   \textbf{\thesis@english@bib@keywords:}
1931   & \thesis@TeXkeywordsEn \\
1932 \end{thesis@newtable@old}}
1933 \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.

```

1934 \def\thesis@blocks@bibliography{%
1935   \ifthesis@bibliography@loaded@
1936   \ifthesis@bibliography@included@\else
1937     \thesis@blocks@clear
1938     {\emergencystretch=3em%
1939     \printbibliography[heading=bibintoc]}%
1940   \fi
1941 \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.

```

1942 % Table of contents will contain sectioning commands up to
1943 % \subsection.
1944 \setcounter{tocdepth}{2}

```

```

1945
1946 % Sections up to \subsection will be numbered.
1947 \setcounter{secnumdepth}{2}
1948
1949 % Load the `fithesis-mu-1*.clo` size option.
1950 \input\thesis@stylepath mu/fithesis-mu-1\thesis@ptsize.clo\relax
1951
1952 % Define the running heading style.
1953 \def\ps@thesisheadings{%
1954   \def\chaptermark##1{%
1955     \markright{%
1956       \ifnum\c@secnumdepth >\m@ne
1957         \thechapter.\ %
1958         \fi ##1}}
1959 \let\@oddfoot\@empty
1960 \let\@oddhead\@empty
1961 \def\@oddhead{%
1962   \vbox{%
1963     \hbox to \textwidth{%
1964       \hfil{\sc\rightmark}}}%
1965   \vskip 4pt\hrule}}
1966 \if@twoside
1967   \def\@evenhead{%
1968     \vbox{%
1969       \hbox to \textwidth{%
1970         {\sc\rightmark}}%
1971       \hfil}
1972     \vskip 4pt\hrule}}
1973 \else
1974   \let\@evenhead\@oddhead
1975 \fi
1976 \def\@oddfoot{\hfil\PageFont\thepage}
1977 \if@twoside
1978   \def\@evenfoot{\PageFont\thepage\hfil}%
1979 \else
1980   \let\@evenfoot\@oddfoot
1981 \fi
1982 \let\@mkboth\markboth}

1983 \let\ps@headings\ps@thesisheadings
1984 \let\ps@myheadings\ps@thesisheadings
1985
1986 % Redefine the style of the chapter headings.
1987 \renewcommand*\chapter{%
1988   \thesis@blocks@clear
1989   \thispagestyle{plain}%
1990   \global\@topnum\z@
1991   \@afterindentfalse
1992   \secdef\@chapter\@schapter}
1993
1994 % Redefine the style of part headings.
1995 \renewcommand*\part{%
1996   \thesis@blocks@clear
1997   \if@twocolumn

```

```

1998   \onecolumn
1999   \@tempswatruue
2000   \else
2001   \@tempswafalse
2002   \fi
2003   \hbox{}\vfil
2004   \secdef\@part\@spart}
2005
2006 % A macro for temporary multicol -> singlecol switching.
2007 \newif\if@restonecol
2008 \def\alwayssingle{%
2009   \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
2010 \def\endalwayssingle{\if@restonecol\twocolumn\fi}
2011
2012 % Disable uppercasing in PDF strings.
2013 \pdfstringdefDisableCommands{%
2014   \let\MakeUppercase\relax}
2015
2016 % Set up the ToC entries appearance.
2017 \renewcommand*\toc@font[1]{%
2018   \ifcase #1\relax
2019     \bfseries % \chapter (0)
2020   \or
2021     \slshape % \section (1)
2022   \else
2023     \rmfamily % \subsection (2), \subsubsection (3)
2024     % \paragraph, \subparagraph (4)
2025   \fi}
2026
2027 % Set up the table of contents entries for sectioning commands.
2028 \renewcommand*\l@part[2]{%
2029   \ifnum \c@tocdepth >-2\relax
2030     \addpenalty{-\@highpenalty}%
2031     \ifnum \c@tocdepth >0\relax
2032       \addvspace{2.25em \@plus\p@}%
2033     \else
2034       \addvspace{1.0em \@plus\p@}%
2035     \fi
2036     \begingroup
2037       \setlength\@tempdima{3em}%
2038       \parindent \z@ \rightskip \@pnumwidth
2039       \parfillskip -\@pnumwidth
2040       {\leavevmode
2041         \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
2042       \nobreak
2043       \global\@nobreaktrue
2044       \everypar{\global\@nobreakfalse\everypar{}}%
2045     \endgroup
2046   \fi}
2047
2048 \renewcommand*\l@chapter[2]{%
2049   \ifnum \c@tocdepth >0\relax
2050     \addpenalty{-\@highpenalty}%
2051     \addvspace{1.0em \@plus\p@}%

```

```

2052 \setlength\@tempdima{1.5em}%
2053 \begingroup
2054 \parindent \z@ \rightskip \@pnumwidth
2055 \parfillskip -\@pnumwidth
2056 \leavevmode \bfseries
2057 \advance\leftskip\@tempdima
2058 \hskip -\leftskip
2059 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
2060 \penalty\@highpenalty
2061 \endgroup
2062 \else
2063 \@dottedtocline{0}{0em}{1.5em}{#1}{#2}
2064 \fi}
2065
2066 \renewcommand*\l@section{\@dottedtocline{1}{1.5em}{2.3em}}
2067 \renewcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
2068 \renewcommand*\l@subsubsection{\@dottedtocline{3}{7.0em}{4.1em}}
2069 \renewcommand*\l@paragraph{\@dottedtocline{4}{10.0em}{5.0em}}
2070 \renewcommand*\l@subparagraph{\@dottedtocline{4}{12.0em}{6.0em}}

2071 \renewcommand*\l@figure{\@dottedtocline{1}{0.5em}{2.3em}}
2072 \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.

```

2073 (*opt)
2074 (*10pt)
2075 \ProvidesFile{fithesis/style/mu/fithesis-mu-10.clo}[2021/02/21]
2076
2077 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont
2078 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2079 \belowdisplayskip \abovedisplayskip
2080 \abovedisplayshortskip \z@ plus3\p@
2081 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2082 \let\@listi\@listI}
2083
2084 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont
2085 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
2086 \belowdisplayskip \abovedisplayskip
2087 \abovedisplayshortskip \z@ plus2\p@
2088 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
2089 \def\@listi{\leftmargin\leftmarginI
2090 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
2091 \itemsep \parsep}}
2092
2093 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont
2094 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
2095 \belowdisplayskip \abovedisplayskip
2096 \abovedisplayshortskip \z@ plus\p@
2097 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
2098 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2099 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@

```

```

2100 \itemsep \parsep}}
2101
2102 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
2103 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
2104 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
2105 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
2106 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
2107 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
2108 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
2109
2110 </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.

```

2111 <*11pt>
2112 \ProvidesFile{fithesis/style/mu/fithesis-mu-11.clo}[2021/02/21]
2113
2114 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont}
2115 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
2116 \belowdisplayskip \abovedisplayskip
2117 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2118 % \abovedisplayshortskip \z@ plus3\p@
2119 \let\@listi\@listI}
2120
2121 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont}
2122 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2123 \belowdisplayskip \abovedisplayskip
2124 \abovedisplayshortskip \z@ plus3\p@
2125 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2126 \def\@listi{\leftmargin\leftmargini
2127 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
2128 \itemsep \parsep}}
2129
2130 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont}
2131 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
2132 \belowdisplayskip \abovedisplayskip
2133 \abovedisplayshortskip \z@ plus\p@
2134 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
2135 \def\@listi{\leftmargin\leftmargini
2136 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
2137 \itemsep \parsep}}
2138
2139 \renewcommand{\scriptsize}{\fontsize\@viiipt{9.5pt}\selectfont}
2140 \renewcommand{\tiny}{\fontsize\@vipt{7pt}\selectfont}
2141 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
2142 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
2143 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
2144 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
2145 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
2146
2147 </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.

```
2148 (*12pt)
2149 \ProvidesFile{fithesis/style/mu/fithesis-mu-12.clo}[2021/02/21]
2150 (/12pt)
2151
2152 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%
2153 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
2154 \belowdisplayskip \abovedisplayskip
2155 \abovedisplayshortskip \z@ plus3\p@
2156 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2157 \let\@listi\@listI}
2158
2159 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont
2160 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
2161 \belowdisplayskip \abovedisplayskip
2162 \abovedisplayshortskip \z@ plus3\p@
2163 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
2164 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2165 \parsep 4.5\p@ plus2\p@ minus\p@
2166 \itemsep \parsep
2167 \topsep 9\p@ plus3\p@ minus5\p@}}
2168
2169 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont
2170 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
2171 \belowdisplayskip \abovedisplayskip
2172 \abovedisplayshortskip \z@ plus3\p@
2173 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
2174 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
2175 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
```

```

2176 \itemsep \parsep}}
2177
2178 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
2179 \def\thesis@titlePage@tiny{\fontsize\@viipt{7pt}\selectfont}
2180 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
2181 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
2182 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
2183 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
2184 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
2185
2186 (*12pt)
2187 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
2188 \renewcommand{\small}{\thesis@titlePage@small}
2189 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
2190 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
2191 \renewcommand{\tiny}{\thesis@titlePage@tiny}
2192 \renewcommand{\large}{\thesis@titlePage@large}
2193 \renewcommand{\Large}{\thesis@titlePage@Large}
2194 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
2195 \renewcommand{\huge}{\thesis@titlePage@huge}
2196 \renewcommand{\Huge}{\thesis@titlePage@Huge}
2197 (/12pt)
2198 \let\@normalsize\normalsize
2199 \normalsize
2200
2201 \if@twoside
2202   \oddsidemargin 0.75in
2203   \evensidemargin 0.4in
2204 \else
2205   \oddsidemargin 0.75in
2206   \evensidemargin 0.75in
2207 \fi

2208 \marginparwidth 2.75cm
2209 \marginparsep 10pt
2210
2211 \topmargin 0.4in
2212
2213 \headheight 20pt
2214 \headsep 10pt
2215 \topskip 10pt
2216 \footskip 30pt
2217
2218 (*10pt)
2219 \textheight = 43\baselineskip
2220 \advance\textheight by \topskip
2221 \textwidth 5.0truein
2222 \columnsep 10pt
2223 \columnseprule 0pt
2224
2225 \footnotesep 6.65pt
2226 \skip\footins 9pt plus 4pt minus 2pt
2227 \floatsep 12pt plus 2pt minus 2pt
2228 \textfloatsep 20pt plus 2pt minus 4pt
2229 \intextsep 12pt plus 2pt minus 2pt

```



2230 \dblfloatsep 12pt plus 2pt minus 2pt  
2231 \dbltextfloatsep 20pt plus 2pt minus 4pt  
2232  
2233 \@fptop 0pt plus 1fil  
2234 \@fpsep 8pt plus 2fil  
2235 \@fpbot 0pt plus 1fil  
2236 \@dblfpptop 0pt plus 1fil  
2237 \@dblfpsep 8pt plus 2fil  
2238 \@dblfpbot 0pt plus 1fil  
2239 \marginparpush 5pt  
2240  
2241 \parskip 0pt plus 1pt  
2242 \partopsep 2pt plus 1pt minus 1pt  
2243  
2244 </10pt>  
2245 %  
2246 <\*11pt>  
2247 \textheight = 39\baselineskip  
2248 \advance\textheight by \topskip  
2249 \textwidth 5.0truein  
2250 \columnsep 10pt  
2251 \columnseprule 0pt  
2252  
2253 \footnotesep 7.7pt  
2254 \skip\footins 10pt plus 4pt minus 2pt  
2255 \floatsep 12pt plus 2pt minus 2pt  
2256 \textfloatsep 20pt plus 2pt minus 4pt  
2257 \intextsep 12pt plus 2pt minus 2pt  
2258 \dblfloatsep 12pt plus 2pt minus 2pt  
2259 \dbltextfloatsep 20pt plus 2pt minus 4pt  
2260  
2261 \@fptop 0pt plus 1fil  
2262 \@fpsep 8pt plus 2fil  
2263 \@fpbot 0pt plus 1fil  
2264 \@dblfpptop 0pt plus 1fil  
2265 \@dblfpsep 8pt plus 2fil  
2266 \@dblfpbot 0pt plus 1fil  
2267 \marginparpush 5pt  
2268  
2269 \parskip 0pt plus 0pt  
2270 \partopsep 3pt plus 1pt minus 2pt  
2271  
2272 </11pt>  
2273 %  
2274 <\*12pt>  
2275 \textheight = 37\baselineskip  
2276 \advance\textheight by \topskip  
2277 \textwidth 5.0truein  
2278 \columnsep 10pt  
2279 \columnseprule 0pt  
2280  
2281 \footnotesep 8.4pt  
2282 \skip\footins 10.8pt plus 4pt minus 2pt  
2283 \floatsep 14pt plus 2pt minus 4pt

```

2284 \textfloatsep 20pt plus 2pt minus 4pt
2285 \intextsep 14pt plus 4pt minus 4pt
2286 \dblfloatsep 14pt plus 2pt minus 4pt
2287 \dbltextfloatsep 20pt plus 2pt minus 4pt
2288
2289 \@fptop 0pt plus 1fil
2290 \@fpsep 10pt plus 2fil
2291 \@fpbot 0pt plus 1fil
2292 \@dblfpptop 0pt plus 1fil
2293 \@dblfpsep 10pt plus 2fil
2294 \@dblfpbot 0pt plus 1fil
2295 \marginparpush 7pt
2296
2297 \parskip 0pt plus 0pt
2298 \partopsep 3pt plus 2pt minus 2pt
2299
2300 </12pt>
2301 \@lowpenalty 51
2302 \@medpenalty 151
2303 \@highpenalty 301
2304 \@beginparpenalty -\@lowpenalty
2305 \@endparpenalty -\@lowpenalty
2306 \@itempenalty -\@lowpenalty
2307
2308 \def\@makechapterhead#1{%
2309   \setlength\parindent{\z@}%
2310   \setlength\parskip {\z@}%
2311   \Large \ChapFont
2312   \ifnum
2313     \c@secnumdepth >\m@ne
2314     \par\nobreak
2315     \vskip 10\p@
2316     \thechapter{} \space
2317     \fi #1\par
2318     \nobreak
2319     \vskip 20\p@}}
2320
2321 \def\@makeschapterhead#1{%
2322   \setlength\parindent{\z@}%
2323   \setlength\parskip {\z@}%
2324   \Large \ChapFont #1\par
2325   \nobreak
2326   \vskip 20\p@}}
2327
2328 \def\chapter{%
2329   \clearpage
2330   \thispagestyle{plain}
2331   \global\@topnum\z@
2332   \@afterindentfalse
2333   \secdef\@chapter\@schapter}
2334
2335 \def\@chapter[#1]#2{%
2336   \ifnum \c@secnumdepth
2337     >\m@ne

```

```

2338 \refstepcounter{chapter}%
2339 \typeout{\@chapapp\space\thechapter.}%
2340 \addcontentsline{toc}{chapter}{\protect
2341 \numberline{\thechapter}\bfseries #1}
2342 \else
2343 \addcontentsline{toc}{chapter}{\bfseries #1}
2344 \fi
2345 \chaptermark{#1}%
2346 \addtocontents{lof}%
2347 {\protect\addvspace{4\p@}}
2348 \addtocontents{lot}%
2349 {\protect\addvspace{4\p@}}
2350 \if@twocolumn
2351 \@topnewpage[\@makechapterhead{#2}]%
2352 \else
2353 \@makechapterhead{#2}%
2354 \@afterheading
2355 \fi
2356 }
2357
2358 \def\section{\@startsection{section}{1}{\z@}{%
2359 -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
2360 \reset@font\large\bfseries}}
2361 \def\subsection{\@startsection{subsection}{2}{\z@}{%
2362 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2363 \reset@font\normalsize\bfseries}}
2364 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
2365 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
2366 \reset@font\normalsize\bfseries}}
2367 \def\paragraph{\@startsection{paragraph}{4}{\z@}{%
2368 3.25ex plus1ex minus.2ex}{-1em}{%
2369 \reset@font\normalsize\bfseries}}
2370 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
2371 3.25ex plus1ex minus.2ex}{-1em}{%
2372 \reset@font\normalsize\bfseries}}
2373
2374 \leftmargini 2.5em
2375 \leftmarginii 2.2em % > \labelsep + width of '(m)'
2376 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
2377 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
2378 \leftmarginv 1em
2379 \leftmarginvi 1em
2380
2381 \leftmargin\leftmargini
2382 \labelsep .5em
2383 \labelwidth\leftmargini\advance\labelwidth-\labelsep
2384
2385 (*10pt)
2386 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
2387 \topsep 8\p@ plus2\p@ minus4\p@
2388 \itemsep 4\p@ plus2\p@ minus\p@}
2389
2390 \let\@listi\@listI
2391 \@listi

```

```

2392
2393 \def\@listii{\leftmargin\leftmarginii
2394 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2395 \topsep 4\p@ plus2\p@ minus\p@
2396 \parsep 2\p@ plus\p@ minus\p@
2397 \itemsep \parsep}
2398
2399 \def\@listiii{\leftmargin\leftmarginiii
2400 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2401 \topsep 2\p@ plus\p@ minus\p@
2402 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
2403 \itemsep \topsep}
2404
2405 \def\@listiv{\leftmargin\leftmarginiv
2406 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2407
2408 \def\@listv{\leftmargin\leftmarginv
2409 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2410
2411 \def\@listvi{\leftmargin\leftmarginvi
2412 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2413 </10pt>
2414 %
2415 <*11pt>
2416 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
2417 \topsep 9\p@ plus3\p@ minus5\p@
2418 \itemsep 4.5\p@ plus2\p@ minus\p@}
2419
2420 \let\@listi\@listI
2421 \@listi
2422
2423 \def\@listii{\leftmargin\leftmarginii
2424 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
2425 \topsep 4.5\p@ plus2\p@ minus\p@
2426 \parsep 2\p@ plus\p@ minus\p@
2427 \itemsep \parsep}
2428
2429 \def\@listiii{\leftmargin\leftmarginiii
2430 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
2431 \topsep 2\p@ plus\p@ minus\p@
2432 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
2433 \itemsep \topsep}
2434
2435 \def\@listiv{\leftmargin\leftmarginiv
2436 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
2437
2438 \def\@listv{\leftmargin\leftmarginv
2439 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
2440
2441 \def\@listvi{\leftmargin\leftmarginvi
2442 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
2443 </11pt>
2444 %
2445 <*12pt>

```

```

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

### 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>.

```

2475 \NeedsTeXFormat{LaTeX2e}
2476 \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.

```

2477 \thesis@color@setup{
2478 links={HTML}{FFD451},
2479 tableEmph={HTML}{FFD451},
2480 tableOdd={HTML}{FFF9E5},
2481 tableEven={HTML}{FFECB3}}
```

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

```

2482 \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)

```

2483 style=iso-numeric,
2484 sorting=none}
2485 \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.

```

2486 \ifx\thesis@type\thesis@rigorous
2487 \thesis@blocks@assignment@false
2488 \else\ifx\thesis@type\thesis@doctoral
2489 \thesis@blocks@assignment@false
2490 \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.

```

2491 \def\thesis@blocks@declaration{%
2492 \thesis@blocks@clear
2493 \begin{alwaysssingle}%
2494 \chapter*{\thesis@{declarationTitle}}%
2495 \thesis@declaration
2496 \vskip 2cm%
2497 \hfill\thesis@author
2498 \par\vfill\noindent
2499 \textbf{\thesis@{advisorTitle}:} \thesis@advisor
2500 \par\vfil
2501 \end{alwaysssingle}}

```

```

2502 \thesis@blocks@titlePage@field@false
2503 \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.

```

2504 \def\thesis@blocks@preamble{%
2505 \thesis@blocks@coverMatter
2506 \thesis@blocks@cover
2507 \thesis@blocks@frontMatter
2508 \thesis@blocks@titlePage
2509 \thesis@blocks@seal
2510 \ifx\thesis@type\thesis@proposal
2511 \thesis@blocks@toc
2512 \else
2513 \thesis@blocks@declaration
2514 \thesis@blocks@thanks
2515 \thesis@blocks@clear
2516 \thesis@blocks@abstract
2517 \thesis@blocks@keywords
2518 \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)

```

2519 \fi}
2520 \def\thesis@blocks@postamble{%
2521 \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>.

```

2522 \NeedsTeXFormat{LaTeX2e}
2523 \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.

```

2524 \thesis@color@setup{
2525 links={HTML}{20E366},
2526 tableEmph={HTML}{8EDEAA},
2527 tableOdd={HTML}{EDF7F1},
2528 tableEven={HTML}{CCEDD8}}

```

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

```

2529 \thesis@bibliography@setup{
2530 style=iso-numeric,
2531 sorting=none}
2532 \thesis@bibliography@load

```

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

```

2533 \thesis@blocks@titlePage@field@false
2534 \thesis@blocks@titlePage@programme@false
2535 \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.

```

2536 \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.

```

2537 \def\thesis@blocks@frontMatter{%
2538 \thesis@blocks@clear
2539 \pagestyle{empty}
2540 \parindent 1.5em
2541 \setcounter{page}{1}
2542 \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.

```
2543 \def\thesis@blocks@mainMatter{%
2544   \thesis@blocks@clear
2545   \pagestyle{thesisheadings}
2546   \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.

```
2547 \def\thesis@blocks@preamble{
2548   \thesis@blocks@coverMatter
2549   \thesis@blocks@cover
2550   \thesis@blocks@frontMatter
2551   \thesis@blocks@titlePage
2552   \thesis@blocks@seal
2553   \ifx\thesis@type\thesis@proposal

2554     \thesis@blocks@clear
2555     \pagestyle{plain}
2556     \thesis@blocks@toc
2557   \else
2558     \thesis@blocks@bibEntry
2559     \thesis@blocks@bibEntryEn
2560     \thesis@blocks@clear
2561     \thesis@blocks@abstract
2562     \thesis@blocks@clearRight
2563     \thesis@blocks@abstractEn
2564     \thesis@blocks@assignment
2565     \thesis@blocks@thanks
2566     \thesis@blocks@declaration

2567     \thesis@blocks@clear
2568     \pagestyle{plain}
2569     \thesis@blocks@tables
2570   \fi}
2571 \def\thesis@blocks@postamble{%
2572   \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>.

```
2573 \NeedsTeXFormat{LaTeX2e}
2574 \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.

```
2575 \thesis@color@setup{
2576   links={HTML}{6FCEF2},
2577   tableEmph={HTML}{78CEF0},
2578   tableOdd={HTML}{EBF6FA},
2579   tableEven={HTML}{D0EBF5}}
```

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

```
2580 \thesis@bibliography@setup{
2581   style=iso-authoryear,
2582   sorting=nty}
2583 \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)

```
2584   \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.

```
2585 \ifx\thesis@department\thesis@departments@kisk
2586   \def\thesis@department@name{\thesis@@{departmentName}}
2587   \def\thesis@departmentEn@name{\thesis@english@departmentName}
2588 \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.

```
2589 \def\thesis@blocks@preamble{%
2590   \thesis@blocks@coverMatter
2591   \thesis@blocks@cover
2592   \thesis@blocks@frontMatter
2593   \thesis@blocks@titlePage
2594   \thesis@blocks@seal
```

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

```
2595   \ifx\thesis@department\thesis@departments@kisk
2596     \thesis@blocks@bibEntry
2597     \thesis@blocks@abstract
2598     \thesis@blocks@bibEntryEn
2599     \thesis@blocks@abstractEn
```

---

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

```

2600 \fi
2601 \thesis@blocks@declaration
2602 \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.

```

2603 \ifx\thesis@department\thesis@departments@kisk
2604 \thesis@blocks@toc
2605 \else
2606 \thesis@blocks@tables
2607 \fi}
2608 \def\thesis@blocks@postamble{%
2609 \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.

```

2610 \thesis@blocks@lot
2611 \thesis@blocks@lof
2612 \fi
2613 \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>.

```

2614 \NeedsTeXFormat{LaTeX2e}
2615 \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.

```

2616 \thesis@color@setup{
2617 links={HTML}{FFA02F},
2618 tableEmph={HTML}{FFBB6B},
2619 tableOdd={HTML}{FFF1E0},
2620 tableEven={HTML}{FFDEB7}}

```

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

```

2621 \thesis@bibliography@setup{
2622 style=iso-authoryear,
2623 sorting=nty}
2624 \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.

```

2625 \def\thesis@blocks@preamble{%
2626   \thesis@blocks@coverMatter
2627   \thesis@blocks@cover
2628   \thesis@blocks@frontMatter
2629   \thesis@blocks@titlePage
2630   \thesis@blocks@seal
2631   \thesis@blocks@bibEntry
2632   \thesis@blocks@abstract
2633   \thesis@blocks@bibEntryEn
2634   \thesis@blocks@abstractEn
2635   \thesis@blocks@declaration
2636   \thesis@blocks@thanks
2637   \thesis@blocks@tables}
2638 \def\thesis@blocks@postamble{%
2639   \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>.

```

2640 \NeedsTeXFormat{LaTeX2e}
2641 \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.

```

2642 \thesis@color@setup{
2643   links={HTML}{58EDD7},
2644   tableEmph={HTML}{69D6C6},
2645   tableOdd={HTML}{E3F1EE},
2646   tableEven={HTML}{C5E3DF}}

```

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

```

2647 \thesis@bibliography@setup{
2648   style=iso-authoryear,
2649   sorting=nty}
2650 \thesis@bibliography@load

```

```

2651 \thesis@blocks@titlePage@field@false

```

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

```

2652 \def\thesis@blocks@frontMatter{%
2653   \pagestyle{plain}
2654   \parindent 1.5em
2655   \setcounter{page}{1}
2656   \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.

```
2657 \def\thesis@blocks@preamble{%
2658   \thesis@blocks@coverMatter
2659   \thesis@blocks@cover
2660   \thesis@blocks@frontMatter
2661   \thesis@blocks@titlePage
2662   \thesis@blocks@seal
2663   \thesis@blocks@bibEntry
2664   \thesis@blocks@abstract
2665   \thesis@blocks@bibEntryEn
2666   \thesis@blocks@abstractEn
2667   \thesis@blocks@declaration
2668   \thesis@blocks@thanks
2669   \thesis@blocks@tables}
2670 \def\thesis@blocks@postamble{%
2671   \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>.

```
2672 \NeedsTeXFormat{LaTeX2e}
2673 \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.

```
2674 \thesis@color@setup{
2675   links={HTML}{CF86EB},
2676   tableEmph={HTML}{D39BE8},
2677   tableOdd={HTML}{F2EBF5},
2678   tableEven={HTML}{E5CCED}}
```

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

```
2679 \thesis@bibliography@setup{%
2680   style=iso-authortitle,
2681   sorting=nyt}
2682 \thesis@bibliography@load
```

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

```
2683 \thesis@require{chngcntr}
2684 \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.

```

2685 \thesis@blocks@titlePage@programme@false
2686
2687 \thesis@xpatch\thesis@blocks@titlePage{%
2688   {\sf\thesis@titlePage@large\thesis@{@advisorTitle}: \thesis@advisor\par}%
2689   \vspace{0.75cm}%
2690   \ifthesis@blocks@titlePage@department@
2691     {\sf\thesis@titlePage@large\thesis@department@name\par}%
2692   \fi
2693   \ifthesis@blocks@titlePage@programme@
2694     \vspace{0.25cm}%
2695     {\sf\thesis@titlePage@large\thesis@{@bib@programme}:
2696       \thesis@programme\par}%
2697   \fi
2698   \ifthesis@blocks@titlePage@field@
2699     \ifx\thesis@field\empty\else
2700       \vspace{0.25cm}%
2701       {\sf\thesis@titlePage@large\thesis@{@fieldTitle}:
2702         \thesis@field@name\par}%
2703     \fi
2704   \fi
2705   \vfill
2706 }{ }
2707
2708 \thesis@xpatch\thesis@blocks@titlePage{%
2709   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2710   \vfill
2711 }{%
2712   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2713   \vspace{0.5cm}%
2714   {\sf\thesis@titlePage@large\thesis@field\par}%
2715   \vspace{0.25cm}%
2716   {\sf\thesis@titlePage@large\thesis@department@name\par}%
2717   \vspace{1cm}%
2718 }

```

`\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.

```

2719 \def\thesis@blocks@frontMatter{%
2720   \thesis@blocks@clear
2721   \pagestyle{empty}
2722   \parindent 1.5em
2723   \setcounter{page}{1}
2724   \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.

```

2725 \def\thesis@blocks@mainMatter{%
2726   \thesis@blocks@clear

```

```
2727 \pagestyle{thesisheadings}
2728 \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.

```
2729 \def\thesis@blocks@preamble{%
2730 \thesis@blocks@coverMatter
2731 \thesis@blocks@cover
2732 \thesis@blocks@frontMatter
2733 \thesis@blocks@titlePage
2734 \thesis@blocks@seal

2735 \thesis@blocks@clear
2736 \pagestyle{plain}
2737 \setcounter{page}{1}
2738 \thesis@blocks@declaration
2739 \thesis@blocks@clear
2740 \thesis@blocks@abstract
2741 \thesis@blocks@keywords
2742 \thesis@blocks@clear
2743 \thesis@blocks@abstractEn
2744 \thesis@blocks@keywordsEn
2745 \thesis@blocks@thanks
2746 \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.

```
2747 \def\thesis@blocks@postamble{%
2748 \thesis@blocks@bibliography
2749 \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>.

```
2750 \NeedsTeXFormat{LaTeX2e}
2751 \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.

```
2752 \thesis@color@setup{
2753 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/)

```

2754 tableEmph={HTML}{E8B88B},
2755 tableOdd={HTML}{F5ECEB},
2756 tableEven={HTML}{EBD8D5}}

```

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

```

2757 \thesis@bibliography@setup{
2758 style=iso-authoryear,
2759 sorting=nty}
2760 \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.

```

2761 \thesis@require{tikz}
2762 \thesis@require{geometry}
2763 \thesis@require{array}
2764 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

```

2765 \thesis@blocks@assignment@hideIfDigital@false
2766 \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.

```

2767 \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.

```

2768 \thesis@xpatch\thesis@blocks@cover{%
2769 \vfill
2770 \begingroup
2771 \thesis@colorbold@true
2772 {\sffamily\bfseries\thesis@titlePage@Huge\thesis@TeXtitle\par}%
2773 \endgroup
2774 \vspace{1.5cm}%
2775 {\sf\thesis@titlePage@Large\thesis@{@{typeName}}\par}%
2776 \vspace{1.5cm}%
2777 {\sf\thesis@titlePage@LARGE\thesis@upper{author}\par}%
2778 \vfill\vfill\vfill\vfill
2779 {\sf\thesis@titlePage@large\thesis@place, \thesis@{@{semester}}\par}%
2780 }{%

```

```

2781 \vfill
2782 {\bf\thesis@titlePage@Huge\thesis@{@typeName}\par}%
2783 \vfill
2784 {\sf\thesis@titlePage@large\thesis@place
2785 \ \sf\thesis@year\hfill\thesis@author\par}%
2786 }

```

`\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.

```

2787 \def\thesis@blocks@frontMatter{%
2788 \thesis@blocks@clear
2789 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2790 right=15mm, includeheadfoot}
2791 \pagestyle{empty}
2792 \parindent 1.5em
2793 \setcounter{page}{1}
2794 \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.

```

2795 \def\thesis@blocks@mainMatter{%
2796 \thesis@blocks@clear
2797 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2798 right=15mm, includeheadfoot}
2799 \pagestyle{thesisheadings}
2800 \parindent 1.5em\relax}

```

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

```

2801 \def\thesis@blocks@tables{%
2802 \thesis@blocks@lot
2803 \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.

```

2804 \ifx\thesis@blocks@lot\relax\else
2805 \def\thesis@blocks@lot{%
2806 \thesis@blocks@clear
2807 \phantomsection
2808 \addcontentsline{toc}{chapter}{\listtablename}%
2809 \listoftables}
2810 \fi
2811
2812 \ifx\thesis@blocks@lof\relax\else
2813 \def\thesis@blocks@lof{%
2814 \thesis@blocks@clear
2815 \phantomsection
2816 \addcontentsline{toc}{chapter}{\listfigurename}%
2817 \listoffigures}
2818 \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.

```

2819 \def\thesis@blocks@declaration{%
2820   \begin{alwaysssingle}%
2821   \thesis@blocks@clear
2822   \leavevmode\vfill
2823   % Start the new chapter without clearing any page.
2824   {\let\thesis@blocks@clear\relax
2825   \chapter*{\thesis@{@{declarationTitle}}}%
2826   \thesis@declaration
2827   \vskip 2cm%
2828   {\let\@A\relax\newlength{\@A}
2829    \settowidth{\@A}{\thesis@{@{authorSignature}}
2830    \setlength{\@A}{\@A+1cm}
2831    \noindent\thesis@place, \thesis@{@{formattedDate}}\hfill
2832    \begin{minipage}[t]{\@A}%
2833     \centering\rule{\@A}{1pt}\
2834     \thesis@{@{authorSignature}}\par
2835    \end{minipage}}
2836   \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.

```

2837 \def\thesis@blocks@keywords{%
2838   \begin{alwaysssingle}%
2839   \vskip 40\p@
2840   {\let\thesis@blocks@clear\relax
2841   \chapter*{\thesis@{@{keywordsTitle}}}%
2842   \noindent\thesis@TeXkeywords}%
2843   \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.

```

2844 \def\thesis@blocks@keywordsEn{%
2845   \ifthesis@english\else
2846   {\thesis@selectLocale{english}%
2847   \begin{alwaysssingle}%
2848     \vskip 20\p@
2849     {\let\thesis@blocks@clear\relax%
2850     \chapter*{\thesis@english@keywordsTitle}}%
2851     \noindent\thesis@TeXkeywordsEn
2852     \end{alwaysssingle}}%
2853   \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.

```

2854 \thesis@def@extra[{\
2855   \thesis@placeholder@extra@summary
```

```

2856 }]{summary}
2857
2858 \def\thesis@blocks@summary{%
2859   \begin{alwaysingle}%
2860     \thesis@blocks@clear
2861     {\let\thesis@blocks@clear\relax
2862     \chapter*{\thesis@{summaryTitle}}}%
2863     \noindent\thesis@extra@summary
2864   \end{alwaysingle}}

```

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

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

```

2865 \def\thesis@blocks@preamble{%
2866   \thesis@blocks@coverMatter
2867   \thesis@blocks@cover
2868   \thesis@blocks@frontMatter
2869   \thesis@blocks@titlePage
2870   \thesis@blocks@seal
2871   \thesis@blocks@bibEntry
2872   \thesis@blocks@abstract
2873   \thesis@blocks@bibEntryEn
2874   \thesis@blocks@abstractEn
2875   \thesis@blocks@declaration
2876   \thesis@blocks@assignment
2877   \thesis@blocks@thanks
2878   \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.

```

2879 \def\thesis@blocks@postamble{%
2880   \ifx\thesis@doctoral\thesis@type\thesis@blocks@summary\else\fi
2881   \thesis@blocks@bibliography
2882   \thesis@blocks@tables
2883 }

```

### 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>.

```

2884 \NeedsTeXFormat{LaTeX2e}
2885 \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\\_zaverecnych\\_bakalarskych/Smernice\\_LF\\_MU\\_2-2020\\_-\\_Pokyny\\_k\\_formalnim\\_nalezitostem\\_zaverecnych\\_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_zaverecnych_bakalarskych/Smernice_LF_MU_2-2020_-_Pokyny_k_formalnim_nalezitostem_zaverecnych_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.

```
2886 \thesis@color@setup{
2887   links={HTML}{F58E76},
2888   tableEmph={HTML}{FF9D85},
2889   tableOdd={HTML}{FFF5F6},
2890   tableEven={HTML}{FFDEDF}}
```

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

```
2891 \thesis@bibliography@setup{%
2892   style=authortitle,
2893   sorting=ynt}
2894 \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>.

```
2895 \ifthesis@bibliography@loaded@
2896   \DeclareNameAlias{sortname}{last-first}
2897   \renewcommand*{\revsdbnamepunct}{}
2898   \DeclareFieldFormat[%
2899     article,inbook,incollection,inproceedings,patent,thesis,unpublished]%
2900     {title}{{#1\isdot}}
2901   \renewbibmacro{in:}{}
2902   \DeclareFieldFormat{pages}{#1}
2903   \renewcommand*{\bibpagespunct}{\addcolon}
2904   \DeclareFieldFormat{journaltitle}{#1\addperiod}
2905   \DeclareFieldFormat{booktitle}{{#1}}
2906   \DeclareFieldFormat{title}{{#1}}
2907   \renewbibmacro*{journal+issuetitle}{%
2908     \usebibmacro{journal}%
2909     \setunit*\addspace}%
2910   \iffieldundef{series}
2911     {}
2912     {\newunit
2913       \printfield{series}%
2914       \setunit{\addspace}}%
2915   \usebibmacro{issue+date}%
2916   \setunit{\addsemicolon\addspace}%
2917   \usebibmacro{volume+number+eid}%
2918   \setunit{\addcolon\space}%
2919   \usebibmacro{issue}%
2920   \newunit%
2921   }
2922   \renewbibmacro*{issue+date}{\printfield{year}}
2923   \renewcommand*{\finalnamedelim}{\multinamedelim}
2924 \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.

```

2925 \thesis@require{tikz}
2926 \thesis@require{geometry}
2927 \thesis@require{setspace}
2928 \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.

2929 % \changes{v1.1.1}{2024/03/06}{Updated the study field redefinition to
2930 % match the base definition. [TV]}
2931 \thesis@blocks@titlePage@field@false
2932
2933 \thesis@xpatch\thesis@blocks@titlePage{%
2934   {\sf\thesis@titlePage@large\thesis@@{advisorTitle}: \thesis@advisor\par}%
2935   \vspace{0.75cm}%
2936   \ifthesis@blocks@titlePage@department@
2937     {\sf\thesis@titlePage@large\thesis@department@name\par}%
2938   \fi
2939   \ifthesis@blocks@titlePage@programme@
2940     \vspace{0.25cm}%
2941     {\sf\thesis@titlePage@large\thesis@@{bib@programme}:
2942       \thesis@programme\par}%
2943   \fi
2944   \ifthesis@blocks@titlePage@field@
2945     \ifx\thesis@field\empty\else
2946       \vspace{0.25cm}%
2947       {\sf\thesis@titlePage@large\thesis@@{fieldTitle}:
2948         \thesis@field@name\par}%
2949     \fi
2950   \fi
2951   \vfill
2952 }{ }
2953
2954 \thesis@xpatch\thesis@blocks@titlePage{%
2955   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2956   \vfill
2957 }{%
2958   {\sf\thesis@titlePage@large\thesis@@upper{facultyName}\par}%
2959   \vspace{0.5cm}%
2960   {\sf\thesis@titlePage@large\thesis@programme\par}%
2961   \vspace{0.25cm}%
2962   {\sf\thesis@titlePage@large\thesis@department@name\par}%
2963   \vspace{1cm}%
2964 }

```

`\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.

```
2965 \def\thesis@blocks@frontMatter{%
2966   \thesis@blocks@clear
2967   \newgeometry{top=25mm,bottom=20mm,left=35mm,
2968     right=15mm, includeheadfoot}
2969   \pagestyle{empty}
2970   \parindent 1.5em
2971   \setcounter{page}{1}
2972   \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.

```
2973 \def\thesis@blocks@mainMatter{%
2974   \thesis@blocks@clear
2975   \newgeometry{top=25mm,bottom=20mm,left=35mm,
2976     right=15mm, includeheadfoot}
2977   \pagestyle{thesisheadings}
2978   \parindent 1.5em
2979   \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.

```
2980 \def\thesis@blocks@preamble{%
2981   \thesis@blocks@coverMatter
2982   \thesis@blocks@cover
2983   \thesis@blocks@frontMatter
2984   \thesis@blocks@titlePage
2985   \thesis@blocks@seal

2986   \thesis@blocks@clear
2987   \pagestyle{plain}
2988   \setcounter{page}{1}
2989   \thesis@blocks@declaration
2990   \thesis@blocks@clear
2991   \thesis@blocks@abstract
2992   \thesis@blocks@keywords
2993   \thesis@blocks@clear
2994   \thesis@blocks@abstractEn
2995   \thesis@blocks@keywordsEn
2996   \thesis@blocks@thanks
2997   \thesis@blocks@tables}
2998 \def\thesis@blocks@postamble{%
2999   \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>.

```
3000 \NeedsTeXFormat{LaTeX2e}
3001 \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.

```
3002 \thesis@color@setup{
3003   links={HTML}{93BCF5},
3004   tableEmph={HTML}{A8BDE3},
3005   tableOdd={HTML}{EBEFF5},
3006   tableEven={HTML}{D1DAEB}}
```

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

```
3007 \thesis@bibliography@setup{
3008   style=iso-authoryear,
3009   sorting=nyt}
3010 \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.

```
3011 \thesis@require{tikz}
3012 \thesis@require{geometry}
3013 \thesis@require{setspace}
3014 \geometry{top=30mm,bottom=30mm,left=40mm,right=30mm,includeheadfoot}
```

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

```
3015 \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.

```
3016 \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)

```

3017 \def\thesis@blocks@frontMatter{%
3018 \thesis@blocks@clear
3019 \pagestyle{empty}
3020 \parindent 1.5em
3021 \setcounter{page}{1}
3022 \pagenumbering{arabic}
3023 \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.

```

3024 \def\thesis@blocks@mainMatter{%
3025 \thesis@blocks@clear
3026 \pagestyle{thesisheadings}
3027 \parindent 1.5em
3028 \onehalfspacing}

```

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

```

3029 \def\thesis@blocks@bibliography{%
3030 \ifthesis@bibliography@loaded@
3031 \ifthesis@bibliography@included@ \else
3032 \singlespacing
3033 \thesis@blocks@clear
3034 {\emergencystretch=3em%
3035 \printbibliography[heading=bibintoc]}%
3036 \fi
3037 \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

```

3038 \def\thesis@blocks@declaration{%
3039 \thesis@blocks@clear
3040 \begin{alwaysingle}%
3041 \chapter*{\thesis@{declarationTitle}}%
3042 \thesis@declaration
3043 \vskip 2cm%
3044 {\let\@A\relax\newlength{\@A}
3045 \settowidth{\@A}{\thesis@{authorSignature}}
3046 \setlength{\@A}{\@A+1cm}
3047 \noindent\thesis@place, \thesis@{formattedDate}\hfill
3048 \begin{minipage}[t]{\@A}%
3049 \centering\rule{\@A}{1pt}\
3050 \thesis@{authorSignature}\par

```

```

3051 \end{minipage}}
3052 \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.

```

3053 \def\thesis@blocks@preamble{%
3054 \thesis@blocks@coverMatter
3055 \thesis@blocks@cover
3056 \thesis@blocks@frontMatter
3057 \thesis@blocks@titlePage
3058 \thesis@blocks@seal
3059 \thesis@blocks@bibEntry
3060 \thesis@blocks@abstract
3061 \thesis@blocks@bibEntryEn
3062 \thesis@blocks@abstractEn
3063 \thesis@blocks@thanks

3064 \thesis@blocks@clear
3065 \pagestyle{plain}
3066 \thesis@blocks@tables}
3067 \def\thesis@blocks@postamble{%
3068 \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.

```

3069 \NeedsTeXFormat{LaTeX2e}
3070 \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.

```

3071 \thesis@color@setup{
3072 links={HTML}{A0B9C5},
3073 tableEmph={HTML}{B0C3CF},
3074 tableOdd={HTML}{EFF3F6},
3075 tableEven={HTML}{D6E1E6}}

```

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

```

3076 \thesis@bibliography@setup{
3077 style=iso-authoryear,
3078 sorting=nty}
3079 \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.

```

3080 \thesis@require{tikz}
3081 \thesis@require{geometry}
3082 \thesis@require{setspace}
3083 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
3084

```

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

```

3085 \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.

```

3086 \def\thesis@blocks@frontMatter{%
3087 \thesis@blocks@clear
3088 \newgeometry{top=25mm, bottom=20mm, left=35mm, right=15mm, includeheadfoot}
3089 \pagestyle{empty}
3090 \parindent 1.5em
3091 \setcounter{page}{1}
3092 \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.

```

3093 \def\thesis@blocks@mainMatter{%
3094 \thesis@blocks@clear
3095 \newgeometry{top=25mm,bottom=20mm,left=35mm,
3096 right=15mm, includeheadfoot}
3097 \setcounter{page}{1}
3098 \pagenumbering{arabic}
3099 \pagestyle{thesisheadings}
3100 \parindent 1.5em
3101 \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.

```

3102 \def\thesis@blocks@preamble{%
3103 \thesis@blocks@coverMatter
3104 \thesis@blocks@cover
3105 \thesis@blocks@frontMatter
3106 \thesis@blocks@titlePage
3107 \thesis@blocks@seal
3108 \thesis@blocks@bibEntry
3109 \thesis@blocks@abstract

```

```

3110 \thesis@blocks@bibEntryEn
3111 \thesis@blocks@abstractEn
3112 \thesis@blocks@assignment
3113 \thesis@blocks@declaration
3114 \thesis@blocks@thanks
3115 \thesis@blocks@tables}

```

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

```

3116 \def\thesis@blocks@postamble{%
3117 \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 example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] . . .	1
v0.3.26 General: Updated the example documents and the user guide. Fixed a typo in the description of <code>\thesis@season</code> . [VN] . . . . .	1
v0.3.27:1 General: Fixed a typo in the guide.	

	Added a compatibility layer for <code>\title</code> , <code>\author</code> , and <code>\maketitle</code> . Minor changes of the documentation. [VN] . . . . .	1
v0.3.27:2	General: <code>\thesis@selectLocale</code> is no longer performed globally for the entire document during <code>\thesis@load</code> (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's <code>\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 → on one's own). [VN] . . . . .	1
v0.3.27:5	General: The PDF bookmarks are no longer garbled, when the Lua <sub>T</sub> <sub>E</sub> <sub>X</sub> 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
		The captions in the examples for MU are now above tables. [VN] . . . . .	1
v0.3.40		The style file for FSpS, MU now complies with updated requirements. [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 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
		The style file for FSpS, MU now uses a 14 cm wide type area. [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
v0.3.41		v0.3.45	
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	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
		Defined the \ifthesis@czech macro in style/mu/fithesis-sci.sty. The patch was submitted by Juraj Pálenik. [VN] . . . . .	79
		Defined the \thesis@blocks@abstractCs	
v0.3.42			
General: Documented that all color settings are done in the RGB colorspace, which makes the color option suitable mostly for the digital versions of fithesis documents rather than for printing. Added the thesis proposal thesis type. [VN] . . . . .	1		
v0.3.43			
General: Added a mention about the thesis proposal thesis type to the user guide for the Faculty of Informatics at the Masaryk University, Brno and fixed a bad citation in the user guides for the Masaryk University, Brno. Added an extra english option for babel in the examples for the Masaryk University, Brno. \thesis@blocks@thanks no			

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 include
in the style files for the Masaryk	summary in doctoral theses.
University in Brno.	[TV] . . . . .
[VN] . . . . .	90
v0.3.50	Added redefinition of
\thesisload: Make writes	conditionals to exclude the
immediate, so that they do not	study field and the study
get lost when they occur at an	programme from the title page.
empty page. [VN] . . . . .	[TV] . . . . .
22	78
\thesissetup: Make writes	Added redefinition of the
immediate, so that they do not	conditional to exclude the study
get lost when they occur at an	field from the title page.
empty page. [VN] . . . . .	[TV] . . . . .
18	83, 87
v0.3.51	Added redefinition of the
General:	conditionals to exclude the
56	study programme and the
\thesis@bibliography@setup: 54	study field from the title page.
v1.0.0	[TV] . . . . .
General: 78, 80, 81, 83, 84, 86, 90, 93, 96	79
82	Added redefinition of the
84	titlePage layout as per the
91	faculty requirements.
52	Department name and field are
80	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		
Added required package tikz for bibEntry. [TV] . . . . .	51		
Added title for summary. [TV] . . . . .	27, 33, 41		
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		
Lifted the advisorSignature string to the global locale file interface. [VN] . . . . .	26, 27, 31, 33, 37, 41, 45, 78		
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		
Macros for abstract and abstractEn were moved to base.dtx. [TV] . . . . .	89		
Redefine all predefined page styles of the backend class, so that they can't be accidentally activated. [VN] . . . . .	67		
Reorganised the blocks to fit the faculty's requirements. [TV] . . . . .	78, 80, 81, 83, 84, 86, 90, 93, 96		
Styles for list of figures and list of tables were redefined to achieve unified look with toc. [TV] . . . .	69		
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		
\thesis@blocks@abstract: Changed clearpage to vskip so it is by default on the same page when the template contains bibEntry. [TV] . . . . .	62		
\thesis@blocks@abstractEn: Changed clearpage to vskip so it is by default on the same page when the template contains bibEntry. [TV] . . . . .	62		
\thesis@blocks@advisorSignature: . . . . .	59		
\thesis@blocks@bibEntry: The \thesis@blocks@bibEntry command was expanded to more closely resemble Faculty of Science's bibEntry. The \thesis@blocks@bibEntryEn was added. [TV] . . . . .	64		
\thesis@blocks@cover: . . . . .	59		
Removed the header conditionals as the covers are unified for all faculties and shouldn't need to be modified. [TV] . . . . .	59		
\thesis@blocks@facultyLogo@color: . . . . .	58		
\thesis@blocks@facultyLogo@monochrome: . . . . .	58		
\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		
\thesis@blocks@logo: . . . . .	58		
\thesis@blocks@seal: . . . . .	61		
\thesis@blocks@summary: Macro for the summary was added. [TV] . . . . .	89		
\thesis@blocks@titlePage: . . . . .	59		
	60		
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	61		
	59		
\thesis@blocks@universityLogo@color: . . . . .	58		
\thesis@blocks@universityLogo@monochrome: . . . . .	58		
\thesis@facultyLogo: . . . . .	11		
\thesis@requireStyle: 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] . . . . .	22		
\thesis@style: 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] . . . . .	11		
\thesis@universityLogo: . . . . .	10		

<ul style="list-style-type: none"> <li>\thesis@xpatch: Added <ul style="list-style-type: none"> <li>\thesis@xpatch command. <ul style="list-style-type: none"> <li>[TV] ..... 25</li> </ul> </li> </ul> </li> <li>\thesisload: Only load babel in <ul style="list-style-type: none"> <li>LuaTeX if polyglossia has not <ul style="list-style-type: none"> <li>been loaded yet. .... 20</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>v1.1.1 <ul style="list-style-type: none"> <li>General: <ul style="list-style-type: none"> <li>57</li> <li>Updated the study field <ul style="list-style-type: none"> <li>redefinition to match the base <ul style="list-style-type: none"> <li>definition. [TV] ..... 85</li> </ul> </li> </ul> </li> <li>\thesis@blocks@bibEntry: If the <ul style="list-style-type: none"> <li>\thesis@fieldEn key is empty <ul style="list-style-type: none"> <li>string, the bibEntryEn field of <ul style="list-style-type: none"> <li>study row does not appear. <ul style="list-style-type: none"> <li>[TV] ..... 65</li> </ul> </li> </ul> </li> <li>If the \thesis@field key is <ul style="list-style-type: none"> <li>empty string, the bibEntry field <ul style="list-style-type: none"> <li>of study row does not appear. <ul style="list-style-type: none"> <li>[TV] ..... 64</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> <li>\thesis@blocks@bibEntry@pagetotal: <ul style="list-style-type: none"> <li>Add the <ul style="list-style-type: none"> <li>\thesis@blocks@bibEntry@pagetotal <ul style="list-style-type: none"> <li>command for the Masaryk <ul style="list-style-type: none"> <li>University in Brno. [TV, <ul style="list-style-type: none"> <li>VN] ..... 64, 79, 87, 94</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> <li>\thesis@blocks@keywords: Typeset <ul style="list-style-type: none"> <li>\thesis@TeXkeywords, not <ul style="list-style-type: none"> <li>\thesis@keywords. [VN] .... 62</li> </ul> </li> </ul> </li> <li>\thesis@blocks@keywordsEn: <ul style="list-style-type: none"> <li>Typeset \thesis@TeXkeywords, <ul style="list-style-type: none"> <li>not \thesis@keywords. [VN] .. 62</li> </ul> </li> </ul> </li> <li>\thesis@blocks@titlePage: The <ul style="list-style-type: none"> <li>field of study shows only if not <ul style="list-style-type: none"> <li>empty. [TV] ..... 60</li> </ul> </li> </ul> </li> </ul> </li> <li>v1.1.2 <ul style="list-style-type: none"> <li>General: Updated <ul style="list-style-type: none"> <li>typeName@rigorous in the <ul style="list-style-type: none"> <li>English locale file for the <ul style="list-style-type: none"> <li>Faculty of Informatics at the <ul style="list-style-type: none"> <li>Masaryk University in Brno. <ul style="list-style-type: none"> <li>[VD] ..... 31</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li></ul>
<ul style="list-style-type: none"> <li>v1.0.1 <ul style="list-style-type: none"> <li>General: <ul style="list-style-type: none"> <li>86</li> <li>93</li> <li>80</li> <li>96</li> </ul> </li> <li>\thesis@blocks@frontMatter: 85 <ul style="list-style-type: none"> <li>79</li> <li>94</li> </ul> </li> <li>\thesis@blocks@mainMatter: 93 <ul style="list-style-type: none"> <li>80</li> <li>95</li> </ul> </li> </ul> </li> <li>v1.1.0 <ul style="list-style-type: none"> <li>General: 49, 51, <ul style="list-style-type: none"> <li>57</li> <li>49,</li> <li>52</li> <li>50, 51,</li> <li>57</li> </ul> </li> <li>Add space for margin notes. <ul style="list-style-type: none"> <li>[VN] ..... 72</li> </ul> </li> <li>Updated urls to show the most <ul style="list-style-type: none"> <li>recent requirements and <ul style="list-style-type: none"> <li>recommendations used in <ul style="list-style-type: none"> <li>preparation of the template. <ul style="list-style-type: none"> <li>[VN] ..... 86</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> <li>\thesis@blocks@cover: 59, <ul style="list-style-type: none"> <li>87</li> </ul> </li> <li>\thesis@blocks@titlePage: 60</li> </ul> </li> </ul>	