

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

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October 14, 2015

Abstract

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

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1 Required classes and packages

The class loads the `rapport3` base class and 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.
- `ifxetex` – Used to detect the \XeTeX engine.
- `ifluatex` – Used to detect the \LuaTeX engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the \XeTeX and \LuaTeX engines.

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

```
1 \ProvidesClass{fithesis3}[\thesis@version]
2 \LoadClass[a4paper]{rapport3}
3 \RequirePackage{keyval}
4 \RequirePackage{etoolbox}
5 \RequirePackage{ifxetex}
6 \RequirePackage{ifluatex}
7 \ifxetex\else\ifluatex\else
8   \RequirePackage[utf8]{inputenc}
9 \fi\fi
```

2 Public API

2.1 Options

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

2.2 The `\thesissetup` macro

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

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

```

10 \def\thesissetup#1{%
11   \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/`.

```

12 \def\thesis@basepath{fithesis/}
13 \define@key{thesis}{basePath}{%
14   \ifx\thesis@empty#1\thesis@empty%
15     \def\thesis@basepath{%
16       \else%
17       \def\thesis@basepath{#1/}%
18     \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/`.

```

19 \def\thesis@logopath{\thesis@basepath logo/\thesis@university/}
20 \define@key{thesis}{logoPath}{%
21   \def\thesis@logopath{\thesis@subdir#1%
22     \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/`.

```

23 \def\thesis@stylepath{\thesis@basepath style/}
24 \define@key{thesis}{stylePath}{%
25   \def\thesis@stylepath{\thesis@subdir#1%
26     \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/`.

```
27 \def\thesis@localepath{\thesis@basepath locale/}
28 \define@key{thesis}{localePath}{%
29   \def\thesis@localepath{\thesis@subdir#1%
30     \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`.

```
31 \def\thesis@subdir#1#2#3#4\empty{%
32   \ifx#1\empty%           <empty> -> <basepath>
33     \thesis@basepath
34   \else
35     \if#1/%
36       \ifx#2\empty%       / -> /
37       /%
38     \else%                 /<path> -> /<path>/
39       #1#2#3#4/%
40     \fi
41   \else%
42     \if#1.%
43       \ifx#2\empty%       . -> ./
44       ./%
45     \else
46       \if#2.%
47         \ifx#3\empty%     .. -> ../
48         ../%
49       \else
50         \if#3/%           ../<path> -> ../<path>/
51         ../#4/%
52       \else
53         \thesis@basepath#1#2#3#4/%
54       \fi
55     \fi
56   \else
57     \if#2/%               ./<path> -> ./<path>/
58     ./#3#4/%
59   \else
60     \thesis@basepath#1#2#3#4/%
61   \fi
62 \fi
63 \fi
64 \else
65   \thesis@basepath#1#2#3#4/%
66 \fi
67 \fi%
68 \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.

```
69 \newcommand{\thesis@def}[2][\%
70 \expandafter\def\csname thesis@#2\endcsname{%
71 <<\ifx\thesis@empty#1\thesis@empty#2\else#1\fi>>}}
```

`\thesis@declaration` 2.2.5 The declaration key

The `{\langle declaration=text\rangle}` 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}`.

```
72 \def\thesis@declaration{\thesis@@{declaration}}
73 \long\def\KV@thesis@declaration#1{%
74 \long\def\thesis@declaration{#1}}
```

`\ifthesis@woman` 2.2.6 The gender key

The `{\langle gender=char\rangle}` 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.

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

`\thesis@author` 2.2.7 The author key

The `{\langle author=name\rangle}` 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.

```
84 \def\thesis@parseAuthor#1{%
85 \def\thesis@author{#1}%
86 \def\thesis@author@head{\expandafter\expandafter\expandafter%
```

```

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

```

`\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.

```

94 \thesis@def{id}
95 \define@key{thesis}{id}{%
96 \def\thesis@id{#1}}

```

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

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

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

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

```

\thesis@bachelors 97 \def\thesis@bachelors{bc}
\thesis@masters    98 \def\thesis@masters{mgr}
\thesis@doctoral   99 \def\thesis@doctoral{d}
\thesis@rigorous   100 \def\thesis@rigorous{r}
                   101 \let\thesis@type\thesis@bachelors
                   102 \define@key{thesis}{type}{%
                   103 \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.

```
104 \def\thesis@university{mu}
105 \define@key{thesis}{university}{%
106   \def\thesis@university{#1}}
```

`\thesis@faculty` 2.2.11 The faculty key

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

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

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

```
107 \def\thesis@faculty{fi}
108 \define@key{thesis}{faculty}{%
109   \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, the department *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@department` macro.

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

```

113 \thesis@def{departmentEn}
114 \define@key{thesis}{departmentEn}{%
115   \def\thesis@departmentEn{#1}}

```

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

```

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

```

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

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

```
128 \def\thesis@universityLogo{fithesis-base}
129 \define@key{thesis}{universityLogo}{%
130   \def\thesis@universityLogo{#1}}
```

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

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

```
131 \def\thesis@facultyLogo{fithesis-\thesis@faculty}
132 \define@key{thesis}{facultyLogo}{%
133   \def\thesis@facultyLogo{#1}}
```

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

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

```
134 \def\thesis@style{\thesis@university/fithesis-\thesis@faculty}
135 \define@key{thesis}{style}{%
136   \def\thesis@style{#1}}
```

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

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

```
137 \newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
138 \define@key{thesis}{styleInheritance}[true]{%
139   \begingroup
```

```

140 \def\@true{true}%
141 \def\@arg{#1}%
142 \ifx\@true\@arg
143   \endgroup\thesis@style@inheritancetrue
144 \else
145   \endgroup\thesis@style@inheritancefalse
146 \fi}

```

`\thesis@locale` 2.2.22 The locale key

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

```

147 \def\thesis@locale{%
148   % Babel / polyglossia detection
149   \ifx\languagename\undefined%
150     english\else\languagename\fi}
151 \define@key{thesis}{locale}{%
152   \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.

```

153 \def\ifthesis@english{
154   \expandafter\def\expandafter\@english\expandafter{\string%
155     \english}%
156   \expandafter\expandafter\expandafter\def\expandafter%
157     \expandafter\expandafter\@locale\expandafter\expandafter%
158     \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
159   \expandafter\csname\expandafter i\expandafter f\ifx\@locale%
160     \@english%
161     true%
162   \else%
163     false%
164   \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 3.2) and can be tested using the `\ifthesis@locale@inheritance ... \else ... \fi` conditional. Inheritance is enabled for locale files by default.

```

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

```

2.2.24 The date key

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

<code>\thesis@parseDate</code>	<code>\thesis@parseDate</code> macro within the following macros:
<code>\thesis@date</code>	• <code>\thesis@date</code> – The entire <i>date</i>
<code>\thesis@year</code>	• <code>\thesis@year</code> – The YYYY part of <i>date</i>
<code>\thesis@month</code>	• <code>\thesis@month</code> – The MM part of <i>date</i>
<code>\thesis@day</code>	• <code>\thesis@day</code> – The DD part of <i>date</i>
<code>\thesis@season</code>	• <code>\thesis@season</code> – Expands to either: <ul style="list-style-type: none"> – winter if $MM < 7$. – summer if $MM \geq 7$.
<code>\thesis@academicYear</code>	• <code>\thesis@academicYear</code> – The academic year of the given semester: <ul style="list-style-type: none"> – YYYY/YYYY+1 in case of a summer semester – YYYY–1/YYYY in case of a winter semester

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

```

175 \def\thesis@parseDate#1/#2/#3|{{
176   % Basic info
177   \gdef\thesis@date{#1/#2/#3}%
178   \gdef\thesis@year{#1}%
179   \gdef\thesis@month{#2}%
180   \gdef\thesis@day{#3}%
181
182   % Season and academic year
183   \newcount\@year \expandafter\@year \thesis@year \relax%
184   \newcount\@month \expandafter\@month \thesis@month \relax%
185   \ifnum\@month<7%
186     \gdef\thesis@season{winter}%

```

```

187 \advance\@year-1\edef\@yearA{\the\@year}%
188 \advance\@year 1\edef\@yearB{\the\@year}%
189 \else%
190 \gdef\thesis@season{summer}%
191 \edef\@yearA{\the\@year}%
192 \advance\@year 1\edef\@yearB{\the\@year}%
193 \fi%
194 \global\edef\thesis@academicYear{\@yearA/\@yearB}}
195
196 \edef\thesis@date{\the\year/\the\month/\the\day}%
197 \expandafter\thesis@parseDate\thesis@date|}%
198
199 \define@key{thesis}{date}{}%
200 \edef\@date{#1}%
201 \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.

```

202 \def\thesis@place{Brno}
203 \define@key{thesis}{place}{%
204 \def\thesis@place{#1}}

```

`\thesis@title` 2.2.26 The title key

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

```

205 \thesis@def{title}
206 \define@key{thesis}{title}{%
207 \def\thesis@title{#1}}

```

`\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`.

```

208 \def\thesis@TeXtitle{\thesis@title}
209 \define@key{thesis}{TeXtitle}{%
210 \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.

```
211 \thesis@def{titleEn}
212 \define@key{thesis}{titleEn}{%
213   \def\thesis@titleEn{#1}}
```

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

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

```
214 \def\thesis@TeXtitleEn{\thesis@titleEn}
215 \define@key{thesis}{TeXtitleEn}{%
216   \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.

```
217 \thesis@def{keywords}
218 \define@key{thesis}{keywords}{%
219   \def\thesis@keywords{#1}}
```

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

The `{\TeXkeywords=list}` pair sets the T_EX 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.

```
220 \def\thesis@TeXkeywords{\thesis@keywords}
221 \define@key{thesis}{TeXkeywords}{%
222   \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.

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

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

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

```
226 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
227 \define@key{thesis}{TeXkeywordsEn}{%
228   \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.

```
229 \thesis@def{abstract}
230 \long\def\KV@thesis@abstract#1{%
231   \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.

```
232 \thesis@def{abstractEn}
233 \long\def\KV@thesis@abstractEn#1{%
234   \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.

```
235 \thesis@def{advisor}
236 \define@key{thesis}{advisor}{\def\thesis@advisor{#1}}
```

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

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

```
237 \long\def\KV@thesis@thanks#1{%
238   \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.

```
239 \define@key{thesis}{assignment}{%  
240   \def\thesis@assignmentFiles{#1}}
```

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

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

```
241 \newif\ifthesis@auto\thesis@autotru  
242 \define@key{thesis}{autoLayout}[true]{%  
243   \def\@true{true}%  
244   \def\@arg{#1}%  
245   \ifx\@true\@arg%  
246     \thesis@autotru  
247   \else%  
248     \thesis@autofalse%  
249   \fi}
```

`\thesis@preamble` `\thesis@postamble` The `\thesis@postamble` and `\thesis@preamble` macros are defined as empty token strings by default and are subject to redefinition by the style files.

```
250 \def\thesis@preamble{  
251 \def\thesis@postamble{
```

2.3 The `\thesislong` macro

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

- abstract
- abstractEn
- thanks
- declaration

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

3 Private API

3.1 Main routine

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

```
254 \newif\ifthesis@loaded\thesis@loadedfalse
255 \AtEndPreamble{\thesis@load}
256 \def\thesis@load{%
257   \ifthesis@loaded\else%
258     \thesis@loadedtrue
259     \makeatletter%
```

First, the main locale is selected and its files are loaded using the `\thesis@selectLocale` macro.

```
260   \ifx\thesis@locale\empty\else
261     \thesis@selectLocale{\thesis@locale}
262   \fi
```

Consequently, the style files are loaded.

```
263   \ifx\thesis@style\empty\else
264     \thesis@requireStyle{\thesis@style}
265   \fi
```

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

- Title is set to `\thesis@title`.
- Author is set to `\thesis@author`.
- Keywords is set to `\thesis@keywords`.
- Creator is set to 2015/10/14 v0.3.23 fithesis3 MU thesis class.

```
266   \thesis@require{hyperref}%
267   {\hypersetup{unicode,
268     pdftitle={\thesis@title},%
269     pdfauthor={\thesis@author},%
270     pdfkeywords={\thesis@keywords},%
271     pdfcreator={\thesis@version},%
272   }}%
```

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.

```

273 \ifthesis@auto%
274 \AtBeginDocument{\thesis@preamble}%
275 \AtEndDocument{\thesis@postamble}%
276 \fi%

```

`\thesis@pages` Lastly, the `\thesis@pages` macro definition containing the length of the document is scheduled to be included in the auxiliary file.

```

277 \AtEndDocument{%
278 % Define \thesis@pages for the next run
279 \write\@auxout{\noexpand\gdef\noexpand%
280 \thesis@pages{\thepage}}%
281 \makeatother%
282 \fi}

```

3.2 File manipulation macros

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

```

283 \def\thesis@exists#1#2{%
284 \IfFileExists{#1}{#2}{%
285 \ClassWarning{fithesis3}{File #1 doesn't exist}}%

```

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

```

286 \def\thesis@input#1{%
287 \thesis@exists{#1}{\input{#1}}%

```

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

```

288 \def\thesis@require#1{%
289 \@ifpackageloaded{#1}{}{\RequirePackage{#1}}%

```

`\thesis@requireWithOptions` The `\thesis@requireWithOptions{package}` expands to `\RequirePackageWithOptions{package}`, if the specified *package* exists and has not yet been loaded.

```

290 \def\thesis@requireWithOptions#1{\thesis@exists{#1.sty}{%
291 \@ifpackageloaded{#1}{}{\RequirePackageWithOptions{#1}}}%

```

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

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

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

```

292 \def\thesis@requireStyle#1{%
293   \ifthesis@style@inheritance%
294     \thesis@requireWithOptions{\thesis@stylepath fithesis-base}%
295     \thesis@requireWithOptions{\thesis@stylepath\thesis@university%
296       /fithesis-base}
297   \fi%
298   \thesis@requireWithOptions{\thesis@stylepath#1}}

```

`\thesis@requireLocale` If inheritance is enabled for style files, then the `\thesis@requireStyle{<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.

```

299 \def\thesis@requireLocale#1{%
300   % Ignore redundant requests
301   \expandafter\ifx\csname thesis@#1@required\endcsname\relax%
302   \expandafter\def\csname thesis@#1@required\endcsname{}%
303   {\makeatletter % Enable requiring from within the document
304     \thesis@input{\thesis@localepath fithesis-#1.def}%
305     \ifthesis@locale@inheritance%
306       \thesis@input{\thesis@localepath\thesis@university/%
307         fithesis-#1.def}%
308       \thesis@input{\thesis@localepath\thesis@university/%
309         \thesis@faculty/fithesis-#1.def}%
310     \fi}
311 \fi}

```

3.3 String manipulation macros

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

```
312 \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.

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

`\thesis@lower` The `\thesis@lower` and `\thesis@upper` macros are used for upper- and lower-casing 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.

```

314 \def\thesis@lower#1{%
315   \let\ea\expandafter%
316   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\lowercase\ea\ea\ea
317   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
318   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
319   sis#1\endcsname\endcsname}}
320 \def\thesis@upper#1{%
321   \let\ea\expandafter%
322   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\uppercase\ea\ea\ea
323   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
324   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
325   sis#1\endcsname\endcsname}}

```

`\thesis@@lower` The `\thesis@@lower` and `\thesis@@upper` macros are used for upper- and lower-casing 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.

```

326 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
327 \def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}}

```

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

`\thesis@tail`

```

328 \def\thesis@head#1 #2{%
329   \ifx\relax#2%
330     \expandafter\@gobbletwo%
331   \else%
332     \ #1%
333   \fi%
334   \thesis@head#2}%
335 \def\thesis@tail#1 #2{%
336   \ifx\relax#2%
337     #1%
338   \expandafter\@gobbletwo%
339   \fi%
340   \thesis@tail#2}%

```

3.4 General purpose macros

`\thesis@pages` The `\thesis@pages` macro is defined at the beginning of the second L^AT_EX run as a part of the main routine (see Section 3.1). During the first run, the macro expands to ??.

```

341 \ifx\thesis@pages\undefined\def\thesis@pages{??}\fi

```

`\thesis@selectLocale` `\thesis@selectLocale{<locale>}` macro redefines the `\thesis@locale` macro to *locale*, loads the locale files of *locale* and switches to the hyphenation patterns of *locale*.

```

342 \def\thesis@selectLocale#1{%
343   \edef\thesis@locale{#1}%
344   \thesis@requireLocale{\thesis@locale}%
345   \expandafter\language\csname l@\thesis@locale\endcsname}

```

3.5 Locale files

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

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

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

3.5.1 Interface

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

- `\thesis@locale@universityName` – The name of the university
- `\thesis@locale@facultyName` – The name of the faculty
- `\thesis@locale@assignment` – The instructions to replace the current page with the official thesis assignment
- `\thesis@locale@declaration` – The thesis declaration text
- `\thesis@locale@fieldTitle` – The title of the field of study entry
- `\thesis@locale@advisorTitle` – The title of the advisor entry
- `\thesis@locale@authorTitle` – The title of the author entry
- `\thesis@locale@abstractTitle` – The title of the abstract section
- `\thesis@locale@keywordsTitle` – The title of the keywords section
- `\thesis@locale@thanksTitle` – The title of the acknowledgement section
- `\thesis@locale@declarationTitle` – The title of the declaration section

- `\thesis@locale@idTitle` – The title of the thesis author’s identifier field
- `\thesis@locale@winter` – The name of the winter semester
- `\thesis@locale@summer` – The name of the summer semester
- `\thesis@locale@semester` – The full name of the current semester
- `\thesis@locale@typeName` – The name of the thesis type

where *locale* is the name of the locale.

3.5.2 English locale files

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

This is the base file of the English locale. It defines all the private macros mandated by the locale file interface.

```

346 \ProvidesFile{fithesis/locale/fithesis-english.def}[2015/06/26]
347
348 % Placeholders
349 \gdef\thesis@english@universityName{University name}
350 \gdef\thesis@english@facultyName{Faculty name}
351 \gdef\thesis@english@assignment{Replace this page with a copy
352   of the official signed thesis assignment.}
353 \gdef\thesis@english@declaration{Declaration text ...}
354
355 % Miscellaneous
356 \gdef\thesis@english@fieldTitle{Field of study}
357 \gdef\thesis@english@advisorTitle{Advisor}
358 \gdef\thesis@english@authorTitle{Author}
359 \gdef\thesis@english@abstractTitle{Abstract}
360 \gdef\thesis@english@keywordsTitle{Keywords}
361 \gdef\thesis@english@thanksTitle{Acknowledgement}
362 \gdef\thesis@english@declarationTitle{Declaration}
363 \gdef\thesis@english@idTitle{ID}
364 \gdef\thesis@english@winter{Spring}
365 \gdef\thesis@english@summer{Fall}
366 \gdef\thesis@english@semester{%
367   \thesis@{english@\thesis@season} \thesis@year}
368 \gdef\thesis@english@typeName{%
369   \ifx\thesis@type\thesis@bachelors%
370     Bachelor’s Thesis%
371   \else\ifx\thesis@type\thesis@masters%
372     Master’s Thesis%
373   \else\ifx\thesis@type\thesis@doctoral%
374     Doctoral Thesis%
375   \else\ifx\thesis@type\thesis@rigorous%
376     Rigorous Thesis%
377   \else%
378     <<Unknown thesis type (\thesis@type)>>%
379   \fi\fi\fi\fi}

```

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

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

```
380 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2015/06/26]
381 \gdef\thesis@english@universityName{Masaryk University}
382 \gdef\thesis@english@declaration{%
383   Hereby I declare that this paper is my original authorial work,
384   which I have worked out by my own. All sources, references and
385   literature used or excerpted during elaboration of this work are
386   properly cited and listed in complete reference to the due source.}
387
388 % Miscellaneous
389 \gdef\thesis@english@idTitle{UČO}
```

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

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

```
390 \ProvidesFile{fithesis/locale/mu/law/fithesis-english.def}[2015/06/26]
391 \gdef\thesis@english@facultyName{Faculty of Law}
392 \gdef\thesis@english@facultyLongName{The Faculty of Law of the
393   Masaryk University}
```

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

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

```
394 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
395
396 % Placeholders
397 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
398
399 % Miscellaneous
400 \gdef\thesis@english@fieldTitle{Specialization}
```

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

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

```
401 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]
402
403 % Placeholders
```



```

404 \gdef\thesis@english@facultyName{Faculty of Social Studies}
405 \gdef\thesis@english@assignment{Replace this page with a copy
406 of the official signed thesis assignment or the copy of the
407 Statement of an Author or both, depending on the requirements of
408 the respective department.}

```

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

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

```

409 \ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2015/06/26]
410 \gdef\thesis@english@facultyName{Faculty of Economics
411 and Administration}

```

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

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

```

412 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]
413
414 % Miscellaneous
415 \gdef\thesis@english@abstractTitle{Annotation}
416
417 % Placeholders
418 \gdef\thesis@english@facultyName{Faculty of Medicine}
419
420 % Bibliographic entry
421 \gdef\thesis@english@bib@title{Bibliographic record}
422 \gdef\thesis@english@bib@pages{p}

```

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

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

```

423 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
424
425 % Placeholders
426 \gdef\thesis@english@facultyName{Faculty of Informatics}
427 \gdef\thesis@english@assignment{Replace this page with a copy
428 of the official signed thesis assignment and the copy of the

```

```

429 Statement of an Author.}
430
431 % Others
432 \gdef\thesis@english@advisorSignature{Signature of Thesis
433 \thesis@english@advisorTitle}

```

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

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

```

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

```

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

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

```

436 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2015/06/26]
437
438 % Placeholders
439 \gdef\thesis@english@facultyName{Faculty of Education}
440
441 % Bibliographic entry
442 \gdef\thesis@english@bib@title{Bibliographic record}
443 \gdef\thesis@english@bib@pages{p}

```

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

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

```

444 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]
445
446 % Placeholders
447 \gdef\thesis@english@facultyName{Faculty of Science}
448
449 % Miscellaneous
450 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
451
452 % Bibliographic entry
453 \gdef\thesis@english@bib@title{Bibliographic entry}
454 \global\let\thesis@english@bib@author\thesis@english@authorTitle
455 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
456 \gdef\thesis@english@bib@programme{Degree Programme}

```

```

457 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
458 \gdef\thesis@english@bib@advisor{Supervisor}
459 \gdef\thesis@english@bib@academicYear{Academic Year}
460 \gdef\thesis@english@bib@pages{Number of Pages}
461 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle

```

3.5.3 Czech locale files

3.5.3.1 The locale/fithesis-czech.def file

This is the base file of the Czech locale. It 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 containing the accusative case of the thesis type name.

```

462 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2015/06/26]
463
464 % Pomocná makra
465 \gdef\thesis@czech@gender@koncovka{%
466   \ifthesis@woman a\fi}
467
468 % Zástupné texty
469 \gdef\thesis@czech@universityName{Název univerzity}
470 \gdef\thesis@czech@facultyName{Název fakulty}
471 \gdef\thesis@czech@assignment{Místo tohoto listu vložte kopii
472   oficiálního podepsaného zadání práce.}
473 \gdef\thesis@czech@declaration{Text prohlášení ...}
474
475 % Různé
476 \gdef\thesis@czech@fieldTitle{Obor}
477 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
478 \gdef\thesis@czech@authorTitle{Autor}
479 \gdef\thesis@czech@abstractTitle{Shrnutí}
480 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
481 \gdef\thesis@czech@thanksTitle{Poděkování}
482 \gdef\thesis@czech@declarationTitle{Prohlášení}
483 \gdef\thesis@czech@idTitle{ID}
484 \gdef\thesis@czech@winter{Jaro}
485 \gdef\thesis@czech@summer{Podzim}
486 \gdef\thesis@czech@semester{%
487   \thesis@czech@\thesis@season} \thesis@year}
488 \gdef\thesis@czech@typeName{%
489   \ifx\thesis@type\thesis@bachelors%
490     Bakalářská práce%
491   \else\ifx\thesis@type\thesis@masters%
492     Diplomová práce%
493   \else\ifx\thesis@type\thesis@doctoral%

```

```

494   Disertační práce%
495   \else\ifx\thesis@type\thesis@rigorous%
496     Rigorózní práce%
497   \else%
498     <<Neznámý typ práce (\thesis@type)>>%
499   \fi\fi\fi\fi}
500 \gdef\thesis@czech@typeName@akuzativ{%
501   \ifx\thesis@type\thesis@bachelors%
502     Bakalářskou práci%
503   \else\ifx\thesis@type\thesis@masters%
504     Diplomovou práci%
505   \else\ifx\thesis@type\thesis@doctoral%
506     Disertační práci%
507   \else\ifx\thesis@type\thesis@rigorous%
508     Rigorózní práci%
509   \else%
510     <<Neznámý typ práce (\thesis@type)>>%
511   \fi\fi\fi\fi}

```

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

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

```

512 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/06/26]
513
514 % Zástupné texty
515 \gdef\thesis@czech@universityName{Masarykova Univerzita}
516 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
517   \thesis@lower{czech@typeName@akuzativ} zpracoval%
518   \thesis@czech@gender@koncovka\ samostatně a
519   použil\thesis@czech@gender@koncovka\ jen prameny
520   uvedené~v seznamu literatury.}
521
522 % Různé
523 \gdef\thesis@czech@idTitle{UČO}

```

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

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

```

524 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
525
526 % Různé
527 \gdef\thesis@czech@abstractTitle{Abstrakt}
528

```

```

529 % Zástupné texty
530 \gdef\thesis@czech@facultyName{Právnická fakulta}
531 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
532 univerzity}

```

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

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

```

533 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
534
535 % Zástupné texty
536 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
537
538 % Různé
539 \gdef\thesis@czech@fieldTitle{Specializace}

```

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

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

```

540 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2015/06/26]
541
542 % Zástupné texty
543 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
544 \gdef\thesis@czech@assignment{Místo tohoto listu
545 vlozte kopie oficiálního podepsaného zadání práce nebo
546 prohlášení autora školního díla nebo obojí~v závislosti na
547 požadavcích příslušné katedry.}
548

```

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

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

```

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

```

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

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

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

```
551 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2015/06/26]
552
553 % Různé
554 \gdef\thesis@czech@abstractTitle{Anotace}
555
556 % Zástupné texty
557 \gdef\thesis@czech@facultyName{Lékařská fakulta}
558
559 % Bibliografický záznam
560 \gdef\thesis@czech@bib@title{Bibliografický záznam}
561 \gdef\thesis@czech@bib@pages{str}
```

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

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

```
562 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2015/06/26]
563
564 % Zástupné texty
565 \gdef\thesis@czech@facultyName{Fakulta informatiky}
566 \gdef\thesis@czech@assignment{Místo tohoto listu
567 vložit kopie oficiálního podepsaného zadání práce a
568 prohlášení autora školního díla.}
569 \gdef\thesis@czech@declaration{%
570 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
571 původním autorským dílem, které jsem vypracoval%
572 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
573 prameny a literaturu, které jsem při vypracování
574 používal\thesis@czech@gender@koncovka\ nebo z nich
575 čerpal\thesis@czech@gender@koncovka, v práci řádně cituji
576 s uvedením úplného odkazu na příslušný zdroj.}
577
578 % Ostatní
579 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
```

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

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

```
580 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2015/06/26]
581
```

```

582 % Zástupné texty
583 \gdef\thesis@czech@facultyName{Filozofická fakulta}
584 \gdef\thesis@czech@declaration{%
585   Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
586   vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
587   uvedeně literatury.}
588
589 % Ostatní
590 \gdef\thesis@czech@typeName{%
591   \ifx\thesis@type\thesis@bachelors%
592     Bakalářská diplomová práce%
593   \else\ifx\thesis@type\thesis@masters%
594     Magisterská diplomová práce%
595   \else\ifx\thesis@type\thesis@doctoral%
596     Disertační práce%
597   \else%
598     <<Neznámý typ práce (\thesis@type)>>%
599   \fi\fi\fi}
600 \gdef\thesis@czech@typeName@akuzativ{%
601   \ifx\thesis@type\thesis@bachelors%
602     Diplomovou práci%
603   \else\ifx\thesis@type\thesis@masters%
604     Diplomovou práci%
605   \else\ifx\thesis@type\thesis@doctoral%
606     Disertační práci%
607   \else%
608     <<Neznámý typ práce (\thesis@type)>>%
609   \fi\fi\fi}

```

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

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

```

610 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2015/06/26]
611
612 % Zástupné texty
613 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
614
615 % Bibliografický záznam
616 \gdef\thesis@czech@bib@title{Bibliografický záznam}
617 \gdef\thesis@czech@bib@pages{str}

```

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

This is the Czech locale file specific to the Faculty of Science at the Masaryk University in Brno. It defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis-sci.sty` style file. It also

replaces the `facultyName` placeholder with the correct value and redefines the `abstractTitle` and declaration strings in accordance with the formal requirements of the faculty.

```
618 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2015/06/26]
619
620 % Zástupné texty
621 \gdef\thesis@czech@facultyName{Přírodovědecká fakulta}
622
623 % Ostatní
624 \gdef\thesis@czech@abstractTitle{Abstrakt}
625 \gdef\thesis@czech@declaration{%
626   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
627   akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
628   statně s~využitím informačních zdrojů, které jsou v~práci
629   citovány.}
630
631 % Bibliografický záznam
632 \gdef\thesis@czech@bib@title{Bibliografický záznam}
633 \global\let\thesis@czech@bib@author\thesis@czech@authorTitle
634 \gdef\thesis@czech@bib@thesisTitle{Název práce}
635 \gdef\thesis@czech@bib@programme{Studijní program}
636 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
637 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
638 \gdef\thesis@czech@bib@academicYear{Akademický rok}
639 \gdef\thesis@czech@bib@pages{Počet stran}
640 \global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle
```

3.5.4 Slovak locale files

3.5.4.1 The locale/fithesis-slovak.def file

This is the base file of the Slovak locale. It 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` containing the accusative case of the thesis type name.

```
641 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2015/06/26]
642
643 % Pomocná makrá
644 \gdef\thesis@slovak@gender@koncovka{%
645   \ifthesis@woman \fi}
646
647 % Zástupné texty
648 \gdef\thesis@slovak@universityName{Názov univerzity}
649 \gdef\thesis@slovak@facultyName{Názov fakulty}
650 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
651   oficiálneho podpísaného zadania práce.}
```



```

652 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
653
654 % Rôzne
655 \gdef\thesis@slovak@fieldTitle{Odbor}
656 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
657 \gdef\thesis@slovak@authorTitle{Autor}
658 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
659 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
660 \gdef\thesis@slovak@thanksTitle{Poďakovanie}
661 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
662 \gdef\thesis@slovak@idTitle{ID}
663 \gdef\thesis@slovak@winter{Jar}
664 \gdef\thesis@slovak@summer{Jeseň}
665 \gdef\thesis@slovak@semester{%
666   \thesis@{slovak@\thesis@season} \thesis@year}
667 \gdef\thesis@slovak@typeName{%
668   \ifx\thesis@type\thesis@bachelors%
669     Bakalárska práca%
670   \else\ifx\thesis@type\thesis@masters%
671     Diplomová práca%
672   \else\ifx\thesis@type\thesis@doctoral%
673     Dizertačná práca%
674   \else\ifx\thesis@type\thesis@rigorous%
675     Rigorózna práca%
676   \else%
677     <<Neznámy typ práce (\thesis@type)>>%
678   \fi\fi\fi\fi}
679 \gdef\thesis@slovak@typeName@akuzativ{%
680   \ifx\thesis@type\thesis@bachelors%
681     Bakalársku prácu%
682   \else\ifx\thesis@type\thesis@masters%
683     Diplomovú prácu%
684   \else\ifx\thesis@type\thesis@doctoral%
685     Dizertačnú prácu%
686   \else\ifx\thesis@type\thesis@rigorous%
687     Rigoróznú prácu%
688   \else%
689     <<Neznámy typ práce (\thesis@type)>>%
690   \fi\fi\fi\fi}

```

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

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

```

691 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/06/26]
692
693 % Zástupné texty
694 \gdef\thesis@slovak@universityName{Masarykova Univerzita}
695 \gdef\thesis@slovak@declaration{%

```

```

696 Prehlasujem, že som predloženú \thesis@lower{%
697 slovak@typeName@akuzativ} vypracoval%
698 \thesis@slovak@gender@koncovka\ samostatne len s~použitím
699 uvedenej literatúry a prameňov.}
700
701 % Rôzne
702 \gdef\thesis@slovak@idTitle{UČO}

```

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

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

```

703 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
704
705 % Rôzne
706 \gdef\thesis@slovak@abstractTitle{Abstrakt}
707
708 % Zástupné texty
709 \gdef\thesis@slovak@facultyName{Právnická fakulta}
710 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
711 univerzity}

```

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

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

```

712 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
713
714 % Zástupné texty
715 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
716
717 % Rôzne
718 \gdef\thesis@slovak@fieldTitle{Špecializácie}

```

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

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

```

719 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]
720
721 % Zástupné texty
722 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
723 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu

```

724 oficiálneho podpísaného zadania práce alebo prehlásenie autora
 725 školského diela alebo obidve~v závislosti na požiadavkách
 726 príslušnej katedry.}

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

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

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

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

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

```
729 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]
730
731 % Rôzne
732 \gdef\thesis@slovak@abstractTitle{Anotácie}
733
734 % Zástupné texty
735 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
736
737 % Bibliografický zoznam
738 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
739 \gdef\thesis@slovak@bib@pages{str}
```

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

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

```
740 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]
741
742 % Zástupné texty
743 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
744 \gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
745 oficiálneho podpísaného zadania práce a prehlásenie autora
746 školského diela.}
747 \gdef\thesis@slovak@declaration{%
748 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
```

```

749 pôvodným autorským dielom, ktoré som vypracoval%
750 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
751 pramene a literatúru, ktoré som pri vypracovaní
752 používal\thesis@slovak@gender@koncovka\ alebo z~nich
753 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
754 s~uvedením úplného odkazu na príslušný zdroj.}
755
756 % Rôzne
757 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}

```

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

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

```

758 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2015/06/26]
759
760 % Zástupné texty
761 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
762 \gdef\thesis@slovak@declaration{%
763   Prehlasujem, že som predloženú \thesis@lower{%
764     slovak@typeName@akuzativ} vypracoval%
765     \thesis@slovak@gender@koncovka\ samostatne na
766     základe vlastných zistení a len s~použitím
767     uvedenej literatúry a prameňov.}
768
769 % Rôzne
770 \gdef\thesis@slovak@typeName{%
771   \ifx\thesis@type\thesis@bachelors%
772     Bakalárska diplomová práca%
773   \else\ifx\thesis@type\thesis@masters%
774     Magisterská diplomová práca%
775   \else\ifx\thesis@type\thesis@doctoral%
776     Dizertačná práca%
777   \else%
778     <<Neznámy typ práce (\thesis@type)>>%
779   \fi\fi\fi}
780 \gdef\thesis@slovak@typeName@akuzativ{%
781   \ifx\thesis@type\thesis@bachelors%
782     Diplomovú prácu%
783   \else\ifx\thesis@type\thesis@masters%
784     Diplomovú prácu%
785   \else\ifx\thesis@type\thesis@doctoral%
786     Dizertačnú prácu%
787   \else%
788     <<Neznámý typ práce (\thesis@type)>>%
789   \fi\fi\fi}

```

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

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

```
790 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]
791
792 % Zástupné texty
793 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
794
795 % Bibliografický zoznam
796 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
797 \gdef\thesis@slovak@bib@pages{str}
```

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

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

```
798 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
799
800 % Zástupné texty
801 \gdef\thesis@slovak@facultyName{Přirodovedecká fakulta}
```

3.6 Style files

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

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

3.6.1 Interface

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

- | | |
|--------------------------------|--|
| <code>\thesis@preamble</code> | • <code>\thesis@preamble</code> – If autolayout is enabled, then this macro is expanded at the very beginning of the document. |
| <code>\thesis@postamble</code> | • <code>\thesis@postamble</code> – If autolayout is enabled, then this macro is expanded at the very end of the document. |

3.6.2 Base style files

3.6.2.1 The style/fithesis-base.sty file

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

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

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

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

```
804 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2015/08/26]
805 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

- `10pt`, `11pt`, `12pt` – Sets the type size to 10, 11 or 12 points respectively.
- `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.
- `onecolumn`, `twocolumn` – The document is going to be set in either a single column or in two columns, respectively.
- `draft`, `final` – Overfull lines either are or aren't marked within the document, respectively, and graphics either aren't or are inserted into the document, respectively.
- `palatino`, `nopalatino` – The default roman and 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.
- `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.
- `table`, `oldtable` – If the `\ifthesis@color@` conditional is `true`, then the definition of the `tabular` and `tabularx` commands either are or aren't going to be altered to better match the style, respectively. The `\ifthesis@newtable@`

`\ifthesis@twoside@`

`\ifthesis@palatino@`

`\ifthesis@color@`

`\ifthesis@newtable@`

conditional is set to either true or false, respectively.

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 fitthesis3 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 – \listoftables either is or isn't going to be included in the \thesis@blocks@tables block, respectively.
- lof, nolof – \listoffigures is or isn't going to be included in the \thesis@blocks@tables block, respectively.
- 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.

```

806 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
807 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
808 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
809 \newif\ifthesis@twoside@
810 \DeclareOption{oneside}{%
811   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
812 \DeclareOption{twoside}{%
813   \thesis@twoside@true \@twosidetrue \@mparswitchtrue}
814 \DeclareOption{onecolumn}{\@twocolumnfalse}
815 \DeclareOption{twocolumn}{\@twocolumntrue}
816 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
817 \DeclareOption{final}{\setlength\overfullrule{0pt}}
818 \newif\ifthesis@color@
819 \DeclareOption{monochrome}{\thesis@color@false}
820 \DeclareOption{color}{\thesis@color@true}
821 \newif\ifthesis@palatino@
822 \DeclareOption{palatino}{\thesis@palatino@true}
823 \DeclareOption{nopalatino}{\thesis@palatino@false}
824 \newif\ifthesis@newtable@
825 \DeclareOption{table}{\thesis@newtable@true}
826 \DeclareOption{oldtable}{\thesis@newtable@false}
827 \DeclareOption{nolot}{\def\thesis@blocks@lot{}}
828 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
829 \DeclareOption{nolof}{\def\thesis@blocks@lof{}}
830 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
831 \newif\ifthesis@cover@
832 \DeclareOption{nocover}{\thesis@cover@false}
833 \DeclareOption{cover}{\thesis@cover@true}

```

These are the default options:

```
834 \ExecuteOptions{12pt,twoside,final,monochrome,palatino,
835   oldtable,lot,lof,nocover}
836 \ProcessOptions
```

The file loads the following packages:

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

```
837 \thesis@require{xcolor}
838 \thesis@require{graphicx}
839 \thesis@require{pdfpages}
840 \thesis@require{keyval}
841 \thesis@require{ifxetex}
842 \thesis@require{ifluatex}
```

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

```
843 {\let\x\expandafter
844 \x\global\x\let\x\ifthesis@xeluatex\csname if%
845   \ifxetex true\else
846     \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
847     \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
848     \fi
849   \fi\endcsname}
```

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

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

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

```
850 \ifthesis@xeluatex
851 \ifthesis@palatino@
```



```

852 \thesis@require{fontspec}
853 \thesis@require{unicode-math}
854 \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
855 \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
856     {texgyrepagella-math.otf}
857 \fi

```

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

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

```

858 \else
859 \ifthesis@palatino@
860 \RequirePackage[resetfonts]{cmap}
861 \thesis@require{lmodern}
862 \thesis@require{mathpazo}
863 \thesis@require{tgpagella}
864 \RequirePackage[T1]{fontenc}
865 \fi
866 \fi

```

If the `\thesis@newtable@` and `\thesis@color@` conditionals are true, then the following package gets loaded:

- `tabularx` – Provides the `tabularx` environment, which enables the typesetting of tables with flexible-width columns.

Subsequently, the `tabular` and `tabularx` environments are redefined to better match the style of the given faculty.

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

```

867 \let\thesis@newtable@old\tabular
868 \let\endthesis@newtable@old\endtabular
869 \ifthesis@newtable@\ifthesis@color@
870 \thesis@require{tabularx}
871 \thesis@require{booktabs}
872 % The redefinition of 'tabular'

```

```

873 \renewenvironment{tabular}%
874   {\rowcolors{1}{thesis@color@tableOdd}%
875    {thesis@color@tableEven}%
876    \thesis@newtable@old}%
877   {\endthesis@newtable@old}
878 % The redefinition of 'tabularx'
879 \let\thesis@newtable@oldx\tabularx
880 \let\endthesis@newtable@oldx\endtabularx
881 \renewenvironment{tabularx}%
882   {\rowcolors{1}{thesis@color@tableOdd}%
883    {thesis@color@tableEven}%
884    \thesis@newtable@oldx}%
885   {\endthesis@newtable@oldx}
886 % Adjust the measurements
887 \setlength{\aboverulesep}{0pt}
888 \setlength{\belowrulesep}{0pt}
889 \setlength{\extrarowheight}{.75ex}
890 \fi\fi

```

The hyperref package is configured to support both roman and arabic page numbering in one document and to decorate hyperlinks with an underline instead of a rectangular box.

```

891 \thesis@require{hyperref}
892 \hypersetup{
893   pdfborderstyle={/S/U/W 1}, % Less obtrusive borders
894   plainpages=false}          % Multiple page numbering support

```

Clubs and widows are set to be infinitely bad.

```

895 \widowpenalty 10000
896 \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.

```

897 \def\thesis@color@setup#1{%
898   \setkeys{thesis@color}{#1}}

```

The following key-value pairs are supported:

1. `{<links=color>}` – Sets the color of hyperref links to *color* and stores it under the name `thesis@color@links`. The default color of links is specified by the hyperref package.
2. `{<tableOdd=color>}` – Stores the color of the odd rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableOdd`.
3. `{<tableEven=color>}` – Stores the color of the even rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableEven`.

4. `{\tableEmph=color}` – Stores the color of an emphasized cell in a table user under the name `thesis@color@tableEmph`. This color is meant to be used manually by the user.

```

899 \define@key{thesis@color}{links}{%
900   \definecolor{thesis@color@links}#1
901   \hypersetup{linkbordercolor=thesis@color@links}}
902 \define@key{thesis@color}{tableOdd}{%
903   \definecolor{thesis@color@tableOdd}#1}
904 \define@key{thesis@color}{tableEven}{%
905   \definecolor{thesis@color@tableEven}#1}
906 \define@key{thesis@color}{tableEmph}{%
907   \definecolor{thesis@color@tableEmph}#1}

```

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

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

```

908 \def\thesis@blocks@frontMatter{%
909   \thesis@blocks@clear
910   \pagestyle{plain}
911   \parindent 1.5em
912   \setcounter{page}{1}
913   \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.

```

914 \def\thesis@blocks@clear{%
915   \ifthesis@twoside%
916     \clearpage%
917     \thispagestyle{empty}%
918     \cleardoublepage%
919   \else%
920     \newpage%
921   \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.

```

922 \def\thesis@blocks@clearRight{%
923   \ifthesis@twoside%
924     \clearpage%
925     \ifodd\value{page}%
926       \thispagestyle{empty}%
927       \hbox{}%
928       \newpage%
929     \fi%
930   \else%
931     \newpage%
932   \fi}

```

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

```

933 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
934   [width=40mm]{%
935     \edef\@path{\thesis@logopath\thesis@facultyLogo}%
936     \includegraphics[#1]{\@path}}

```

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

```

937 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
938   [width=40mm]{%
939     \edef\@path{\thesis@logopath\thesis@facultyLogo%
940       \ifthesis@color@-color\fi}%
941     \includegraphics[#1]{\@path}}

```

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

```

942 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
943   [width=40mm]{%
944     \edef\@path{\thesis@logopath\thesis@universityLogo}%
945     \includegraphics[#1]{\@path}}

```

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

```

946 \newcommand{\thesis@blocks@universityLogo@color}[1]%
947   [width=40mm]{%
948     \edef\@path{\thesis@logopath\thesis@universityLogo%
949       \ifthesis@color@-color\fi}%
950     \includegraphics[#1]{\@path}}

```

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

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

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

```

951 \def\thesis@blocks@cover{%
952   \ifthesis@cover@%

```

```

953 \thesis@blocks@clear%
954 \begin{alwaysingle}%
955   \thispagestyle{empty}%
956   \begin{center}%
957     \thesis@blocks@cover@header%
958     \thesis@blocks@facultyLogo@monochrome\[\[0.4in]%
959     \let\footnotesize\small%
960     \let\footnoterule\relax}%
961   \thesis@blocks@cover@content%
962   \par\vfill%
963   \thesis@blocks@cover@footer%
964 \end{center}%
965 \end{alwaysingle}%
966 \fi}

```

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

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

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

```

967 \newif\ifthesis@blocks@cover@university@
968 \thesis@blocks@cover@university@true
969 \newif\ifthesis@blocks@cover@faculty@
970 \thesis@blocks@cover@faculty@true
971 \newif\ifthesis@blocks@cover@department@
972 \thesis@blocks@cover@department@false
973 \newif\ifthesis@blocks@cover@field@
974 \thesis@blocks@cover@field@false
975
976 \def\thesis@blocks@cover@header{%
977   {\sc\ifthesis@blocks@cover@university@%
978     \thesis@titlePage@LARGE\thesis@@{universityName}}\%
979   \fi\ifthesis@blocks@cover@faculty@%

```

```

980      \thesis@titlePage@Large\thesis@{facultyName}\\%
981    \fi\ifthesis@blocks@cover@department@%
982      \thesis@titlePage@large\thesis@department\\%
983    \fi}
984  \ifthesis@blocks@cover@field@%
985    {\thesis@titlePage@large\vskip 1em%
986     {\bf\thesis@{fieldTitle}:} \thesis@field}%
987  \fi\vskip 2em}
988 \def\thesis@blocks@cover@content{%
989   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
990   \vskip 0.8in%
991   {\thesis@titlePage@large\sc\thesis@{typeName}}\[\[0.3in]%
992   {\thesis@titlePage@Large\bf\thesis@author}}
993 \def\thesis@blocks@cover@footer{%
994   {\thesis@titlePage@large\thesis@place, \thesis@{semester}}}

```

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

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

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

```

995 \def\thesis@blocks@titlePage{%
996   \thesis@blocks@clear%
997   \begin{alwaysingle}%
998     \thispagestyle{empty}%
999     \begin{center}%
1000       \thesis@blocks@titlePage@header%
1001       \thesis@blocks@facultyLogo@color\[\[0.4in]%
1002       \let\footnotesize\small%
1003       \let\footnoterule\relax}%
1004       \thesis@blocks@titlePage@content%
1005       \par\vfill%
1006       \thesis@blocks@titlePage@footer%
1007     \end{center}%
1008   \end{alwaysingle}}

```

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

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

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

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

```

1009 \newif\ifthesis@blocks@titlePage@university@
1010 \thesis@blocks@titlePage@university@true
1011 \newif\ifthesis@blocks@titlePage@faculty@
1012 \thesis@blocks@titlePage@faculty@true
1013 \newif\ifthesis@blocks@titlePage@department@
1014 \thesis@blocks@titlePage@department@false
1015 \newif\ifthesis@blocks@titlePage@field@
1016 \thesis@blocks@titlePage@field@false
1017
1018 \def\thesis@blocks@titlePage@header{%
1019   {\sc\ifthesis@blocks@titlePage@university@
1020     \thesis@titlePage@LARGE\thesis@{universityName}}\%
1021   \fi\ifthesis@blocks@titlePage@faculty@
1022     \thesis@titlePage@Large\thesis@{facultyName}}\%
1023   \fi\ifthesis@blocks@titlePage@department@
1024     \thesis@titlePage@large\thesis@department}\%
1025   \fi}
1026 \ifthesis@blocks@titlePage@field@
1027   {\thesis@titlePage@large\vskip 1em%
1028     {\bf\thesis@{fieldTitle}:} \thesis@field}%
1029   \fi\vskip 2em}
1030 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1031 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

```

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

```

1032 \def\thesis@blocks@tables{%
1033   \thesis@blocks@clear%
1034   \tableofcontents%
1035   \thesis@blocks@lot%
1036   \thesis@blocks@lof}

```

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

```

1037 \def\thesis@blocks@declaration{%
1038   \thesis@blocks@clear%
1039   \begin{alwaysingle}%
1040     \chapter*{\thesis@{declarationTitle}}%
1041     \thesis@declaration%

```

```

1042 \vskip 2cm%
1043 \hfill\thesis@author%
1044 \end{alwaysssingle}}

```

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

```

1045 \def\thesis@blocks@thanks{%
1046   \ifx\thesis@thanks\undefined\else%
1047     \thesis@blocks@clear%
1048     \begin{alwaysssingle}%
1049       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1050       \thesis@thanks%
1051     \end{alwaysssingle}%
1052   \fi}

```

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

```

1053 \def\thesis@blocks@abstract{%
1054   \begin{alwaysssingle}%
1055   % Start the new chapter without clearing the right page
1056   {\def\cleardoublepage{}
1057   \chapter*{\thesis@{abstractTitle}}}%
1058   \noindent\thesis@abstract%
1059   \par\vfil\null%
1060   \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.

```

1061 \def\thesis@blocks@abstractEn{%
1062   \ifthesis@english\else%
1063     {\thesis@selectLocale{english}%
1064     \begin{alwaysssingle}%
1065     % Start the new chapter without clearing the right page
1066     {\def\cleardoublepage{}%
1067     \chapter*{\thesis@english@abstractTitle}%
1068     \thesis@abstractEn}%
1069     \par\vfil\null%
1070     \end{alwaysssingle}}%
1071   \fi}

```

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

```

1072 \def\thesis@blocks@keywords{%
1073   \begin{alwaysssingle}%
1074   % Start the new chapter without clearing the right page
1075   {\def\cleardoublepage{}%
1076   \chapter*{\thesis@{keywordsTitle}}%
1077   \noindent\thesis@TeXkeywords}%
1078   \par\vfil\null%
1079   \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.

```

1080 \def\thesis@blocks@keywordsEn{%
1081   \ifthesis@english\else%
1082     {\thesis@selectLocale{english}%
1083     \begin{alwaysingle}%
1084       % Start the new chapter without clearing the right page
1085       {\def\cleardoublepage{}%
1086       \chapter*{\thesis@english@keywordsTitle}%
1087       \thesis@TeXkeywordsEn}%
1088       \par\vfil\null%
1089     \end{alwaysingle}}%
1090   \fi}

```

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

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

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

```

1091 \newif\ifthesis@blocks@assignment@
1092 \thesis@blocks@assignment@true
1093 \def\thesis@blocks@assignment{%
1094   \ifthesis@blocks@assignment@%
1095     \ifx\thesis@assignmentFiles\undefined%
1096       % Typeset a placeholder page.
1097       \thesis@blocks@clear%
1098       \begin{alwaysingle}%
1099         \thispagestyle{empty}%
1100         \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
1101         \noindent\textit{\thesis@{assignment}}%
1102       \end{alwaysingle}%
1103     \else%
1104       {\edef\@pdfList{\thesis@assignmentFiles}%
1105       \ifx\@pdfList\empty\else
1106         \let\ea\expandafter
1107         % Inject the specified PDF documents.
1108         \def\@inject##1,{\thesis@blocks@clear
1109         \def\@args{##1}\def\@relax{\relax}%
1110         \ifx\@args\@relax\else%

```

```

1111          % Trim leading spaces.
1112          \edef\@trimmed{\romannumeral-'\.##1}%
1113          \includepdf[pages=-]\@trimmed
1114          \ea\@inject\fi}%
1115          \ea\@inject\@pdfList,\relax,%
1116          \fi}%
1117          \fi%
1118          \fi}

```

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

```

1119 \def\thesis@blocks@mainMatter{%
1120   \thesis@blocks@clear
1121   \setcounter{page}{1}
1122   \pagenumbering{arabic}
1123   \pagestyle{thesisheadings}
1124   \parindent 1.5em\relax}

```

The rest of the file comprises redefinitions of L^AT_EX commands and private rapport3 class macros altering the layout of the resulting document. Depending on the type size of 10, 11 or 12 points, either the fithesis-10.clo, fithesis-11.clo or fithesis-12.clo file is loaded from the \thesis@stylepath mu directory, respectively.

```

1125 % Table of contents will contain sectioning commands up to
1126 % \subsubsection
1127 \setcounter{tocdepth}{4}
1128
1129 % Load the 'fithesis-1*.clo' size option
1130 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1131
1132 \def\ps@thesisheadings{%
1133 \def\chaptermark##1{%
1134 \markright{%
1135 \ifnum\c@secnumdepth >\m@ne
1136 \thechapter.\ %
1137 \fi ##1}}
1138 \let\@oddfoot\@empty
1139 \let\@oddhead\@empty
1140 \def\@oddhead{\vbox{\hbox to \textwidth{%
1141 \hfil{\sc\rightmark}}\vskip 4pt\hrule}}
1142 \if@twoside
1143 \def\@evenhead{\vbox{\hbox to \textwidth{%
1144 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1145 \else
1146 \let\@evenhead\@oddhead
1147 \fi
1148 \def\@oddfoot{\hfil\PageFont\thepage}
1149 \if@twoside
1150 \def\@evenfoot{\PageFont\thepage\hfil}%

```

```

1151 \else
1152 \let\@evenfoot\@oddfoot
1153 \fi
1154 \let\@mkboth\markboth
1155 }
1156
1157 % Redefines the style of the chapter headings
1158 \renewcommand*\chapter{%
1159 \if@twoside
1160 \clearpage
1161 \thispagestyle{empty}
1162 \cleardoublepage
1163 \else
1164 \clearpage
1165 \fi
1166 \thispagestyle{plain}%
1167 \global\@topnum\z@
1168 \@afterindentfalse
1169 \secdef\@chapter\@schapter}
1170
1171 % Redefines the style of part headings
1172 \renewcommand*\part{%
1173 \clearpage
1174 \thispagestyle{empty}
1175 \cleardoublepage
1176 \thispagestyle{empty}%
1177 \if@twocolumn%
1178 \onecolumn
1179 \@tempswattrue
1180 \else
1181 \@tempswafalse
1182 \fi
1183 \hbox{}\vfil
1184 \secdef\@part\@spart}
1185
1186 \newif\if@restonecol
1187 \def\alwaysingle{%
1188 \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1189 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1190
1191 \renewcommand*\l@part[2]{%
1192 \ifnum \c@tocdepth >-2\relax
1193 \addpenalty{-\@highpenalty}%
1194 \addvspace{0.5em \@plus\p@}%
1195 \begingroup
1196 \setlength\@tempdima{3em}%
1197 \parindent \z@ \rightskip \@pnumwidth
1198 \parfillskip -\@pnumwidth
1199 {\leavevmode
1200 \normalfont \bfseries #1\hfil \hbext@\@pnumwidth{\hss #2}}\par

```

```

1201      \nobreak
1202      \global\@nobreaktrue
1203      \everypar{\global\@nobreakfalse\everypar{}}%
1204    \endgroup
1205    \addvspace{0.2em \@plus\p@}%
1206  \fi}
1207
1208 \renewcommand*\l@chapter[2]{%
1209   \ifnum \c@tocdepth >\m@ne
1210     \addpenalty{-\@highpenalty}%
1211     \vskip 1.0em \@plus\p@
1212     \setlength\@tempdima{1.5em}%
1213     \begingroup
1214       \parindent \z@ \rightskip \@pnumwidth
1215       \parfillskip -\@pnumwidth
1216       \leavevmode \bfseries
1217       \advance\leftskip\@tempdima
1218       \hskip -\leftskip
1219       #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1220       \penalty\@highpenalty
1221     \endgroup
1222   \fi}
1223
1224 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1225 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1226 \renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
1227 \renewcommand*\l@subsubsection{\@dottedtocline{4}{7.0em}{3.8em}}

```

3.6.2.3 The style/mu/fithesis-10.clo file

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

```

1228 <*opt>
1229 <*10pt>
1230 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2015/06/23]
1231
1232 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont%
1233 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1234 \belowdisplayskip \abovedisplayskip
1235 \abovedisplayshortskip \z@ plus3\p@
1236 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1237 \let\@listi\@listI}
1238
1239 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
1240 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1241 \belowdisplayskip \abovedisplayskip
1242 \abovedisplayshortskip \z@ plus2\p@
1243 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1244 \def\@listi{\leftmargin\leftmarginI
1245 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@

```

```

1246 \itemsep \parsep}}
1247
1248 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont%
1249 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1250 \belowdisplayskip \abovedisplayskip
1251 \abovedisplayshortskip \z@ plus\p@
1252 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1253 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1254 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1255 \itemsep \parsep}}
1256
1257 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1258 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1259 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1260 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1261 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1262 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1263 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1264
1265 (/10pt)

```

3.6.2.4 The style/mu/fithesis-11.clo file

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

```

1266 (*11pt)
1267 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2015/06/23]
1268
1269 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont%
1270 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1271 \belowdisplayskip \abovedisplayskip
1272 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1273 %\abovedisplayshortskip \z@ plus3\p@
1274 \let\@listi\@listI}
1275
1276 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont%
1277 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1278 \belowdisplayskip \abovedisplayskip
1279 \abovedisplayshortskip \z@ plus3\p@
1280 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1281 \def\@listi{\leftmargin\leftmarginI
1282 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1283 \itemsep \parsep}}
1284
1285 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont%
1286 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1287 \belowdisplayskip \abovedisplayskip
1288 \abovedisplayshortskip \z@ plus\p@
1289 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1290 \def\@listi{\leftmargin\leftmarginI

```

```

1291 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1292 \itemsep \parsep}}
1293
1294 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
1295 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1296 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1297 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1298 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1299 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1300 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1301
1302 (/11pt)

```

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

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

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

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

```

1303 (*12pt)
1304 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2015/06/23]
1305 (/12pt)
1306
1307 \def\thesis@titlePage@normalsize{\fontsize\@xiipt{14.5}%
1308 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1309 \belowdisplayskip \abovedisplayskip
1310 \abovedisplayshortskip \z@ plus3\p@
1311 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1312 \let\@listi\@listI}
1313

```

```

1314 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
1315 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1316 \belowdisplayskip \abovedisplayskip
1317 \abovedisplayshortskip \z@ plus3\p@
1318 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1319 \def\@listi{\leftmargin\leftmargin1 %% Added 22 Dec 87
1320 \parsep 4.5\p@ plus2\p@ minus\p@
1321 \itemsep \parsep
1322 \topsep 9\p@ plus3\p@ minus5\p@}}
1323
1324 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
1325 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1326 \belowdisplayskip \abovedisplayskip
1327 \abovedisplayshortskip \z@ plus3\p@
1328 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1329 \def\@listi{\leftmargin\leftmargin1 %% Added 22 Dec 87
1330 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1331 \itemsep \parsep}}
1332
1333 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1334 \def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
1335 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1336 \def\thesis@titlePage@Large{\fontsize\@xxvpt{22pt}\selectfont}
1337 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1338 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1339 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1340
1341 (*12pt)
1342 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1343 \renewcommand{\small}{\thesis@titlePage@small}
1344 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1345 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1346 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1347 \renewcommand{\large}{\thesis@titlePage@large}
1348 \renewcommand{\Large}{\thesis@titlePage@Large}
1349 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1350 \renewcommand{\huge}{\thesis@titlePage@huge}
1351 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1352 (/12pt)
1353 \let\@normalsize\normalsize
1354 \normalsize
1355
1356 \if@twoside
1357 \oddsidemargin 0.75in
1358 \evensidemargin 0.4in
1359 \marginparwidth 0pt
1360 \else
1361 \oddsidemargin 0.75in
1362 \evensidemargin 0.75in
1363 \marginparwidth 0pt

```

```

1364 \fi
1365 \marginparsep 10pt
1366
1367 \topmargin 0.4in
1368
1369 \headheight 20pt
1370 \headsep 10pt
1371 \topskip 10pt
1372 \footskip 30pt
1373
1374 (*10pt)
1375 \textheight = 43\baselineskip
1376 \advance\textheight by \topskip
1377 \textwidth 5.0truein
1378 \columnsep 10pt
1379 \columnseprule 0pt
1380
1381 \footnotesep 6.65pt
1382 \skip\footins 9pt plus 4pt minus 2pt
1383 \floatsep 12pt plus 2pt minus 2pt
1384 \textfloatsep 20pt plus 2pt minus 4pt
1385 \intextsep 12pt plus 2pt minus 2pt
1386 \dblfloatsep 12pt plus 2pt minus 2pt
1387 \dbltextfloatsep 20pt plus 2pt minus 4pt
1388
1389 \@fptop 0pt plus 1fil
1390 \@fpsep 8pt plus 2fil
1391 \@fpbot 0pt plus 1fil
1392 \@dblftop 0pt plus 1fil
1393 \@dblfpsep 8pt plus 2fil
1394 \@dblfpbot 0pt plus 1fil
1395 \marginparpush 5pt
1396
1397 \parskip 0pt plus 1pt
1398 \partopsep 2pt plus 1pt minus 1pt
1399
1400 (/10pt)
1401 %
1402 (*11pt)
1403 \textheight = 39\baselineskip
1404 \advance\textheight by \topskip
1405 \textwidth 5.0truein
1406 \columnsep 10pt
1407 \columnseprule 0pt
1408
1409 \footnotesep 7.7pt
1410 \skip\footins 10pt plus 4pt minus 2pt
1411 \floatsep 12pt plus 2pt minus 2pt
1412 \textfloatsep 20pt plus 2pt minus 4pt
1413 \intextsep 12pt plus 2pt minus 2pt

```



```

1414\dblfloatsep 12pt plus 2pt minus 2pt
1415\dbltextfloatsep 20pt plus 2pt minus 4pt
1416
1417\@fptop 0pt plus 1fil
1418\@fpsep 8pt plus 2fil
1419\@fpbot 0pt plus 1fil
1420\@dblftop 0pt plus 1fil
1421\@dblfpsep 8pt plus 2fil
1422\@dblfpbot 0pt plus 1fil
1423\marginparpush 5pt
1424
1425\parskip 0pt plus 0pt
1426\partopsep 3pt plus 1pt minus 2pt
1427
1428</11pt>
1429%
1430<*12pt>
1431\textheight = 37\baselineskip
1432\advance\textheight by \topskip
1433\textwidth 5.0truein
1434\columnsep 10pt
1435\columnseprule 0pt
1436
1437\footnotesep 8.4pt
1438\skip\footins 10.8pt plus 4pt minus 2pt
1439\floatsep 14pt plus 2pt minus 4pt
1440\textfloatsep 20pt plus 2pt minus 4pt
1441\intextsep 14pt plus 4pt minus 4pt
1442\dblfloatsep 14pt plus 2pt minus 4pt
1443\dbltextfloatsep 20pt plus 2pt minus 4pt
1444
1445\@fptop 0pt plus 1fil
1446\@fpsep 10pt plus 2fil
1447\@fpbot 0pt plus 1fil
1448\@dblftop 0pt plus 1fil
1449\@dblfpsep 10pt plus 2fil
1450\@dblfpbot 0pt plus 1fil
1451\marginparpush 7pt
1452
1453\parskip 0pt plus 0pt
1454\partopsep 3pt plus 2pt minus 2pt
1455
1456</12pt>
1457\@lowpenalty 51
1458\@medpenalty 151
1459\@highpenalty 301
1460\@beginparpenalty -\@lowpenalty
1461\@endparpenalty -\@lowpenalty
1462\@itempenalty -\@lowpenalty
1463

```

```

1464 \def\@makechapterhead#1{%
1465   {%
1466     \setlength\parindent{\z@}%
1467     \setlength\parskip {\z@}%
1468     \ifnum
1469       \c@secnumdepth >\m@ne
1470       \par\nobreak
1471       \vskip 10\p@
1472     \fi
1473     \Large \ChapFont \thechapter{} \space #1\par
1474     \nobreak
1475     \vskip 20\p@
1476   }%
1477 }
1478
1479 \def\@makeschapterhead#1{%
1480   {%
1481     \setlength\parindent{\z@}%
1482     \setlength\parskip {\z@}%
1483     \Large \ChapFont #1\par
1484     \nobreak
1485     \vskip 20\p@
1486   }%
1487 }
1488
1489 \def\chapter{%
1490   \clearpage
1491   \thispagestyle{plain}
1492   \global\@topnum\z@
1493   \@afterindentfalse
1494   \secdef\@chapter\@schapter
1495 }
1496
1497 \def\@chapter[#1]#2{%
1498   \ifnum \c@secnumdepth
1499     >\m@ne
1500     \refstepcounter{chapter}%
1501     \typeout{\@chapapp\space\thechapter.}%
1502     \addcontentsline{toc}{chapter}{\protect
1503       \numberline{\thechapter}\bfseries #1}
1504   \else%
1505     \addcontentsline{toc}{chapter}{\bfseries #1}
1506   \fi
1507   \chaptermark{#1}%
1508   \addtocontents{lof}%
1509   {\protect\addvspace{4\p@}}
1510   \addtocontents{lot}%
1511   {\protect\addvspace{4\p@}}
1512   \if@twocolumn
1513     \@topnewpage[\@makechapterhead{#2}]%

```

```

1514 \else
1515     \@makechapterhead{#2}%
1516     \@afterheading
1517 \fi
1518 }
1519
1520 %\def\schapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]]%
1521 %     \else \@makeschapterhead{#1}%
1522 %     \markright{#1}
1523 %     \@afterheading\fi}
1524
1525 \def\section{\@startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
1526     -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
1527 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
1528     minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1529 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
1530     -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1531 \def\paragraph{\@startsection
1532     {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
1533     \normalsize\bfseries}}
1534 \def\subparagraph{\@startsection
1535     {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
1536     .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1537
1538 \setcounter{secnumdepth}{2}
1539
1540 \def\appendix{\par
1541     \setcounter{chapter}{0}%
1542     \setcounter{section}{0}%
1543     \def\@chapapp{\appendixname}%
1544     \def\thechapter{\Alph{chapter}}}
1545
1546 \leftmargini 2.5em
1547 \leftmarginii 2.2em      % > \labelsep + width of '(m)'
1548 \leftmarginiii 1.87em    % > \labelsep + width of 'vii.'
1549 \leftmarginiv 1.7em      % > \labelsep + width of 'M.'
1550 \leftmarginv 1em
1551 \leftmarginvi 1em
1552
1553 \leftmargin\leftmargini
1554 \labelsep .5em
1555 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1556
1557 (*10pt)
1558 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1559 \topsep 8\p@ plus2\p@ minus4\p@
1560 \itemsep 4\p@ plus2\p@ minus\p@}
1561
1562 \let\@listi\@listI
1563 \@listi

```

```

1564
1565 \def\@listii{\leftmargin\leftmarginii
1566   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1567   \topsep 4\p@ plus2\p@ minus\p@
1568   \parsep 2\p@ plus\p@ minus\p@
1569   \itemsep \parsep}
1570
1571 \def\@listiii{\leftmargin\leftmarginiii
1572   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1573   \topsep 2\p@ plus\p@ minus\p@
1574   \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1575   \itemsep \topsep}
1576
1577 \def\@listiv{\leftmargin\leftmarginiv
1578   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1579
1580 \def\@listv{\leftmargin\leftmarginv
1581   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1582
1583 \def\@listvi{\leftmargin\leftmarginvi
1584   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1585 </10pt>
1586 %
1587 <*11pt>
1588 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1589 \topsep 9\p@ plus3\p@ minus5\p@
1590 \itemsep 4.5\p@ plus2\p@ minus\p@}
1591
1592 \let\@listi\@listI
1593 \@listi
1594
1595 \def\@listii{\leftmargin\leftmarginii
1596   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1597   \topsep 4.5\p@ plus2\p@ minus\p@
1598   \parsep 2\p@ plus\p@ minus\p@
1599   \itemsep \parsep}
1600
1601 \def\@listiii{\leftmargin\leftmarginiii
1602   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1603   \topsep 2\p@ plus\p@ minus\p@
1604   \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1605   \itemsep \topsep}
1606
1607 \def\@listiv{\leftmargin\leftmarginiv
1608   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1609
1610 \def\@listv{\leftmargin\leftmarginv
1611   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1612
1613 \def\@listvi{\leftmargin\leftmarginvi

```

```

1614 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1615 </11pt>
1616 %
1617 <*12pt>
1618 \def\@listI{\leftmargin\leftmarginii \parsep 5\p@ plus2.5\p@ minus\p@
1619 \topsep 10\p@ plus4\p@ minus6\p@
1620 \itemsep 5\p@ plus2.5\p@ minus\p@}
1621
1622 \let\@listi\@listI
1623 \@listi
1624
1625 \def\@listii{\leftmargin\leftmarginii
1626 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1627 \topsep 5\p@ plus2.5\p@ minus\p@
1628 \parsep 2.5\p@ plus\p@ minus\p@
1629 \itemsep \parsep}
1630
1631 \def\@listiii{\leftmargin\leftmarginiii
1632 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1633 \topsep 2.5\p@ plus\p@ minus\p@
1634 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1635 \itemsep \topsep}
1636
1637 \def\@listiv{\leftmargin\leftmarginiv
1638 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1639
1640 \def\@listv{\leftmargin\leftmarginv
1641 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1642
1643 \def\@listvi{\leftmargin\leftmarginvi
1644 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1645 </12pt>
1646 </opt>

```

3.6.3 The style files of the Faculty of Informatics

3.6.3.1 The style/mu/fithesis-fi.sty file

This is the style file for the theses written at the Faculty of Informatics at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty¹.

```

1647 \NeedsTeXFormat{LaTeX2e}
1648 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

1649 \thesis@color@setup{
1650 links={HTML}{FFD451},
1651 tableEmph={HTML}{FFD451},

```

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

```

1652 tableOdd={HTML}{FFF9E5},
1653 tableEven={HTML}{FFECB3}}

```

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

```

1654 \ifx\thesis@type\thesis@bachelors\else
1655 \ifx\thesis@type\thesis@masters\else
1656 \thesis@blocks@assignment@false
1657 \fi\fi

```

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

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

```

1658 \def\thesis@blocks@titlePage@content{%
1659   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1660   {\thesis@titlePage@large\sc\thesis@{@{typeName}}\[\[0.3in]}
1661   {\thesis@titlePage@Large\bf\thesis@author}
1662   % If this is a rigorous thesis, typeset the name of the
1663   % thesis advisor.
1664   \ifx\thesis@type\thesis@rigorous%
1665     {\thesis@titlePage@large\[\[0.3in]}
1666     {\bf\thesis@{@{advisorTitle}:} \thesis@advisor}
1667   \fi}%
1668 \def\thesis@blocks@titlePage@footer{%
1669   {\thesis@titlePage@large\thesis@place, \thesis@{@{semester}}
1670   % If this is a rigorous thesis, create space for the advisor's
1671   % signature
1672   \ifx\thesis@type\thesis@rigorous%
1673     \let\@A\relax\newlength{\@A}
1674     \settowidth{\@A}{\thesis@{@{advisorSignature}}}
1675     \setlength{\@A}{\@A+1cm}
1676     \hfill\raisebox{-0.5em}{\parbox{\@A}{
1677       \centering
1678       \rule{\@A}{1pt}\
1679       \thesis@{@{advisorSignature}}
1680     }}
1681   \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.

```

1682 \def\thesis@blocks@declaration{%
1683   \thesis@blocks@clear%
1684   \begin{alwaysingle}%
1685     \chapter*{\thesis@{@{declarationTitle}}}%

```

```

1686 \thesis@declaration%
1687 \vskip 2cm%
1688 \hfill\thesis@author%
1689 \par\vfill%
1690 \textbf{\thesis@{advisorTitle}:} \thesis@advisor%
1691 \par\vfil%
1692 \end{alwaysingle}}

```

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

```

1693 \def\thesis@preamble{%
1694 \thesis@blocks@cover%
1695 \thesis@blocks@titlePage%
1696 \thesis@blocks@frontMatter%
1697 \thesis@blocks@assignment%
1698 \thesis@blocks@declaration%
1699 \thesis@blocks@thanks%
1700 \thesis@blocks@clearRight%
1701 \thesis@blocks@abstract%
1702 \thesis@blocks@keywords%
1703 \thesis@blocks@tables%
1704 \thesis@blocks@mainMatter}

```

3.6.4 The style files of the Faculty of Science

3.6.4.1 The `style/mu/fithesis-sci.sty` file

This is the style file for the theses written at the Faculty of Science at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty².

```

1705 \NeedsTeXFormat{LaTeX2e}
1706 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

1707 \thesis@color@setup{
1708 links={HTML}{20E366},
1709 tableEmph={HTML}{8EDEAA},
1710 tableOdd={HTML}{EDF7F1},
1711 tableEven={HTML}{CCEDD8}}

```

The file freely uses Czech locale strings within the macros.

```

1712 \thesis@requireLocale{czech}

```

The file loads the following packages:

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

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

```

1713 \thesis@require{tikz}
1714 \thesis@require{changepage}

```

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

```

1715 \ifx\thesis@type\thesis@bachelors\else
1716 \ifx\thesis@type\thesis@masters\else
1717   \thesis@blocks@assignment@false
1718 \fi\fi

```

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

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

```

1719 \def\thesis@blocks@bibEntry{%
1720   \begin{alwaysingle}%
1721   {% Start the new chapter without clearing the right page
1722     {\def\cleardoublepage{}}%
1723     \chapter*{\thesis@czech@bib@title}}%
1724   % Calculate the width of the columns
1725   \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1726     \bf\thesis@czech@bib@author:}}
1727   \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1728     \bf\thesis@czech@bib@thesisTitle:}}
1729   \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1730     \bf\thesis@czech@bib@programme:}}
1731   \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1732     \bf\thesis@czech@bib@field:}}
1733   % Unless this is a rigorous thesis, we will be typesetting the
1734   % name of the thesis advisor.
1735   \let\@E\relax\newlength{\@E}
1736   \ifx\thesis@type\thesis@rigorous%
1737     \setlength{\@E}{0pt}%
1738     \else%

```



```

1739     \settowidth{\@E}{{\bf\thesis@czech@bib@advisor:}}
1740     \fi%
1741 \let\@F\relax\newlength{\@F}\settowidth{\@F}{{%
1742     \bf\thesis@czech@bib@academicYear:}}
1743 \let\@G\relax\newlength{\@G}\settowidth{\@G}{{%
1744     \bf\thesis@czech@bib@pages:}}
1745 \let\@H\relax\newlength{\@H}\settowidth{\@H}{{%
1746     \bf\thesis@czech@bib@keywords:}}
1747 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1748 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1749     max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1750 \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1751     \textwidth-\@left-\@skip}
1752 % Typeset the table
1753 \renewcommand{\arraystretch}{2}
1754 \noindent\begin{thesis@newtable@old}%
1755     {@{}p{\@left}@{\hskip\@skip}p{\@right}@{}%
1756     \textbf{\thesis@czech@bib@author:} &
1757     \noindent\parbox[t]{\@right}{
1758         \thesis@author\\
1759         \thesis@czech@facultyName,
1760         \thesis@czech@universityName\\
1761         \thesis@department
1762     }\\
1763     \textbf{\thesis@czech@bib@thesisTitle:}
1764     & \thesis@title \\
1765     \textbf{\thesis@czech@bib@programme:}
1766     & \thesis@programme \\
1767     \textbf{\thesis@czech@bib@field:}
1768     & \thesis@field \\
1769     % Unless this is a rigorous thesis, typeset the name of the
1770     % thesis advisor.
1771     \ifx\thesis@type\thesis@rigorous\else%
1772     \textbf{\thesis@czech@bib@advisor:}
1773     & \thesis@advisor \\
1774     \fi
1775     \textbf{\thesis@czech@bib@academicYear:}
1776     & \thesis@academicYear \\
1777     \textbf{\thesis@czech@bib@pages:}
1778     & \thesis@pages \\
1779     \textbf{\thesis@czech@bib@keywords:}
1780     & \thesis@TeXkeywords \\
1781 \end{thesis@newtable@old}}
1782 \end{alwaysssingle}}

```

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

`\thesis@english@bib@title` • `\thesis@english@bib@title` – The title of the entire block

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

```

1783 \def\thesis@blocks@bibEntryEn{%
1784   {\thesis@selectLocale{english}
1785    \begin{alwaysssingle}
1786     % Start the new chapter without clearing the right page
1787     {\def\cleardoublepage{}%
1788      \chapter*{\thesis@english@bib@title}}%
1789     {% Calculate the width of the columns
1790      \let\@A\relax\newlength{\@A}\settowidth{\@A}{{%
1791        \bf\thesis@english@bib@author:}}
1792      \let\@B\relax\newlength{\@B}\settowidth{\@B}{{%
1793        \bf\thesis@english@bib@thesisTitle:}}
1794      \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
1795        \bf\thesis@english@bib@programme:}}
1796      \let\@D\relax\newlength{\@D}\settowidth{\@D}{{%
1797        \bf\thesis@english@bib@field:}}
1798      % Unless this is a rigorous thesis, we will be typesetting
1799      % the name of the thesis advisor.
1800      \let\@E\relax\newlength{\@E}
1801      \ifx\thesis@type\thesis@rigorous%
1802        \setlength{\@E}{0pt}%
1803      \else%
1804        \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1805      \fi%
1806      \let\@F\relax\newlength{\@F}\settowidth{\@F}{{%
1807        \bf\thesis@english@bib@academicYear:}}
1808      \let\@G\relax\newlength{\@G}\settowidth{\@G}{{%
1809        \bf\thesis@english@bib@pages:}}
1810      \let\@H\relax\newlength{\@H}\settowidth{\@H}{{%
1811        \bf\thesis@english@bib@keywords:}}
1812      \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1813      \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1814        max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1815      \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1816        \textwidth-\@left-\@skip}
1817      % Typeset the table
1818      \renewcommand{\arraystretch}{2}

```

```

1819 \noindent\begin{thesis@newtable@old}%
1820   {\p{\left}\hskip\@skip\p{\right}\@{}}
1821   \textbf{\thesis@english@bib@author:} &
1822   \noindent\parbox[t]{\right}{
1823     \thesis@author\\
1824     \thesis@english@facultyName,
1825     \thesis@english@universityName\\
1826     \thesis@departmentEn
1827   }\\
1828   \textbf{\thesis@english@bib@thesisTitle:}
1829   & \thesis@titleEn \\
1830   \textbf{\thesis@english@bib@programme:}
1831   & \thesis@programmeEn \\
1832   \textbf{\thesis@english@bib@field:}
1833   & \thesis@fieldEn \\
1834   % Unless this is a rigorous thesis, typeset the name of the
1835   % thesis advisor.
1836   \ifx\thesis@type\thesis@rigorous\else%
1837     \textbf{\thesis@english@bib@advisor:}
1838     & \thesis@advisor \\
1839   \fi
1840   \textbf{\thesis@english@bib@academicYear:}
1841   & \thesis@academicYear \\
1842   \textbf{\thesis@english@bib@pages:}
1843   & \thesis@pages \\
1844   \textbf{\thesis@english@bib@keywords:}
1845   & \thesis@TeXkeywordsEn \\
1846 \end{thesis@newtable@old}}
1847 \end{alwaysssingle}
1848 }}

```

`\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.

```

1849 \def\thesis@blocks@frontMatter{%
1850   \pagestyle{empty}
1851   \parindent 1.5em
1852   \setcounter{page}{1}
1853   \pagenumbering{roman}}

```

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

```

1854 \def\thesis@blocks@cover{%
1855   \ifthesis@cover@
1856     \thesis@blocks@clear
1857     \begin{alwaysssingle}
1858       \thispagestyle{empty}
1859       \begin{center}
1860         {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1861           \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%

```

```

1862         \thesis@titlePage@large\thesis@department}
1863     \vfill
1864     {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1865     \vfill
1866     {\thesis@titlePage@large\thesis@place
1867      \ \thesis@year\hfill\thesis@author}
1868     \end{center}
1869 \end{alwaysssingle}
1870 \fi}

```

`\thesis@blocks@titlePage` The `\thesis@blocks@titlePage` macro typesets the thesis title page. Depending on the value of the `\ifthesis@color@` conditional, the faculty logo is loaded from either `\thesis@logopath`, if false, or from `\thesis@logopath color/`, if true.

```

1871 \def\thesis@blocks@titlePage{%
1872   \thesis@blocks@clear
1873   \begin{alwaysssingle}
1874     \thispagestyle{empty}
1875     % The top of the page
1876     \begin{adjustwidth}{-12mm}{ }
1877       \begin{minipage}{30mm}
1878         \thesis@blocks@universityLogo@color[width=30mm]
1879       \end{minipage}\begin{minipage}{89mm}
1880         \begin{center}
1881           {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1882            \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1883            \thesis@titlePage@normalsize\thesis@department}
1884           \rule{\textwidth}{2pt}\vspace*{2mm}
1885         \end{center}
1886       \end{minipage}\begin{minipage}{30mm}
1887         \thesis@blocks@facultyLogo@color[width=30mm]
1888       \end{minipage}
1889     \end{adjustwidth}
1890     % The middle of the page
1891     \vfill
1892     \parbox\textwidth{% Prevent vfills from squashing the leading
1893       \bf\thesis@titlePage@Huge\thesis@TeXtitle}
1894     {\thesis@titlePage@Huge\\[0.8em]}
1895     {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
1896     {\bf\thesis@titlePage@LARGE\thesis@author\\}
1897     \vfill\noindent
1898     % The bottom of the page
1899     {\bf\thesis@titlePage@normalsize%
1900      % Unless this is a rigorous thesis, typeset the name of the
1901      % thesis advisor.
1902      \ifx\thesis@type\thesis@rigorous\else%
1903        \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1904      \fi%
1905      \thesis@place\ \thesis@year}
1906   \end{alwaysssingle}}

```

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

```

1907 \def\thesis@preamble{%
1908   {\thesis@selectLocale{czech}%
1909    \thesis@blocks@cover%
1910    \thesis@blocks@frontMatter%
1911     \thesis@blocks@titlePage%
1912     \thesis@blocks@clearRight%
1913     \thesis@blocks@bibEntry%
1914     \thesis@blocks@bibEntryEn%
1915     \thesis@blocks@abstract%
1916     \thesis@blocks@abstractEn%
1917     \thesis@blocks@assignment%
1918     \thesis@blocks@thanks%
1919     \thesis@blocks@declaration%
1920     \thesis@blocks@tables}%
1921   \thesis@blocks@mainMatter}

```

3.6.5 The style files of the Faculty of Arts

3.6.5.1 The `style/mu/fithesis-phil.sty` file

This is the style file for the theses written at the Faculty of Arts at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty³.

```

1922 \NeedsTeXFormat{LaTeX2e}
1923 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

1924 \thesis@color@setup{
1925   links={HTML}{6FCEF2},
1926   tableEmph={HTML}{78CEF0},
1927   tableOdd={HTML}{EBF6FA},
1928   tableEven={HTML}{D0EBF5}}

```

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

```

1929 \thesis@blocks@titlePage@department@true
1930 \thesis@blocks@titlePage@field@true

```

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

```

1931 \def\thesis@preamble{%
1932   \thesis@blocks@cover%
1933   \thesis@blocks@titlePage%
1934   \thesis@blocks@frontMatter%

```

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

```

1935 \thesis@blocks@declaration%
1936 \thesis@blocks@thanks%
1937 \thesis@blocks@tables%
1938 \thesis@blocks@mainMatter}

```

3.6.6 The style files of the Faculty of Education

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

This is the style file for the theses written at the Faculty of Education at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty⁴.

```

1939 \NeedsTeXFormat{LaTeX2e}
1940 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

1941 \thesis@color@setup{
1942   links={HTML}{FFA02F},
1943   tableEmph={HTML}{FFBB6B},
1944   tableOdd={HTML}{FFF1E0},
1945   tableEven={HTML}{FFDEB7}}

```

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

```

1946 \thesis@blocks@titlePage@department@true
1947 \def\thesis@blocks@titlePage@content{%
1948   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1949   {\thesis@titlePage@large\sc\thesis@@{typeName}}\vskip{0.3in}}
1950   {\thesis@titlePage@Large\bf\thesis@author}
1951   % Typeset the name of the thesis advisor.
1952   {\thesis@titlePage@large\vskip{0.3in}}
1953   {\bf\thesis@@{advisorTitle}:} \thesis@advisor}}

```

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

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

```

1954 \def\thesis@blocks@bibEntry{%
1955   \chapter*{\thesis@@{bib@title}}
1956   \noindent\thesis@upper{author@tail}, \thesis@author@head.
1957   \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
1958   \thesis@@{facultyName}, \thesis@department, \thesis@year.
1959   \thesis@pages\thesis@@{bib@pages}.
1960   \thesis@@{advisorTitle}: \thesis@advisor}

```

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

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

```

1961 \def\thesis@preamble{%
1962   \thesis@blocks@cover%
1963   \thesis@blocks@titlePage%
1964   \thesis@blocks@frontMatter%
1965   \thesis@blocks@bibEntry%
1966   \thesis@blocks@clearRight%
1967   \thesis@blocks@abstract%
1968   \thesis@blocks@abstractEn%
1969   \thesis@blocks@keywords%
1970   \thesis@blocks@keywordsEn%
1971   \thesis@blocks@declaration%
1972   \thesis@blocks@thanks%
1973   \thesis@blocks@tables%
1974   \thesis@blocks@mainMatter}

```

3.6.7 The style files of the Faculty of Social Studies

3.6.7.1 The style/mu/fithesis-fss.sty file

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. Because of the inexistence of faculty-wide formal requirements and recommendations with each department defining their own with varying degrees of rigour⁵, this style is a mere skeleton, which is unlikely to satisfy the exact requirements of any department and will require modification by the user.

```

1975 \NeedsTeXFormat{LaTeX2e}
1976 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

1977 \thesis@color@setup{
1978   links={HTML}{58EDD7},
1979   tableEmph={HTML}{69D6C6},
1980   tableOdd={HTML}{E3F1EE},
1981   tableEven={HTML}{C5E3DF}}

```

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

```

1982 \def\thesis@blocks@frontMatter{%
1983   \pagestyle{plain}
1984   \parindent 1.5em
1985   \setcounter{page}{1}
1986   \pagenumbering{roman}}

```

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

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

```

1987 \def\thesis@preamble{%
1988   \thesis@blocks@cover%
1989   \thesis@blocks@titlePage%
1990   \thesis@blocks@frontMatter%
1991   \thesis@blocks@clearRight%
1992   \thesis@blocks@abstract%
1993   \thesis@blocks@abstractEn%
1994   \thesis@blocks@keywords%
1995   \thesis@blocks@keywordsEn%
1996   \thesis@blocks@assignment%
1997   \thesis@blocks@declaration%
1998   \thesis@blocks@thanks%
1999   \thesis@blocks@tables%
2000   \thesis@blocks@mainMatter}

```

3.6.8 The style files of the Faculty of Law

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

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

```

2001 \NeedsTeXFormat{LaTeX2e}
2002 \ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

2003 \thesis@color@setup{
2004   links={HTML}{CF86EB},
2005   tableEmph={HTML}{D39BE8},
2006   tableOdd={HTML}{F2EBF5},
2007   tableEven={HTML}{E5CCED}}

```

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

- `\thesis@locale@facultyLongName` – The name of the faculty combined with the name of the university.

```

2008 \def\thesis@blocks@cover@header{%
2009   {\sc\thesis@titlePage@Large\thesis@{facultyLongName}}\%
2010   \thesis@titlePage@large\thesis@department\\vskip 2em}}
2011 \let\thesis@blocks@titlePage@header=\thesis@blocks@cover@header

```

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

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


```

2012 \def\thesis@blocks@frontMatter{%
2013   \thesis@blocks@clear
2014   \pagestyle{plain}
2015   \parindent 1.5em
2016   \setcounter{page}{1}
2017   \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.

```

2018 \def\thesis@blocks@mainMatter{%
2019   \thesis@blocks@clear
2020   \pagestyle{thesisheadings}
2021   \parindent 1.5em\relax}

```

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

```

2022 \def\thesis@preamble{%
2023   \thesis@blocks@cover%
2024   \thesis@blocks@titlePage%
2025   \thesis@blocks@frontMatter%
2026   \thesis@blocks@declaration%
2027   \thesis@blocks@clearRight%
2028   \thesis@blocks@abstract%
2029   \thesis@blocks@abstractEn%
2030   \thesis@blocks@keywords%
2031   \thesis@blocks@keywordsEn%
2032   \thesis@blocks@thanks%
2033   \thesis@blocks@tables%
2034   \thesis@blocks@mainMatter}

```

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

```

2035 \def\thesis@postamble{%
2036   \thesis@blocks@assignment}

```

3.6.9 The style files of the Faculty of Economics and Administration

3.6.9.1 The `style/mu/fithesis-econ.sty` file

This is the style file for the theses written at the Faculty of Economics and Administration at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty⁷.

```

2037 \NeedsTeXFormat{LaTeX2e}
2038 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2015/06/27]

```

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

The file defines the color scheme of the respective faculty.

```
2039 \thesis@color@setup{
2040   links={HTML}{F27995},
2041   tableEmph={HTML}{E8B88B},
2042   tableOdd={HTML}{F5ECEB},
2043   tableEven={HTML}{EBD8D5}}
```

The file loads the following packages:

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

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

```
2044 \thesis@require{tikz}
2045 \thesis@require{geometry}
2046 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2047 \def\thesis@blocks@cover{%
2048   \ifthesis@cover@
2049     \thesis@blocks@clear
2050     \begin{alwaysingle}
2051       \thispagestyle{empty}
2052       \begin{center}
2053         {\sc\thesis@titlePage@LARGE\thesis@{universityName}}\\
2054         \thesis@titlePage@Large\thesis@{facultyName}\\
2055         \vfill
2056         {\bf\thesis@titlePage@Huge\thesis@{typeName}}
2057         \vfill
2058         {\thesis@titlePage@large\thesis@place
2059          \ \thesis@year\hfill\thesis@author}
2060       \end{center}
2061     \end{alwaysingle}
2062   \fi}
```

The style file configures the title page header to include the name of the field of study and redefines the title page content not to include the author's name and the title page footer to include both the author's and advisor's name, the year and place of the thesis defense in accordance with the formal requirements of the faculty.

```
2063 \thesis@blocks@titlePage@field@true
2064 \def\thesis@blocks@titlePage@content{%
2065   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2066   \ifthesis@english\else
2067     {\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2068   \fi {\[0.3in]\thesis@titlePage@large\sc\thesis@{typeName}}
2069 \def\thesis@blocks@titlePage@footer{%
```

```

2070 {\thesis@titlePage@large
2071   {% Calculate the width of the thesis author and advisor boxes
2072     \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2073       \bf\thesis@{advisorTitle}:}}
2074     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2075     \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2076       \bf\thesis@{authorTitle}:}}
2077     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2078     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2079       max(\@A,\@B)}
2080     \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2081       max(\@C,\@D)}
2082     % Typeset the thesis author and advisor boxes
2083     \vskip 2in\begin{minipage}[t]{\@left}
2084       {\bf\thesis@{advisorTitle}:}\\\thesis@advisor
2085     \end{minipage}\hfill\begin{minipage}[t]{\@right}
2086       {\bf\thesis@{authorTitle}:}\\\thesis@author
2087     \end{minipage}}\[[4em]\thesis@place, \thesis@year}}

```

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

```

2088 \def\thesis@blocks@frontMatter{%
2089   \thesis@blocks@clear
2090   % In case of double-sided typesetting, change the geometry
2091   \ifthesis@twoside@
2092     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2093       right=15mm, includeheadfoot}
2094   \fi\pagestyle{empty}
2095   \parindent 1.5em
2096   \setcounter{page}{1}
2097   \pagenumbering{arabic}}

```

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

```

2098 \def\thesis@blocks@mainMatter{%
2099   \thesis@blocks@clear
2100   \pagestyle{thesisheadings}
2101   \parindent 1.5em\relax}

```

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

```

2102 \def\thesis@blocks@toc{%
2103   \thesis@blocks@clear%
2104   \tableofcontents}

```

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

```

2105 \def\thesis@blocks@tables{%
2106   \thesis@blocks@clear%
2107   \thesis@blocks@lot%
2108   \thesis@blocks@lof}

```

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

```

2109 \def\thesis@preamble{%
2110   \thesis@blocks@cover%
2111   \thesis@blocks@frontMatter%
2112   \thesis@blocks@titlePage%
2113   \thesis@blocks@assignment%
2114   \thesis@blocks@clearRight%
2115   \thesis@blocks@abstract%
2116   \thesis@blocks@abstractEn%
2117   \thesis@blocks@keywords%
2118   \thesis@blocks@keywordsEn%
2119   \thesis@blocks@declaration%
2120   \thesis@blocks@thanks%
2121   \thesis@blocks@toc%
2122   \thesis@blocks@mainMatter}

```

The style file defines the autolayout postamble as the list of tables and the list of figures. All blocks are defined in the `style/mu/base.sty` file, although some are redefined in this file.

```

2123 \def\thesis@postamble{%
2124   \thesis@blocks@tables}

```

3.6.10 The style files of the Faculty of Medicine

3.6.10.1 The `style/mu/fithesis-med.sty` file

This is the style file for the theses written at the Faculty of Medicine at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the Department of Optometry and Orthoptics⁸.

```

2125 \NeedsTeXFormat{LaTeX2e}
2126 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

2127 \thesis@color@setup{
2128   links={HTML}{F58E76},
2129   tableEmph={HTML}{FF9D85},
2130   tableOdd={HTML}{FFF5F6},
2131   tableEven={HTML}{FFDEDF}}

```

The file loads the following packages:

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

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

- `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.

```
2132 \thesis@require{tikz}
2133 \thesis@require{geometry}
2134 \thesis@require{setspace}
2135 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

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

```
2136 \def\thesis@blocks@cover{%
2137   \ifthesis@cover@
2138     \thesis@blocks@clear
2139     \begin{alwaysssingle}
2140       \thispagestyle{empty}
2141       \begin{center}
2142         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\\%
2143         \thesis@titlePage@Large\thesis@@{facultyName}\\}
2144         \vfill
2145         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2146         \vfill
2147         {\thesis@titlePage@large\thesis@place
2148          \ \thesis@year\hfill\thesis@author}
2149       \end{center}
2150     \end{alwaysssingle}
2151   \fi}
```

The style file redefines the title page content not to include the author's name and the title page footer to include both the author's and advisor's name, the field of study and the semester and place of the thesis defense in accordance with the requirements of the department.

```
2152 \def\thesis@blocks@titlePage@content{%
2153   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
2154   {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}}
2155 \def\thesis@blocks@titlePage@footer{%
2156   {\thesis@titlePage@large
2157     {% Calculate the width of the thesis author and advisor boxes
2158       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2159         \bf\thesis@@{advisorTitle}:}}
2160       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2161       \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2162         \bf\thesis@@{authorTitle}:}}
2163       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2164       \let\@E\relax\newlength{\@E}\settowidth{\@E}{%
2165         \bf\thesis@@{fieldTitle}:}}
2166       \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
2167       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2168         max(\@A,\@B)}
```

```

2169 \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2170     max(\@C,\@D,\@E,\@F)}
2171 % Typeset the thesis author and advisor boxes
2172 \vskip 2in\begin{minipage}[t]{\@left}
2173     {\bf\thesis@{advisorTitle}:}\\\thesis@advisor
2174 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2175     {\bf\thesis@{authorTitle}:}\\\thesis@author
2176     \\\[1em]{\bf\thesis@{fieldTitle}:}\\\thesis@field
2177 \end{minipage}}\\\[4em]\thesis@place, \thesis@{semester}}}}

```

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

```

2178 \def\thesis@blocks@frontMatter{%
2179     \thesis@blocks@clear
2180     % In case of double-sided typesetting, change the geometry
2181     \ifthesis@twoside@
2182         \newgeometry{top=25mm,bottom=20mm,left=35mm,
2183             right=15mm, includeheadfoot}
2184     \fi\pagestyle{empty}
2185     \parindent 1.5em
2186     \setcounter{page}{1}
2187     \pagenumbering{arabic}}

```

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

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

```

2188 \def\thesis@blocks@bibEntry{%
2189     \chapter*{\thesis@{bib@title}}
2190     \noindent\thesis@upper{author@tail}, \thesis@author@head.
2191     \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2192     \thesis@{facultyName}, \thesis@department, \thesis@year.
2193     \thesis@pages\ \thesis@{bib@pages}.
2194     \thesis@{advisorTitle}: \thesis@advisor}

```

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

```

2195 \def\thesis@preamble{%
2196     \thesis@blocks@cover%
2197     \thesis@blocks@frontMatter%
2198     \thesis@blocks@titlePage%
2199     \onehalfspacing%
2200     \thesis@blocks@clearRight%

```

```

2201 \thesis@blocks@abstract%
2202 \thesis@blocks@abstractEn%
2203 \thesis@blocks@keywords%
2204 \thesis@blocks@keywordsEn%
2205 \thesis@blocks@bibEntry%
2206 \thesis@blocks@declaration%
2207 \thesis@blocks@thanks%
2208 \thesis@blocks@tables%
2209 \thesis@blocks@mainMatter}

```

3.6.11 The style files of the Faculty of Sports Studies

3.6.11.1 The style/mu/fithesis-fss.sty file

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty⁹.

```

2210 \NeedsTeXFormat{LaTeX2e}
2211 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/06/27]

```

The file defines the color scheme of the respective faculty.

```

2212 \thesis@color@setup{
2213   links={HTML}{93BCF5},
2214   tableEmph={HTML}{A8BDE3},
2215   tableOdd={HTML}{EBEFF5},
2216   tableEven={HTML}{D1DAEB}}

```

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

```

2217 \thesis@blocks@titlePage@field@true

```

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

```

2218 \def\thesis@preamble{%
2219   \thesis@blocks@cover%
2220   \thesis@blocks@titlePage%
2221   \thesis@blocks@frontMatter%
2222   \thesis@blocks@declaration%
2223   \thesis@blocks@thanks%
2224   \thesis@blocks@tables%
2225   \thesis@blocks@mainMatter}

```

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

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Change History

v0.0	General: bachelor project of Daniel Marek under supervision of Petr Sojka	rapport3 [JP]	1
v0.0a	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing	v0.2.01	General: add subsubsection to toc [JP]
v0.1	General: new release, documentation editing (CZ only, sorry) [PS]	v0.2.02	General: fix encoding bug [JP]
v0.1a	General: minor documentation changes (CZ only, sorry) [PS]	v0.2.03	General: fix title spacing [PS, JP]
v0.1b	General: change of default size (11pt→12pt) [JP]	v0.2.04	General: fix SK declaration [Peter Cerensky, JP]
v0.1c	General: default values of \facultyname and \@thesissubtitle set for backward compatibility) [PS]	v0.2.05	General: add English abstract [JP]
v0.1d	General: removed def schapter from fit1*.clo [JP]	v0.2.06	General: fix : behind Advisor [JP]
v0.1e	General: add Brno to MU title [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]
v0.1f	General: add documentation for hyperref [JP]	v0.2.08	General: add change of University name [JP]
v0.1g	General: change of default size (12pt→11pt) [JP]	v0.2.09	General: add EN version of University name [JP]
v0.2.00	General: add sk lang [JP, Peter Cerensky] set default cls class to	v0.2.10	General: fix EN name of Acknowledgement [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. http://github.com/liskin/fithesis . . . 1	[VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) 1
v0.3.00	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	v0.3.06 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
v0.3.01	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	v0.3.07 General: Replaced the \thesiswoman command with \thesisgender. [VN] 1
v0.3.02	General: PDF metadata stamping added for \thesisitle and \thesisstudent [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
v0.3.03	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	v0.3.09 General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] 1
v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN] 1	v0.3.10 General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packages listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the
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)	

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

v0.3.18	General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output fithesis3.ctan.zip archive. Updated the license notice. Added a README file. Canonicalized a url within the user guides. Renamed the root directory from fithesis3/ to fithesis/. Refactored the makefiles. Added developer example files. Renamed docstrip.cfg to LICENSE.tex to better describe its role. The fithesis.dtx file now generates a VERSION.tex file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN]	1
v0.3.19	General: Updated the license. Added the fithesis- prefix to locale files. Proofread and updated the documentation. Encapsulated the localeInheritance and styleInheritance setters. Added the \thesis@selectLocale{...}, which acts as a replacement for \def\thesis@locale{...}, which also switches hyphen-	
	ation 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 \thesis@selectLocale. 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 \hypersetup option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN]	1
v0.3.21	General: Fixed an invalid font name. [VN]	1
v0.3.22	General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN]	1
v0.3.23	General: Fixed a typo in the Slovak locale. [VN]	1