

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

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Abstract

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

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1 Required classes and packages

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 private `\thesis@basepath` macro, whose implicit value is `fithesis3/`.

```

12 \def\thesis@basepath{fithesis3/}
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 loading the logo. The *path* is normalized using the private `\thesis@subdir` macro and stored within the private `\thesis@logopath` macro, whose implicit value is `\thesis@basepath` followed by `logo/\thesis@university/`. By default, this expands to `fithesis3/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@subdir` The `\thesis@subdir` private macro returns `/` unchanged, coerces `..`, `...`, `/path`, `./path` and `../path` to `./`, `../`, `/path/`, `./path/` and `../path/`, respectively, and coerces any other *path* into `\thesis@basepath path/`.

```

23 \def\thesis@subdir#1#2#3#4\empty{%
24   \ifx#1\empty%           <empty> -> <basepath>
25     \thesis@basepath
26   \else
27     \if#1/%
28       \ifx#2\empty%       / -> /
29       /%
30       \else%              /<path> -> /<path>/
31       #1#2#3#4/%
32     \fi
33   \else%
34     \if#1.%
35       \ifx#2\empty%       . -> ./
36       ./%

```

```

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

```

`\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 private `\thesis@subdir` macro and stored within the private `\thesis@stylepath` macro, whose implicit value is `\thesis@basepath style/`. By default, this expands to `fithesis3/style/`.

```

61 \def\thesis@stylepath{\thesis@basepath style/}
62 \define@key{thesis}{stylepath}{%
63   \def\thesis@stylepath{\thesis@subdir#1%
64     \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 private `\thesis@subdir` macro and stored within the private `\thesis@localepath` macro, whose implicit value is `\thesis@basepath followed by locale/`. By default, this expands to `fithesis3/locale/`.

```

65 \def\thesis@localepath{\thesis@basepath locale/}
66 \define@key{thesis}{localepath}{%
67   \def\thesis@localepath{\thesis@subdir#1%
68     \empty\empty\empty\empty}}

```

`\thesis@def` The `\thesis@def[<key>]{<name>}` private macro defines the private `\thesis@name` macro to expand to either `«key»`, if specified, or to `«name»`. The macro serves to provide the placeholder string for user-defined 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 `{(declaration=text)}` pair sets the declaration *text* to be included into the document. `\thesis@basepath` followed by *path*. The *text* is stored within the private `\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 `{(gender=char)}` pair sets the author's gender to either a male, if *char* is the character *m*, or to a female. The gender can be tested using the `\ifthesis@woman ... \else ... \fi` conditional. The implicit gender is male.

```
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

`\thesis@parseAuthor` The `{(author=name)}` pair sets the author's full name to *name*. The *name* is parsed using the private macro and stored within the following private 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 $\{\langle id=identifier \rangle\}$ pair sets the identifier of the thesis author to *identifier*. This usually corresponds to a 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 $\{\langle type=type \rangle\}$ pair sets the type of the thesis to *type*. The following types of theses are recognized:

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

The *type* is stored within the private `\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
\thesis@masters
\thesis@doctoral
\thesis@rigorous
97 \def\thesis@bachelors{bc}
98 \def\thesis@masters{mgr}
99 \def\thesis@doctoral{d}
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=id}` pair sets the identifier of the university, at which the thesis is being written, to *id*. The *id* is stored within the private `\thesis@university` macro, whose implicit value is `mu`. The `\thesis@university` macro is used by the `\thesis@logopath` macro and when loading the style and locale files using the `\thesis@load` macro. It allows for the usage of the class at universities other than the Masaryk University in Brno without the need to alter the code.

```
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=domain}` pair sets the faculty, at which the thesis is being written, to *domain*. The following *domain* names are recognized:

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 *domain* name is stored within the private `\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*. The *name* is stored within the private `\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 private `\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 `{\programme=name}}` pair sets the name of the author's study programme to *name*. The *name* is stored within the private `\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 `{\programmeEn=name}}` pair sets the English name of the author's study programme to *name*. The *name* is stored within the private `\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 `{\field=name}}` pair sets the name of the author's field of study to *name*. The *name* is stored within the private `\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 `{\fieldEn=name}}` pair sets the English name of the author's field of study to *name*. The *name* is stored within the private `\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 to *filename*. The *filename* is stored within the private `\thesis@universityLogo` macro, whose implicit value is `base`. The logo file is loaded from the `\thesis@logopath` `\thesis@logo` path.

```
128 \def\thesis@universityLogo{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 to *filename*. The *filename* is stored within the private `\thesis@facultyLogo` macro, whose implicit value is `\thesis@faculty`. The logo file is loaded from the `\thesis@logopath` `\thesis@logo` path.

```
131 \def\thesis@facultyLogo{\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 private `\thesis@style` macro, whose implicit value is `\thesis@university/fithesis3-\thesis@faculty`. The style file is loaded from the `\thesis@stylepath` `\thesis@style` path.

```
134 \def\thesis@style{\thesis@university/fithesis3-\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 effects of the inheritance are documented within the subsection documenting the `\thesis@load` macro. The setting 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   \def\@true{true}%
140   \def\@arg{#1}%
141   \ifx\@true\@arg%
142     \thesis@style@inheritancetrue%
143   \else%
144     \thesis@style@inheritancefalse%
145   \fi}
```

`\thesis@locale` 2.2.22 The locale key

The `{\locale=filename}` pair sets the filename of the locale file(s) to be used to *filename*. The *filename* is stored within the private `\thesis@locale` macro, whose implicit value is the main language of either the `babel` or the `polyglossia` package, or `english`, when undefined. If the inheritance is disabled for locale files, the locale file is loaded from the `\thesis@localepath\thesis@locale` path.

```
146 \def\thesis@locale{%
147   % Babel detection
148   \ifx\language\undefined%
149     english\else\language\fi}
150 \define@key{thesis}{locale}{%
151   \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.

```
152 \def\ifthesis@english{
153   \expandafter\def\expandafter\@english\expandafter{\string%
154     \english}%
155   \expandafter\expandafter\expandafter\def\expandafter%
156     \expandafter\expandafter\@locale\expandafter\expandafter%
157     \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
158   \expandafter\csname\expandafter i\expandafter f\@locale%
159     \@english%
160     true%
161     \else%
162     false%
163     \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 effects of the inheritance are documented within the subsection documenting the `\thesis@load` macro. The setting can be tested using the `\ifthesis@locale@inheritance ... \else ... \fi` conditional. Inheritance is enabled for locale files by default.

```
164 \newif\ifthesis@locale@inheritance\thesis@locale@inheritancetrue
165 \define@key{thesis}{localeInheritance}[true]{%
166   \def\@true{true}%
167   \def\@arg{#1}%
168   \ifx\@true\@arg%
169     \thesis@locale@inheritancetrue%
170   \else%
171     \thesis@locale@inheritancefalse%
172   \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` private macro within the following private macros:

<code>\thesis@parseDate</code>	
<code>\thesis@date</code>	• <code>\thesis@date</code> – The whole date
<code>\thesis@year</code>	• <code>\thesis@year</code> – The year
<code>\thesis@month</code>	• <code>\thesis@month</code> – The month
<code>\thesis@day</code>	• <code>\thesis@day</code> – The day of month
<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.

```

173 \def\thesis@parseDate#1/#2/#3|{{
174   % Basic info
175   \gdef\thesis@date{#1/#2/#3}%
176   \gdef\thesis@year{#1}%
177   \gdef\thesis@month{#2}%
178   \gdef\thesis@day{#3}%
179
180   % Season and academic year
181   \newcount\@year \expandafter\@year \thesis@year \relax%
182   \newcount\@month \expandafter\@month \thesis@month \relax%
183   \ifnum\@month<7%
184     \gdef\thesis@season{winter}%
185     \advance\@year-1\edef\@yearA{\the\@year}%
186     \advance\@year 1\edef\@yearB{\the\@year}%
187   \else%
188     \gdef\thesis@season{summer}%
189     \edef\@yearA{\the\@year}%
190     \advance\@year 1\edef\@yearB{\the\@year}%
191   \fi%
192   \global\edef\thesis@academicYear{\@yearA/\@yearB}}
193
194 \edef\thesis@date{\the\year/\the\month/\the\day}%
195 \expandafter\thesis@parseDate\thesis@date|%
```

```

196
197 \define@key{thesis}{date}{{%
198   \edef\@date{#1}%
199   \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 private `\thesis@place` macro, whose implicit value is Brno.

```

200 \def\thesis@place{Brno}
201 \define@key{thesis}{place}{%
202   \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 private `\thesis@title` macro.

```

203 \thesis@def{title}
204 \define@key{thesis}{title}{%
205   \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 as well as in the Bib \TeX file containing the bibliographical entry for the thesis. The *title* is stored within the private `\thesis@TeXtitle` macro, whose implicit value is `\thesis@title`.

```

206 \def\thesis@TeXtitle{\thesis@title}
207 \define@key{thesis}{TeXtitle}{%
208   \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 private `\thesis@titleEn` macro.

```

209 \thesis@def{titleEn}
210 \define@key{thesis}{titleEn}{%
211   \def\thesis@titleEn{#1}}

```

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

The `{\TeXtitleEn=title}` pair sets the English \TeX title of the thesis to *title*. The *title* is used, when typesetting the title, whereas `\thesis@titleEn` is a plain text. The *title* is stored within the private `\thesis@TeXtitleEn` macro, whose implicit value is `\thesis@titleEn`.

```
212 \def\thesis@TeXtitleEn{\thesis@titleEn}
213 \define@key{thesis}{TeXtitleEn}{%
214   \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 private `\thesis@keywords` macro.

```
215 \thesis@def{keywords}
216 \define@key{thesis}{keywords}{%
217   \def\thesis@keywords{#1}}
```

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

The `{\TeXkeywords=list}` pair sets the \TeX keywords of the thesis to the comma-delimited *list*. The *list* is used, when typesetting the keywords, whereas `\thesis@keywords` is a plain text. The *list* is stored within the private `\thesis@TeXkeywords` macro.

```
218 \def\thesis@TeXkeywords{\thesis@keywords}
219 \define@key{thesis}{TeXkeywords}{%
220   \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 private `\thesis@keywordsEn` macro.

```
221 \thesis@def{keywordsEn}
222 \define@key{thesis}{keywordsEn}{%
223   \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. The *list* is stored within the private `\thesis@TeXkeywordsEn` macro.

```
224 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
225 \define@key{thesis}{TeXkeywordsEn}{%
226   \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 private `\thesis@abstract` macro.

```
227 \thesis@def{abstract}  
228 \long\def\KV@thesis@abstract#1{%  
229   \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 private `\thesis@abstractEn` macro.

```
230 \thesis@def{abstractEn}  
231 \long\def\KV@thesis@abstractEn#1{%  
232   \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 private `\thesis@advisor` macro.

```
233 \thesis@def{advisor}  
234 \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 private `\thesis@thanks` macro.

```
235 \long\def\KV@thesis@thanks#1{%  
236   \long\def\thesis@thanks{#1}}
```

`\thesis@assignmentFiles` **2.2.38 The assignment key**

The `{\assignment=list}` pair sets the comma-separated list of paths (and optional page spec specifiers, see the `pdfpages` package `\includepdfmerge` command documentation) to the pdf files containing the thesis assignment to *list*. The *list* is stored within the `\thesis@assignmentFiles` private macro. When defined, the PDF files are injected into the resulting document instead of the placeholder `\thesis@@{assignment}` string.

```
237 \define@key{thesis}{assignment}{%  
238   \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` private macros at the beginning and the end of the document, respectively. The setting can be tested using the `\ifthesis@auto ... \else ... \fi` conditional. The autolayout is enabled by default.

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

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

```
248 \def\thesis@preamble{}
249 \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 for the following *keys* as an alternative to the `\thesissetup` public macro, which only permits a single paragraph as the *value*:

- abstract
- abstractEn
- thanks
- declaration

```
250 \long\def\thesislong#1#2{%
251   \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 inserted manually prior to that, if necessary to prevent package clashes. The `\ifthesis@loaded` semaphore ensures that the expansion is only performed once.

```

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

```

First, the main locale file is loaded using the `\thesis@requireLocale` macro.

```

258     % Load the main locale file
259     \thesis@requireLocale{\thesis@locale}

```

Consequently, the style files are loaded with the class options passed onto them. If inheritance is enabled for style files, then each of the following files is loaded in sequence, if they exist:

1. `\thesis@stylepath fithesis3-base.sty`
2. `\thesis@stylepath\thesis@university/fithesis3-base.sty`
3. `\thesis@stylepath\thesis@style.sty`

If inheritance is disabled for style files, then only the `\thesis@stylepath\thesis@style.sty` file is loaded. The `fithesis3-` prefix serves to prevent package clashes with other similarly named package files within the \TeX directory structure.

```

260     \ifthesis@style@inheritance
261       \thesis@requireStyle{\thesis@stylepath fithesis3-base}
262       \thesis@requireStyle{\thesis@stylepath\thesis@university%
263         /fithesis3-base}
264     \fi
265     \thesis@requireStyle{\thesis@stylepath\thesis@style}

```

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

- Title is set to `\thesis@title`.
- Author is set to `\thesis@author`.
- Keywords is set to `\thesis@keywords`.
- Creator is set to `2015/05/09 v0.3.10 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%
```

Lastly, a Bib_T_EX file named `\jobname.bib` containing the bibliographical entry for the thesis is scheduled to be generated at the end of the document in the working directory using the `\thesis@bibgen` macro and the `\thesis@pages` private 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}` private 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@input#1{%
284 \thesis@exists{#1}{\input{#1}}}
```

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

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

`\thesis@require` The `\thesis@require{package}` expands to `\RequirePackage{package}`, if the specified *package* has not yet been loaded. This generally serves to prevent options clashes, when the options with which the package had been loaded are of no consequence.

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

`\thesis@requireStyle` The `\thesis@requireStyle{package}` expands to `\RequirePackageWithOptions{package}`, if the specified *package* exists and has not yet been loaded. This generally serves to load style files.

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

`\thesis@requireLocale` The `\thesis@requireLocale{locale}` private macro loads locale files of the specified *locale*, if they haven't been loaded before. If inheritance is enabled for locale files, then the following directories are used:

1. \thesis@localepath
2. \thesis@localepath\thesis@university/
3. \thesis@localepath\thesis@university/\thesis@faculty/

If inheritance is disabled for locale files, then only the \thesis@localepath directory is used. The macro can be used within both locale and style files, although the usage within locale files is strongly discouraged to prevent circular dependencies.

```

292 \def\thesis@requireLocale#1{%
293   % Prevent redundant entries
294   \expandafter\ifx\csname thesis@#1@required\endcsname\relax%
295     \expandafter\def\csname thesis@#1@required\endcsname{%
296       \thesis@input{\thesis@localepath#1.def}
297       \ifthesis@locale@inheritance%
298         \thesis@input{\thesis@localepath\thesis@university/#1.def}%
299         \thesis@input{\thesis@localepath\thesis@university/
300           \thesis@faculty/#1.def}%
301       \fi%
302     \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.

```

303 \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. name gets fully expanded and can therefore contain active characters and command sequences.

```

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

```

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

```

305 \def\thesis@lower#1{{%
306   \let\ea\expandafter%
307   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\lowercase\ea\ea\ea
308   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
309   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
310   sis@#1\endcsname\endcsname}}%
311 \def\thesis@upper#1{{%
312   \let\ea\expandafter%
313   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\uppercase\ea\ea\ea
314   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
315   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
316   sis@#1\endcsname\endcsname}}%

```

<code>\thesis@@lower</code> <code>\thesis@@upper</code>	<p>The <code>\thesis@@lower</code> and <code>\thesis@@upper</code> private macros are used for upper- and lowercasing current <i>locale</i> strings within style files. To cast the <code>\thesis@locale@name</code> macro to the lower- or uppercase, <code>\thesis@@lower{name}</code> or <code>\thesis@@upper{name}</code> would be used, respectively. <i>name</i> gets fully expanded and can therefore contain active characters and command sequences.</p> <pre> 317 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}} 318 \def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}}</pre>
<code>\thesis@head</code> <code>\thesis@tail</code>	<p>The <code>\thesis@head</code> and <code>\thesis@tail</code> private macros are used for retrieving a head or a tail of space-separated token sequences, which end with <code>\relax</code>.</p> <pre> 319 \def\thesis@head#1 #2{% 320 \ifx\relax#2% 321 \expandafter\@gobbletwo% 322 \else% 323 \ #1% 324 \fi% 325 \thesis@head#2}% 326 \def\thesis@tail#1 #2{% 327 \ifx\relax#2% 328 #1% 329 \expandafter\@gobbletwo% 330 \fi% 331 \thesis@tail#2}%</pre>

3.4 General purpose macros

<code>\thesis@pages</code>	<p>The <code>\thesis@pages</code> macro is defined at the beginning of the second \LaTeX run as a part of the main routine (see Section 3.1). During the first run, the macro expands to ??.</p> <pre> 332 \ifx\thesis@pages\undefined\def\thesis@pages{??}\fi</pre>
----------------------------	---

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).

<code>\file</code>	<p>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 <i>docstrip</i> tool based on the respective ins file. A macro <code>\file{<filename>}</code> is available for the sectioning the documentation of various files within the dtx file. <i>filename</i>. For more information about dtx files and the <i>docstrip</i> tool, consult the <i>dtxtut</i>, <i>docstrip</i>, <i>doc</i> and <i>ltxdoc</i> manuals.</p>
--------------------	--

3.5.1 Interface

The union of locale files named *locale.def*, where *locale* is the result of the expansion of `\thesis@locale`, loaded via main routine's inheritance scheme (see Section 3.1) needs to define the following private macros:

- `\thesis@locale@universityName` – The name of the university
- `\thesis@locale@facultyName` – The name of the faculty
- `\thesis@locale@assignment` – Instructions to replace the current page with the official thesis assignment
- `\thesis@locale@declaration` – The declaration text
- `\thesis@locale@fieldTitle` – The title of the field of study entry
- `\thesis@locale@advisorTitle` – The title of the advisor
- `\thesis@locale@authorTitle` – The title of the author
- `\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

3.5.2 English locale files

3.5.2.1 The `locale/english.def` file

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

```

333 \ProvidesFile{fithesis3/locale/english.def}[2015/04/18]
334
335 % Placeholders
336 \def\thesis@english@universityName{University name}
337 \def\thesis@english@facultyName{Faculty name}
338 \def\thesis@english@assignment{Replace this page with a copy
339   of the official signed thesis assignment.}
340 \def\thesis@english@declaration{Declaration text ...}
341
342 % Miscellaneous
343 \def\thesis@english@fieldTitle{Field of study}
344 \def\thesis@english@advisorTitle{Advisor}
345 \def\thesis@english@authorTitle{Author}
346 \def\thesis@english@abstractTitle{Abstract}

```

```

347 \def\thesis@english@keywordsTitle{Keywords}
348 \def\thesis@english@thanksTitle{Acknowledgement}
349 \def\thesis@english@declarationTitle{Declaration}
350 \def\thesis@english@idTitle{ID}
351 \def\thesis@english@winter{Spring}
352 \def\thesis@english@summer{Fall}
353 \def\thesis@english@semester{%
354   \thesis@{english@\thesis@season} \thesis@year}
355 \def\thesis@english@typeName{%
356   \ifx\thesis@type\thesis@bachelors%
357     Bachelor's Thesis%
358   \else\ifx\thesis@type\thesis@masters%
359     Master's Thesis%
360   \else\ifx\thesis@type\thesis@doctoral%
361     Doctoral Thesis%
362   \else\ifx\thesis@type\thesis@rigorous%
363     Rigorous Thesis%
364   \else%
365     <<Unknown thesis type (\thesis@type)>>%
366   \fi\fi\fi\fi}

```

3.5.2.2 The locale/mu/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.

```

367 \ProvidesFile{fithesis3/locale/mu/english.def}[2015/04/18]
368 \def\thesis@english@universityName{Masaryk University}
369 \def\thesis@english@declaration{%
370   Hereby I declare that this paper is my original authorial work,
371   which I have worked out by my own. All sources, references and
372   literature used or excerpted during elaboration of this work are
373   properly cited and listed in complete reference to the due source.}
374
375 % Miscellaneous
376 \def\thesis@english@idTitle{UČO}

```

3.5.2.3 The locale/mu/law/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.

```

377 \ProvidesFile{fithesis3/locale/mu/law/english.def}[2015/04/18]
378 \def\thesis@english@facultyName{The Faculty of Law}
379 \def\thesis@english@facultyLongName{The Faculty of Law of the
380   Masaryk University}

```

3.5.2.4 The locale/mu/fsps/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.

```
381 \ProvidesFile{fithesis3/locale/mu/fsps/english.def}[2015/04/18]
382
383 % Placeholders
384 \def\thesis@english@facultyName{Faculty of Sports Studies}
385
386 % Miscellaneous
387 \def\thesis@english@fieldTitle{Specialization}
```

3.5.2.5 The locale/mu/fss/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 string with the correct value.

```
388 \ProvidesFile{fithesis3/locale/mu/fss/english.def}[2015/04/18]
389
390 % Placeholders
391 \def\thesis@english@facultyName{Faculty of Social Studies}
392 \def\thesis@english@assignment{Replace this page with a copy
393   of the official signed thesis assignment or the copy of the
394   Statement of an Author or both, depending on the requirements of
395   the respective department.}
```

3.5.2.6 The locale/mu/econ/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.

```
396 \ProvidesFile{fithesis3/locale/mu/econ/english.def}[2015/04/18]
397 \def\thesis@english@facultyName{Faculty of Economics
398   and Administration}
```

3.5.2.7 The locale/mu/med/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/fithesis3-med.sty style file.

```
399 \ProvidesFile{fithesis3/locale/mu/med/english.def}[2015/04/18]
400
401 % Miscellaneous
402 \def\thesis@english@abstractTitle{Annotation}
403
404 % Placeholders
```



```

405 \def\thesis@english@facultyName{Faculty of Medicine}
406
407 % Bibliographic entry
408 \def\thesis@english@bib@title{Bibliographic record}
409 \def\thesis@english@bib@pages{p}

```

3.5.2.8 The locale/mu/fi/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 updates 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/fithesis3-fi.sty` style file.

```

410 \ProvidesFile{fithesis3/locale/mu/fi/english.def}[2015/04/26]
411
412 % Placeholders
413 \def\thesis@english@facultyName{Faculty of Informatics}
414 \def\thesis@english@assignment{Replace this page with a copy
415   of the official signed thesis assignment and the copy of the
416   Statement of an Author.}
417
418 % Others
419 \def\thesis@english@advisorSignature{Signature of Thesis
420   \thesis@english@advisorTitle}

```

3.5.2.9 The locale/mu/phil/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.

```

421 \ProvidesFile{fithesis3/locale/mu/phil/english.def}[2015/04/18]
422 \def\thesis@english@facultyName{Faculty of Arts}

```

3.5.2.10 The locale/mu/ped/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/fithesis3-ped.sty` style file.

```

423 \ProvidesFile{fithesis3/locale/mu/ped/english.def}[2015/04/26]
424
425 % Placeholders
426 \def\thesis@english@facultyName{Faculty of Education}
427
428 % Bibliographic entry
429 \def\thesis@english@bib@title{Bibliographic record}
430 \def\thesis@english@bib@pages{p}

```

3.5.2.11 The locale/mu/sci/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/fithesis3-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.

```
431 \ProvidesFile{fithesis3/locale/mu/sci/english.def}[2015/04/18]
432
433 % Placeholders
434 \def\thesis@english@facultyName{Faculty of Science}
435
436 % Miscellaneous
437 \let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
438
439 % Bibliographic entry
440 \def\thesis@english@bib@title{Bibliographic entry}
441 \let\thesis@english@bib@author\thesis@english@authorTitle
442 \def\thesis@english@bib@thesisTitle{Title of Thesis}
443 \def\thesis@english@bib@programme{Degree Programme}
444 \let\thesis@english@bib@field\thesis@english@fieldTitle
445 \def\thesis@english@bib@advisor{Supervisor}
446 \def\thesis@english@bib@academicYear{Academic Year}
447 \def\thesis@english@bib@pages{Number of Pages}
448 \let\thesis@english@bib@keywords\thesis@english@keywordsTitle
```

3.5.3 Czech locale files

3.5.3.1 The locale/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@typeName@akuzativ` containing the accusative case of the thesis type name.

```
449 \ProvidesFile{fithesis3/locale/czech.def}[2015/04/18]
450
451 % Pomocná makra
452 \def\thesis@czech@gender@koncovka{%
453   \ifthesis@woman a\fi}
454
455 % Zástupné texty
456 \def\thesis@czech@universityName{Název univerzity}
457 \def\thesis@czech@facultyName{Název fakulty}
458 \def\thesis@czech@assignment{Místo tohoto listu vložte kopii
459   oficiálního podepsaného zadání práce.}
460 \def\thesis@czech@declaration{Text prohlášení ...}
```

```

461
462 % Různé
463 \def\thesis@czech@fieldTitle{Obor}
464 \def\thesis@czech@advisorTitle{Vedoucí práce}
465 \def\thesis@czech@authorTitle{Autor}
466 \def\thesis@czech@abstractTitle{Shrnutí}
467 \def\thesis@czech@keywordsTitle{Klíčová slova}
468 \def\thesis@czech@thanksTitle{Poděkování}
469 \def\thesis@czech@declarationTitle{Prohlášení}
470 \def\thesis@czech@idTitle{ID}
471 \def\thesis@czech@winter{Jaro}
472 \def\thesis@czech@summer{Podzim}
473 \def\thesis@czech@semester{%
474   \thesis@czech@\thesis@season} \thesis@year}
475 \def\thesis@czech@typeName{%
476   \ifx\thesis@type\thesis@bachelors%
477     Bakalářská práce%
478   \else\ifx\thesis@type\thesis@masters%
479     Diplomová práce%
480   \else\ifx\thesis@type\thesis@doctoral%
481     Disertační práce%
482   \else\ifx\thesis@type\thesis@rigorous%
483     Rigorózní práce%
484   \else%
485     <<Neznámý typ práce (\thesis@type)>>%
486     \fi\fi\fi\fi}
487 \def\thesis@czech@typeName@akuzativ{%
488   \ifx\thesis@type\thesis@bachelors%
489     Bakalářskou práci%
490   \else\ifx\thesis@type\thesis@masters%
491     Diplomovou práci%
492   \else\ifx\thesis@type\thesis@doctoral%
493     Disertační práci%
494   \else\ifx\thesis@type\thesis@rigorous%
495     Rigorózní práci%
496   \else%
497     <<Neznámý typ práce (\thesis@type)>>%
498     \fi\fi\fi\fi}

```

3.5.3.2 The locale/mu/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.

```

499 \ProvidesFile{fithesis3/locale/mu/czech.def}[2015/04/26]
500
501 % Zástupné texty
502 \def\thesis@czech@universityName{Masarykova Univerzita}
503 \def\thesis@czech@declaration{Prohlašuji, že jsem
504   \thesis@lower{czech@typeName@akuzativ} zpracoval%

```

```

505 \thesis@czech@gender@koncovka\ samostatně a
506 použil\thesis@czech@gender@koncovka\ jen prameny
507 uvedené~v seznamu literatury.}
508
509 % Různé
510 \def\thesis@czech@idTitle{UČO}

```

3.5.3.3 The locale/mu/law/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.

```

511 \ProvidesFile{fithesis3/locale/mu/law/czech.def}[2015/04/26]
512
513 % Různé
514 \def\thesis@czech@abstractTitle{Abstrakt}
515
516 % Zástupné texty
517 \def\thesis@czech@facultyName{Právnická fakulta}
518 \def\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
519 univerzity}

```

3.5.3.4 The locale/mu/fsps/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 the `fieldTitle` string in accordance with the common usage at the faculty.

```

520 \ProvidesFile{fithesis3/locale/mu/fsps/czech.def}[2015/04/27]
521
522 % Zástupné texty
523 \def\thesis@czech@facultyName{Fakulta sportovních studií}
524
525 % Různé
526 \def\thesis@czech@fieldTitle{Specializace}

```

3.5.3.5 The locale/mu/fss/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` string with the correct value.

```

527 \ProvidesFile{fithesis3/locale/mu/fss/czech.def}[2015/04/26]
528
529 % Zástupné texty
530 \def\thesis@czech@facultyName{Fakulta sociálních studií}
531 \def\thesis@czech@assignment{Misto tohoto listu
532 vložte kopie oficiálního podepsaného zadání práce nebo
533 prohlášení autora školního díla nebo obojí~v závislosti na
534 požadavcích příslušné katedry.}
535

```

3.5.3.6 The locale/mu/econ/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.

```
536 \ProvidesFile{fithesis3/locale/mu/econ/czech.def}[2015/04/18]
537 \def\thesis@czech@facultyName{Ekonomicko-správní fakulta}
```

3.5.3.7 The locale/mu/med/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/fithesis3-med.sty style file.

```
538 \ProvidesFile{fithesis3/locale/mu/med/czech.def}[2015/04/26]
539
540 % Různé
541 \def\thesis@czech@abstractTitle{Anotace}
542
543 % Zástupné texty
544 \def\thesis@czech@facultyName{Lékařská fakulta}
545
546 % Bibliografický záznam
547 \def\thesis@czech@bib@title{Bibliografický záznam}
548 \def\thesis@czech@bib@pages{str}
```

3.5.3.8 The locale/mu/fi/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 updates 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/fithesis3-fi.sty style file.

```
549 \ProvidesFile{fithesis3/locale/mu/fi/czech.def}[2015/04/18]
550
551 % Zástupné texty
552 \def\thesis@czech@facultyName{Fakulta informatiky}
553 \def\thesis@czech@assignment{Místo tohoto listu
554 vložte kopie oficiálního podepsaného zadání práce a
555 prohlášení autora školního díla.}
556 \def\thesis@czech@declaration{%
557 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
558 původním autorským dílem, které jsem vypracoval%
559 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
560 prameny a literaturu, které jsem při vypracování
561 používal\thesis@czech@gender@koncovka\ nebo z~nich
```

```

562 čerpál\thesis@czech@gender@koncovka, v~práci řádně cituji
563 s~uvedením úplného odkazu na příslušný zdroj.}
564
565 % Ostatní
566 \def\thesis@czech@advisorSignature{Podpis vedoucího}

```

3.5.3.9 The locale/mu/phil/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 defines the declaration string and redefines the typeName and typeName@akuzativ strings in accordance with the requirements of the faculty.

```

567 \ProvidesFile{fithesis3/locale/mu/phil/czech.def}[2015/04/26]
568
569 % Zástupné texty
570 \def\thesis@czech@facultyName{Filozofická fakulta}
571 \def\thesis@czech@declaration{%
572   Prohlašuji, že jsem \thesis@@lower{typeName@akuzativ}
573   vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
574   uvedených literatur.}
575
576 % Ostatní
577 \def\thesis@czech@typeName{%
578   \ifx\thesis@type\thesis@bachelors%
579     Bakalářská diplomová práce%
580   \else\ifx\thesis@type\thesis@masters%
581     Magisterská diplomová práce%
582   \else\ifx\thesis@type\thesis@doctoral%
583     Disertační práce%
584   \else%
585     <<Neznámý typ práce (\thesis@type)>>%
586   \fi\fi\fi}
587 \def\thesis@czech@typeName@akuzativ{%
588   \ifx\thesis@type\thesis@bachelors%
589     Diplomovou práci%
590   \else\ifx\thesis@type\thesis@masters%
591     Diplomovou práci%
592   \else\ifx\thesis@type\thesis@doctoral%
593     Disertační práci%
594   \else%
595     <<Neznámý typ práce (\thesis@type)>>%
596   \fi\fi\fi}

```

3.5.3.10 The locale/mu/ped/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/fithesis3-ped.sty

style file.

```
597 \ProvidesFile{fithesis3/locale/mu/ped/czech.def}[2015/04/26]
598
599 % Zástupné texty
600 \def\thesis@czech@facultyName{Pedagogická fakulta}
601
602 % Bibliografický záznam
603 \def\thesis@czech@bib@title{Bibliografický záznam}
604 \def\thesis@czech@bib@pages{str}
```

3.5.3.11 The locale/mu/sci/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/fithesis3-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.

```
605 \ProvidesFile{fithesis3/locale/mu/sci/czech.def}[2015/04/18]
606
607 % Zástupné texty
608 \def\thesis@czech@facultyName{Přirodovědecká fakulta}
609
610 % Ostatní
611 \def\thesis@czech@abstractTitle{Abstrakt}
612 \def\thesis@czech@declaration{%
613   Prohlašuji, že jsem svoji \thesis@lower{czech@typeName}%
614   akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
615   statně s~vyžitím informačních zdrojů, které jsou v~práci
616   citovány.}
617
618 % Bibliografický záznam
619 \def\thesis@czech@bib@title{Bibliografický záznam}
620 \let\thesis@czech@bib@author\thesis@czech@authorTitle
621 \def\thesis@czech@bib@thesisTitle{Název práce}
622 \def\thesis@czech@bib@programme{Studijní program}
623 \let\thesis@czech@bib@field\thesis@czech@fieldTitle
624 \let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
625 \def\thesis@czech@bib@academicYear{Akademický rok}
626 \def\thesis@czech@bib@pages{Počet stran}
627 \let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle
```

3.5.4 Slovak locale files

3.5.4.1 The locale/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 defines the \thesis@slovak@gender@koncovka macro, which expands to the correct verb ending based on the value of the \thesis@ifwoman macro.

```
628 \ProvidesFile{fithesis3/locale/slovak.def}[2015/04/18]
629
630 % Pomocná makrá
631 \def\thesis@slovak@gender@koncovka{%
632   \ifthesis@woman a\fi}
633
634 % Zástupné texty
635 \def\thesis@slovak@universityName{Názov univerzity}
636 \def\thesis@slovak@facultyName{Názov fakulty}
637 \def\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
638   oficiálneho podpísaného zadania práce.}
639 \def\thesis@slovak@declaration{Text prehlásenie ...}
640
641 % Rôzne
642 \def\thesis@slovak@fieldTitle{Odbor}
643 \def\thesis@slovak@advisorTitle{Vedúci práce}
644 \def\thesis@slovak@authorTitle{Autor}
645 \def\thesis@slovak@abstractTitle{Zhrnutie}
646 \def\thesis@slovak@keywordsTitle{Kľúčové slová}
647 \def\thesis@slovak@thanksTitle{Poďakovanie}
648 \def\thesis@slovak@declarationTitle{Prehlásenie}
649 \def\thesis@slovak@idTitle{ID}
650 \def\thesis@slovak@winter{Jar}
651 \def\thesis@slovak@summer{Jeseň}
652 \def\thesis@slovak@semester{%
653   \thesis@{slovak@\thesis@season} \thesis@year}
654 \def\thesis@slovak@typeName{%
655   \ifx\thesis@type\thesis@bachelors%
656     Bakalárska práca%
657   \else\ifx\thesis@type\thesis@masters%
658     Diplomová práca%
659   \else\ifx\thesis@type\thesis@doctoral%
660     Dizertačná práca%
661   \else\ifx\thesis@type\thesis@rigorous%
662     Rigorózna práca%
663   \else%
664     <<Neznámy typ práce (\thesis@type)>>%
665   \fi\fi\fi\fi}
666 \def\thesis@slovak@typeName@akuzativ{%
667   \ifx\thesis@type\thesis@bachelors%
668     Bakalársku prácu%
669   \else\ifx\thesis@type\thesis@masters%
670     Diplomovú prácu%
671   \else\ifx\thesis@type\thesis@doctoral%
672     Dizertačnú prácu%
673   \else\ifx\thesis@type\thesis@rigorous%
```



```

674 Rigoróznú prácu%
675 \else%
676 <<Neznámy typ práce (\thesis@type)>>%
677 \fi\fi\fi\fi}

```

3.5.4.2 The locale/mu/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.

```

678 \ProvidesFile{fithesis3/locale/mu/slovak.def}[2015/04/26]
679
680 % Zástupné texty
681 \def\thesis@slovak@universityName{Masarykova Univerzita}
682 \def\thesis@slovak@declaration{%
683   Prehlašujem, že som predloženú \thesis@lower{%
684     slovak@typeName@akuzativ} vypracoval%
685     \thesis@slovak@gender@koncovka\ samostatne len s~použitím
686     uvedenej literatúry a prameňov.}
687
688 % Rôzne
689 \def\thesis@slovak@idTitle{UČO}

```

3.5.4.3 The locale/mu/law/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.

```

690 \ProvidesFile{fithesis3/locale/mu/law/slovak.def}[2015/04/26]
691
692 % Rôzne
693 \def\thesis@slovak@abstractTitle{Abstrakt}
694
695 % Zástupné texty
696 \def\thesis@slovak@facultyName{Právnická fakulta}
697 \def\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
698   univerzity}

```

3.5.4.4 The locale/mu/fsps/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 the fieldTitle string in accordance with the common usage at the faculty.

```

699 \ProvidesFile{fithesis3/locale/mu/fsps/slovak.def}[2015/04/18]
700
701 % Zástupné texty
702 \def\thesis@slovak@facultyName{Fakulta športových štúdií}

```

```

703
704 % Rôzne
705 \def\thesis@slovak@fieldTitle{Špecializácie}

```

3.5.4.5 The locale/mu/fss/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 string with the correct value.

```

706 \ProvidesFile{fithesis3/locale/mu/fss/slovak.def}[2015/04/26]
707
708 % Zástupné texty
709 \def\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
710 \def\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
711 oficiálneho podpísaného zadania práce alebo prehlásenie autora
712 školského diela alebo obidve~v závislosti na požiadavkách
713 príslušnej katedry.}

```

3.5.4.6 The locale/mu/econ/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.

```

714 \ProvidesFile{fithesis3/locale/mu/econ/slovak.def}[2015/04/18]
715 \def\thesis@slovak@facultyName{Ekonomicko-správna fakulta}

```

3.5.4.7 The locale/mu/med/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/fithesis3-med.sty style file.

```

716 \ProvidesFile{fithesis3/locale/mu/med/slovak.def}[2015/04/26]
717
718 % Rôzne
719 \def\thesis@slovak@abstractTitle{Anotácie}
720
721 % Zástupné texty
722 \def\thesis@slovak@facultyName{Lekárska fakulta}
723
724 % Bibliografický zoznam
725 \def\thesis@slovak@bib@title{Bibliografický záznam}
726 \def\thesis@slovak@bib@pages{str}

```

3.5.4.8 The locale/mu/fi/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 updates 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/fithesis3-fi.sty style file.

```

727 \ProvidesFile{fithesis3/locale/mu/fi/slovak.def}[2015/04/18]
728
729 % Zástupné texty
730 \def\thesis@slovak@facultyName{Fakulta informatiky}
731 \def\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
732 oficiálneho podpísaného zadania práce a prehlásenie autora
733 školského diela.}
734 \def\thesis@slovak@declaration{%
735 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
736 pôvodným autorským dielom, ktoré som vypracoval%
737 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
738 pramene a literatúru, ktoré som pri vypracovaní
739 používal\thesis@slovak@gender@koncovka\ alebo z~nich
740 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
741 s~uvedením úplného odkazu na príslušný zdroj.}
742
743 % Rôzne
744 \def\thesis@slovak@advisorSignature{Podpis vedúceho}

```

3.5.4.9 The locale/mu/phil/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.

```

745 \ProvidesFile{fithesis3/locale/mu/phil/slovak.def}[2015/04/26]
746
747 % Zástupné texty
748 \def\thesis@slovak@facultyName{Filozofická fakulta}
749 \def\thesis@slovak@declaration{%
750 Prehlašujem, že som predloženú \thesis@lower{%
751 slovak@typeName@akuzativ} vypracoval%
752 \thesis@slovak@gender@koncovka\ samostatne na
753 základe vlastných zistení a len s~použitím
754 uvedenej literatúry a prameňov.}
755
756 % Rôzne
757 \def\thesis@slovak@typeName{%
758 \ifx\thesis@type\thesis@bachelors%
759 Bakalárska diplomová práca%
760 \else\ifx\thesis@type\thesis@masters%
761 Magisterská diplomová práca%
762 \else\ifx\thesis@type\thesis@doctoral%
763 Dizertačná práca%
764 \else%

```

```

765 <<Neznámý typ práce (\thesis@type)>>%
766 \fi\fi\fi}
767 \def\thesis@slovak@typeName@akuzativ{%
768 \ifx\thesis@type\thesis@bachelors%
769 Diplomovú prácu%
770 \else\ifx\thesis@type\thesis@masters%
771 Diplomovú prácu%
772 \else\ifx\thesis@type\thesis@doctoral%
773 Dizertačnú prácu%
774 \else%
775 <<Neznámý typ práce (\thesis@type)>>%
776 \fi\fi\fi}

```

3.5.4.10 The locale/mu/ped/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/fithesis3-ped.sty` style file.

```

777 \ProvidesFile{fithesis3/locale/mu/ped/slovak.def}[2015/04/18]
778
779 % Zástupné texty
780 \def\thesis@slovak@facultyName{Pedagogická fakulta}
781
782 % Bibliografický zoznam
783 \def\thesis@slovak@bib@title{Bibliografický záznam}
784 \def\thesis@slovak@bib@pages{str}

```

3.5.4.11 The locale/mu/sci/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.

```

785 \ProvidesFile{fithesis3/locale/mu/sci/slovak.def}[2015/04/18]
786
787 % Zástupné texty
788 \def\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 sectioning 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 main routine's inheritance scheme (see Section 3.1) should define at least one of the following private 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/fithesis3-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.

```
789 \NeedsTeXFormat{LaTeX2e}
790 \ProvidesPackage{fithesis3/style/fithesis3-base}[2015/04/08]
```

3.6.2.2 The style/mu/fithesis3-base.sty file

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

```
791 \ProvidesPackage{fithesis3/style/mu/fithesis3-base}[2015/04/12]
792 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

- `10pt`, `11pt`, `12pt` – Sets the type size to 10, 11 or 12 points respectively, along with the page geometry. The default type size is 12 points.
- `oneside`, `twoside` – The document is going to be single- or double-sided. In a double-sided document headers, page numbering, margin notes and several other elements are rearranged based on the parity of the page. Blank pages are optionally inserted prior the beginning of the next chapter to ensure that it starts on an left-hand (even-numbered) page.
- `onecolumn`, `twocolumn` – The document is going to be set in a single column or in two columns, respectively.
- `draft`, `final` – Overfull lines are or aren't marked within the document, respectively.

`\ifthesis@twoside@`

The `\ifthesis@twoside@` conditional is set to either `false` or `true`, respectively. This value can be tested in the subsequently loaded style files.

<code>\ifthesis@palatino@</code>	<ul style="list-style-type: none"> • <code>palatino, nopalatino</code> – The default roman and math font family is going to be either set to Palatino or left untouched, respectively. The <code>\ifthesis@palatino@</code> conditional is set to either true or false, respectively. This value can be tested in the subsequently loaded style files. <p>The Palatino font is a part of the visual identity of the Faculty of Informatics, at which the document class was created.</p>
<code>\ifthesis@color@</code>	<ul style="list-style-type: none"> • <code>color, monochrome</code> – Certain typographical elements either are or aren't going to be typeset in color, respectively. The <code>\ifthesis@color@</code> conditional is set to either true or false, respectively. This value can be tested in the subsequently loaded style files.
<code>\ifthesis@newtable@</code>	<ul style="list-style-type: none"> • <code>table, oldtable</code> – If the <code>\ifthesis@color@</code> conditional is true, then the definition of the <code>tabular</code> and <code>tabularx</code> commands either are or aren't going to be altered to better match the style, respectively. The <code>\ifthesis@newtable@</code> conditional is set to either true or false, respectively. <p>The choice of the name is deliberate – the redefinition of the table environments depends on the <code>xcolor</code> package, which needs to be loaded with the <code>table</code> option. Since so many other packages depend on the <code>xcolor</code> 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 <code>xcolor</code> package before the preamble from the body of the <code>fitthesis3</code> class thus breaking the encapsulation. Naming the option <code>table</code> forces the option to be processed by the <code>xcolor</code> package as well and it is therefore an elegant solution to the problem at hand.</p>
<code>\thesis@blocks@tables</code>	<ul style="list-style-type: none"> • <code>lot, nolot</code> – <code>\listoftables</code> is or isn't going to be included in the <code>\thesis@blocks@tables</code> block, respectively.
<code>\thesis@blocks@tables</code>	<ul style="list-style-type: none"> • <code>lof, nolof</code> – <code>\listoffigures</code> is or isn't going to be included in the <code>\thesis@blocks@tables</code> block, respectively.
<code>\thesis@blocks@cover</code>	<ul style="list-style-type: none"> • <code>cover, nocover</code> – The <code>\thesis@blocks@cover</code> is or isn't going to expand to the thesis cover.
<code>\ifthesis@cover@</code>	<p>The <code>\ifthesis@cover@</code> conditional is set to false or true, respectively. This value can be tested in the subsequently loaded style files.</p>

```

793 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
794 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
795 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
796 \newif\ifthesis@twoside@
797 \DeclareOption{oneside}{%
798   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
799 \DeclareOption{twoside}{%
800   \thesis@twoside@true \@twosidetrue \@mparswitchtrue}
801 \DeclareOption{onecolumn}{\@twocolumnfalse}
802 \DeclareOption{twocolumn}{\@twocolumntrue}
803 \DeclareOption{draft}{\setlength\overfullrule{5pt}}

```

```

804 \DeclareOption{final}{\setlength\overfullrule{0pt}}
805 \newif\ifthesis@color@
806 \DeclareOption{monochrome}{\thesis@color@false}
807 \DeclareOption{color}{\thesis@color@true}
808 \newif\ifthesis@palatino@
809 \DeclareOption{palatino}{\thesis@palatino@true}
810 \DeclareOption{nopalatino}{\thesis@palatino@false}
811 \newif\ifthesis@newtable@
812 \DeclareOption{table}{\thesis@newtable@true}
813 \DeclareOption{oldtable}{\thesis@newtable@false}
814 \DeclareOption{notlot}{\def\thesis@blocks@lot{}}
815 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
816 \DeclareOption{notlof}{\def\thesis@blocks@lof{}}
817 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
818 \newif\ifthesis@cover@
819 \DeclareOption{nocover}{\thesis@cover@false}
820 \DeclareOption{cover}{\thesis@cover@true}

```

These are the default options:

```

821 \ExecuteOptions{12pt,twoside,final,monochrome,palatino,
822   oldtable,lot,lof,nocover}
823 \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 injecting metadata into the resulting PDF document.
- keyval – Adds support for parsing comma-delimited lists of key-value pairs.

```

824 \thesis@require{xcolor}
825 \thesis@require{graphicx}
826 \thesis@require{pdfpages}
827 \thesis@require{keyval}
828 \thesis@require{ifxetex}
829 \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.

```

830 {\let\x\expandafter
831 \x\global\x\let\x\ifthisis@xeluatex\csname if%
832 \ifxetex true\else
833 \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
834 \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
835 \fi
836 \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, the TeX Gyre Pagella and TeX Gyre Pagella Math are also selected as the main text and math fonts.

```

837 \ifthisis@xeluatex
838 \ifthisis@palatino@
839 \thesis@require{fontspec}
840 \thesis@require{unicode-math}
841 \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
842 \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
843 {TG Pagella Math}
844 \fi

```

The following packages get only loaded, when the document is not being typeset using the X_YTeX engine and the \ifthisis@palatino@ conditional is true:

- cmap – Places an an explicit ToUnicode map in the resulting PDF file, allowing for extraction of the text of the document.
- mathpazo – The virtual mathpazo fonts will be used for math.
- tgpagella – Changes the default roman font family to T_EX 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.

```

845 \else
846 \ifthisis@palatino@
847 \RequirePackage[resetfonts]{cmap}
848 \thesis@require{lmodern}
849 \thesis@require{mathpazo}
850 \thesis@require{tgpagella}
851 \RequirePackage[T1]{fontenc}
852 \fi
853 \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 variable-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.

```

854 \let\thesis@newtable@old\tabular
855 \let\endthesis@newtable@old\endtabular
856 \ifthesis@newtable@\ifthesis@color@
857   \thesis@require{tabularx}
858   \thesis@require{booktabs}
859   % The redefinition of 'tabular'
860   \renewenvironment{tabular}%
861     {\rowcolors{1}{thesis@color@tableOdd}%
862      {thesis@color@tableEven}%
863      \thesis@newtable@old}%
864     {\endthesis@newtable@old}
865   % The redefinition of 'tabularx'
866   \let\thesis@newtable@oldx\tabularx
867   \let\endthesis@newtable@oldx\endtabularx
868   \renewenvironment{tabularx}%
869     {\rowcolors{1}{thesis@color@tableOdd}%
870      {thesis@color@tableEven}%
871      \thesis@newtable@oldx}%
872     {\endthesis@newtable@oldx}
873   % Adjust the measurements
874   \setlength{\aboverulesep}{0pt}
875   \setlength{\belowrulesep}{0pt}
876   \setlength{\extrarowheight}{.75ex}
877 \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.

```

878 \thesis@require{hyperref}
879 \hypersetup{
880   pdfborderstyle={/S/U/W 1}, % Less obtrusive borders
881   plainpages=false,           % Multiple page numbering support
882   pdfpagelabels               % Generate pdf page labels
883 }

```

`\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.

```

884 \def\thesis@color@setup#1{%

```

```
885 \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 the table for usage by the user under the name `thesis@color@tableEmph`.

```
886 \define@key{thesis@color}{links}{%
887   \definecolor{thesis@color@links}#1
888   \hypersetup{linkbordercolor=thesis@color@links}}
889 \define@key{thesis@color}{tableOdd}{%
890   \definecolor{thesis@color@tableOdd}#1}
891 \define@key{thesis@color}{tableEven}{%
892   \definecolor{thesis@color@tableEven}#1}
893 \define@key{thesis@color}{tableEmph}{%
894   \definecolor{thesis@color@tableEmph}#1}
```

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

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

```
895 \def\thesis@blocks@frontMatter{%
896   \thesis@blocks@clear
897   \pagestyle{plain}
898   \parindent 1.5em
899   \setcounter{page}{1}
900   \pagenumbering{roman}}
```

`\thesis@blocks@clear` The `\thesis@blocks@clear` private macro clears the current page along with the next left-handed (even-numbered) page, when double-sided typesetting is enabled.

```
901 \def\thesis@blocks@clear{%
902   \ifthesis@twoside%
903     \clearpage%
904     \thispagestyle{empty}%
905     \cleardoublepage%
906   \else%
907     \newpage%
908   \fi}
```

\thesis@blocks@leftPage	<p>The \thesis@blocks@leftPage private macro clears the current page along with the next right-handed (odd-numbered) page, when double-sided typesetting is enabled.</p> <pre> 909 \def\thesis@blocks@clearRight{% 910 \ifthesis@twoside% 911 \clearpage% 912 \ifodd\value{page}% 913 \thispagestyle{empty}% 914 \hbox{}% 915 \newpage% 916 \fi% 917 \else% 918 \newpage% 919 \fi}</pre>
\thesis@blocks@facultyLogo@monochrome	<p>The \thesis@blocks@facultyLogo@monochrome[<i><options></i>] private macro typesets the \thesis@logopath\thesis@facultyLogo logo with the given <i>options</i> passed to \includegraphics.</p> <pre> 920 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]% 921 [width=40mm]{% 922 \edef\@path{\thesis@logopath\thesis@facultyLogo}% 923 \includegraphics[#1]{\@path}}</pre>
\thesis@blocks@facultyLogo@color	<p>The \thesis@blocks@facultyLogo@color[<i><options></i>] private macro typesets either the \thesis@logopath\thesis@facultyLogo logo, if the \ifthesis@color@ conditional is false or the \thesis@logopath color/\thesis@facultyLogo logo otherwise with the given <i>options</i> passed to \includegraphics.</p> <pre> 924 \newcommand{\thesis@blocks@facultyLogo@color}[1]% 925 [width=40mm]{% 926 \edef\@path{\thesis@logopath\ifthesis@color@% 927 color/\fi\thesis@facultyLogo}% 928 \includegraphics[#1]{\@path}}</pre>
\thesis@blocks@universityLogo@monochrome	<p>The \thesis@blocks@universityLogo@monochrome[<i><options></i>] private macro typesets the \thesis@logopath\thesis@universityLogo logo with the given <i>options</i> passed to \includegraphics.</p> <pre> 929 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]% 930 [width=40mm]{% 931 \edef\@path{\thesis@logopath\thesis@universityLogo}% 932 \includegraphics[#1]{\@path}}</pre>
\thesis@blocks@universityLogo@color	<p>The \thesis@blocks@universityLogo@color[<i><options></i>] private macro typesets either the \thesis@logopath\thesis@universityLogo logo, if the \ifthesis@color@ conditional is false or the \thesis@logopath color/\thesis@universityLogo logo otherwise with the given <i>options</i> passed to \includegraphics.</p> <pre> 933 \newcommand{\thesis@blocks@universityLogo@color}[1]% 934 [width=40mm]{% 935 \edef\@path{\thesis@logopath\ifthesis@color@%</pre>

```

936     color/\fi\thesis@universityLogo}%
937     \includegraphics[#1]{\@path}}}
```

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

```

938 \def\thesis@blocks@cover{%
939   \ifthesis@cover@%
940     \thesis@blocks@clear%
941     \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
942     \begin{alwaysingle}%
943     \thispagestyle{empty}%
944     \begin{center}%
945       \thesis@blocks@cover@header%
946       \thesis@blocks@facultyLogo@monochrome\[\[0.4in]%
947       \let\footnotesize\small%
948       \let\footnoterule\relax}%
949     \thesis@blocks@cover@content%
950     \par\vfill%
951     \thesis@blocks@cover@footer%
952   \end{center}%
953 \end{alwaysingle}%
954 \ifthesis@twoside@\@twosidetrue\fi % Re-enable twoside
955 \fi}
```

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

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 expression 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 expression 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 expression 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 expression is false.

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

```

956 \newif\ifthesis@blocks@cover@university@
957 \thesis@blocks@cover@university@true
958 \newif\ifthesis@blocks@cover@faculty@
959 \thesis@blocks@cover@faculty@true
960 \newif\ifthesis@blocks@cover@department@
961 \thesis@blocks@cover@department@false
962 \newif\ifthesis@blocks@cover@field@
963 \thesis@blocks@cover@field@false
964
965 \def\thesis@blocks@cover@header{%
966   {\sc\ifthesis@blocks@cover@university@%
967     \thesis@titlePage@LARGE\thesis@{universityName}}\%
968   \fi\ifthesis@blocks@cover@faculty@%
969     \thesis@titlePage@Large\thesis@{facultyName}}\%
970   \fi\ifthesis@blocks@cover@department@%
971     \thesis@titlePage@large\thesis@department}\%
972   \fi}
973 \ifthesis@blocks@cover@field@%
974   {\thesis@titlePage@large\vskip 1em%
975     {\bf\thesis@{fieldTitle}:} \thesis@field}%
976   \fi\vskip 2em}
977 \def\thesis@blocks@cover@content{%
978   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
979   \vskip 0.8in%
980   {\thesis@titlePage@large\sc\thesis@{typeName}}\|[0.3in]%
981   {\thesis@titlePage@Large\bf\thesis@author}}
982 \def\thesis@blocks@cover@footer{%
983   {\thesis@titlePage@large\thesis@place, \thesis@{semester}}}
```

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

```

984 \def\thesis@blocks@titlePage{%
985   \thesis@blocks@clear%
986   \begin{alwaysingle}%
987     \thispagestyle{empty}%
988     \begin{center}%
```

```

989      \thesis@blocks@titlePage@header%
990      \thesis@blocks@facultyLogo@color\[\0.4in]%
991      \let\footnotesize\small%
992      \let\footnoterule\relax{}%
993      \thesis@blocks@titlePage@content%
994      \par\vfill%
995      \thesis@blocks@titlePage@footer%
996  \end{center}%
997  \end{alwaysingle}}

```

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

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 expression 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 expression 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 expression 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 expression is false.

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

```

998 \newif\ifthesis@blocks@titlePage@university@
999 \thesis@blocks@titlePage@university@true
1000 \newif\ifthesis@blocks@titlePage@faculty@
1001 \thesis@blocks@titlePage@faculty@true
1002 \newif\ifthesis@blocks@titlePage@department@
1003 \thesis@blocks@titlePage@department@false
1004 \newif\ifthesis@blocks@titlePage@field@
1005 \thesis@blocks@titlePage@field@false
1006
1007 \def\thesis@blocks@titlePage@header{%
1008   {\sc\ifthesis@blocks@titlePage@university@
1009     \thesis@titlePage@LARGE\thesis@{universityName}\%
1010     \fi\ifthesis@blocks@titlePage@faculty@
1011       \thesis@titlePage@Large\thesis@{facultyName}\%
1012     \fi\ifthesis@blocks@titlePage@department@
1013       \thesis@titlePage@large\thesis@department\%

```

```

1014     \fi}
1015 \ifthesis@blocks@titlePage@field@%
1016   {\thesis@titlePage@large\vskip 1em%
1017     {\bf\thesis@{fieldTitle}:} \thesis@field}%
1018   \fi\vskip 2em}
1019 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1020 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

\thesis@blocks@tables The \thesis@blocks@tables private macro typesets the table of contents and op-
tionally the \listoftables and the \listoffigures.
1021 \def\thesis@blocks@tables{%
1022   \thesis@blocks@clear%
1023   \tableofcontents%
1024   \thesis@blocks@lot%
1025   \thesis@blocks@lof}

\thesis@blocks@declaration The \thesis@blocks@declaration private macro typesets the declaration text.
1026 \def\thesis@blocks@declaration{%
1027   \thesis@blocks@clear%
1028   \begin{alwaysingle}%
1029     \chapter*{\thesis@{declarationTitle}}%
1030     \thesis@declaration%
1031     \vskip 2cm%
1032     \hfill\thesis@author%
1033   \end{alwaysingle}}

\thesis@blocks@thanks The \thesis@blocks@thanks private macro typesets the acknowledgement, if the
\thesis@thanks private macro is defined.
1034 \def\thesis@blocks@thanks{%
1035   \ifx\thesis@thanks\undefined\else%
1036     \thesis@blocks@clear%
1037     \begin{alwaysingle}%
1038       \chapter*{\vspace*{\fill}\thesis@{thanksTitle}}%
1039       \thesis@thanks%
1040     \end{alwaysingle}%
1041   \fi}

\thesis@blocks@abstract The \thesis@blocks@abstract private macro typesets the abstract.
1042 \def\thesis@blocks@abstract{%
1043   \begin{alwaysingle}%
1044     % Start the new chapter without clearing the right page
1045     {\def\cleardoublepage{}
1046       \chapter*{\thesis@{abstractTitle}}}%
1047     \noindent\thesis@abstract%
1048     \par\vfil\null%
1049   \end{alwaysingle}}

\thesis@blocks@abstractEn The \thesis@blocks@abstractEn private macro typesets the abstract in English.
If the current locale is English, the macro produces no output. A style file that
uses this block needs to require the English locale.

```

```

1050 \def\thesis@blocks@abstractEn{%
1051   \ifthesis@english\else%
1052     \begin{alwaysingle}%
1053       % Start the new chapter without clearing the right page
1054       {\def\cleardoublepage{}%
1055        \chapter*{\thesis@{english@abstractTitle}}%
1056        \thesis@abstractEn}%
1057       \par\vfil\null%
1058     \end{alwaysingle}%
1059   \fi}

```

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

```

1060 \def\thesis@blocks@keywords{%
1061   \begin{alwaysingle}%
1062     % Start the new chapter without clearing the right page
1063     {\def\cleardoublepage{}%
1064      \chapter*{\thesis@{keywordsTitle}}%
1065      \noindent\thesis@TeXkeywords}%
1066     \par\vfil\null%
1067   \end{alwaysingle}}

```

`\thesis@blocks@keywordsEn` The `\thesis@blocks@keywordsEn` private macro typesets the keywords in English. If the current locale is English, the macro produces no output. A style file that uses this block needs to require the English locale.

```

1068 \def\thesis@blocks@keywordsEn{%
1069   \ifthesis@english\else%
1070     \begin{alwaysingle}%
1071       % Start the new chapter without clearing the right page
1072       {\def\cleardoublepage{}%
1073        \chapter*{\thesis@{english@keywordsTitle}}%
1074        \thesis@TeXkeywordsEn}%
1075       \par\vfil\null%
1076     \end{alwaysingle}%
1077   \fi}

```

`\thesis@blocks@assignment` The `\thesis@blocks@assignment` private macro either typesets a blank page to be replaced with the official thesis assignment or injects the file located at the `\thesis@assignmentPDF` path, if defined. In case of a rigorous thesis, the macro expands to an empty token string.

```

1078 \def\thesis@blocks@assignment{%
1079   \ifx\thesis@type\thesis@rigorous\else%
1080     \thesis@blocks@clear%
1081     \ifx\thesis@assignmentFiles\undefined%
1082       \begin{alwaysingle}%
1083         \thispagestyle{empty}
1084         \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}
1085         \noindent\textit{\thesis@{assignment}}%
1086       \end{alwaysingle}%
1087     \else%

```



```

1088     {\def\@empty{}\edef\@pdfList{\thesis@assignmentFiles}%
1089     \if\@pdfList\@empty\else%
1090         \expandafter\includepdfmerge\expandafter{\@pdfList}%
1091     \fi}%
1092 \fi\thesis@blocks@clear
1093 \fi}

```

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

```

1094 \def\thesis@blocks@mainMatter{%
1095     \thesis@blocks@clear
1096     \setcounter{page}{1}
1097     \pagenumbering{arabic}
1098     \pagestyle{thesisheadings}
1099     \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 fithesis3-10.clo, fithesis3-11.clo or fithesis3-12.clo file is loaded from the \thesis@stylepath mu directory, respectively.

```

1100 % Table of contents will contain sectioning commands up to
1101 % \subsubsection
1102 \setcounter{tocdepth}{4}
1103
1104 % Load the 'fithesis3-1*.clo' size option
1105 \input\thesis@stylepath mu/fithesis3-1\thesis@ptsize.clo\relax
1106
1107 \def\ps@thesisheadings{%
1108 \def\chaptermark##1{%
1109 \markright{%
1110 \ifnum\c@secnumdepth >\m@ne
1111 \thechapter.\ %
1112 \fi ##1}}
1113 \let\@oddfoot\@empty
1114 \let\@oddhead\@empty
1115 \def\@oddhead{\vbox{\hbox to \textwidth{%
1116 \hfil{\sc\rightmark}}\vskip 4pt\hrule}}
1117 \if@twoside
1118 \def\@evenhead{\vbox{\hbox to \textwidth{%
1119 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1120 \else
1121 \let\@evenhead\@oddhead
1122 \fi
1123 \def\@oddfoot{\hfil\PageFont\thepage}
1124 \if@twoside
1125 \def\@evenfoot{\PageFont\thepage\hfil}%
1126 \else
1127 \let\@evenfoot\@oddfoot

```

```

1128 \fi
1129 \let\@mkboth\markboth
1130 }
1131
1132 % Redefines the style of the chapter headings
1133 \renewcommand*\chapter{%
1134 \if@twoside
1135 \clearpage
1136 \thispagestyle{empty}
1137 \cleardoublepage
1138 \else
1139 \clearpage
1140 \fi
1141 \thispagestyle{plain}%
1142 \global\@topnum\z@
1143 \@afterindentfalse
1144 \secdef\@chapter\@schapter}
1145
1146 % Redefines the style of part headings
1147 \renewcommand*\part{%
1148 \clearpage
1149 \thispagestyle{empty}
1150 \cleardoublepage
1151 \thispagestyle{empty}%
1152 \if@twocolumn%
1153 \onecolumn
1154 \@tempswattrue
1155 \else
1156 \@tempswafalse
1157 \fi
1158 \hbox{}\vfil
1159 \secdef\@part\@spart}
1160
1161 \newif\if@restonecol
1162 \def\alwaysssingle{%
1163 \if@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1164 \def\endalwaysssingle{\if@restonecol\twocolumn\fi}
1165
1166 \renewcommand*\l@part[2]{%
1167 \ifnum \c@tocdepth >-2\relax
1168 \addpenalty{-\@highpenalty}%
1169 \addvspace{0.5em \@plus\p@}%
1170 \begingroup
1171 \setlength\@tempdima{3em}%
1172 \parindent \z@ \rightskip \@pnumwidth
1173 \parfillskip -\@pnumwidth
1174 {\leavevmode
1175 \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
1176 \nobreak
1177 \global\@nobreaktrue

```

```

1178 \everypar{\global\@nobreakfalse\everypar{}}%
1179 \endgroup
1180 \addvspace{0.2em \@plus\p@}%
1181 \fi}
1182
1183 \renewcommand*\l@chapter[2]{%
1184 \ifnum \c@tocdepth >\m@ne
1185 \addpenalty{-\@highpenalty}%
1186 \vskip 1.0em \@plus\p@
1187 \setlength\@tempdima{1.5em}%
1188 \begingroup
1189 \parindent \z@ \rightskip \@pnumwidth
1190 \parfillskip -\@pnumwidth
1191 \leavevmode \bfseries
1192 \advance\leftskip\@tempdima
1193 \hskip -\leftskip
1194 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1195 \penalty\@highpenalty
1196 \endgroup
1197 \fi}
1198
1199 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1200 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1201 \renewcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
1202 \renewcommand*\l@subsubsection{\@dottedtocline{2}{7.0em}{3.8em}}

```

3.6.2.3 The style/mu/fit10.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.

```

1203 <*opt>
1204 <*10pt>
1205 \ProvidesFile{fit10.clo}[2015/04/08]
1206
1207 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont%
1208 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1209 \belowdisplayskip \abovedisplayskip
1210 \abovedisplayshortskip \z@ plus3\p@
1211 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1212 \let\@listi\@listI}
1213
1214 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
1215 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1216 \belowdisplayskip \abovedisplayskip
1217 \abovedisplayshortskip \z@ plus2\p@
1218 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1219 \def\@listi{\leftmargin\leftmarginI
1220 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1221 \itemsep \parsep}}
1222

```

```

1223 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont%
1224 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1225 \belowdisplayskip \abovedisplayskip
1226 \abovedisplayshortskip \z@ plus\p@
1227 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1228 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1229 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1230 \itemsep \parsep}}
1231
1232 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1233 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1234 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1235 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1236 \renewcommand{\LARGE}{\fontsize\@xxviipt{22pt}\selectfont}
1237 \renewcommand{\huge}{\fontsize\@xxxpt{25pt}\selectfont}
1238 \renewcommand{\Huge}{\fontsize\@xxxvpt{30pt}\selectfont}
1239
1240 </10pt>

```

3.6.2.4 The style/mu/fit11.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.

```

1241 <*11pt>
1242 \ProvidesFile{fit11.clo}[2015/04/08]
1243
1244 \renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont%
1245 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1246 \belowdisplayskip \abovedisplayskip
1247 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1248 %\abovedisplayshortskip \z@ plus3\p@
1249 \let\@listi\@listI}
1250
1251 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont%
1252 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1253 \belowdisplayskip \abovedisplayskip
1254 \abovedisplayshortskip \z@ plus3\p@
1255 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1256 \def\@listi{\leftmargin\leftmargini
1257 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1258 \itemsep \parsep}}
1259
1260 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont%
1261 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1262 \belowdisplayskip \abovedisplayskip
1263 \abovedisplayshortskip \z@ plus\p@
1264 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1265 \def\@listi{\leftmargin\leftmargini
1266 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1267 \itemsep \parsep}}

```

```

1268
1269 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
1270 \renewcommand{\tiny}{\fontsize\@viipt{7pt}\selectfont}
1271 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1272 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1273 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1274 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1275 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1276
1277 </11pt>

```

3.6.2.5 The style/mu/fit12.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 private 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 private macros can be used to typeset elements, whose size should remain constant regardless of the font size setting.

```

1278 (*12pt)
1279 \ProvidesFile{fit12.clo}[2015/04/08]
1280 </12pt>
1281
1282 \def\thesis@titlePage@normalsize{\fontsize\@xiipt{14.5}%
1283 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1284 \belowdisplayskip \abovedisplayskip
1285 \abovedisplayshortskip \z@ plus3\p@
1286 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1287 \let\@listi\@listI}
1288
1289 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
1290 \abovedisplayskip 11\p@ plus3\p@ minus6\p@

```

```

1291 \belowdisplayskip \abovedisplayskip
1292 \abovedisplayshortskip \z@ plus3\p@
1293 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1294 \def\@listi{\leftmargin\leftmarginini %% Added 22 Dec 87
1295 \parsep 4.5\p@ plus2\p@ minus\p@
1296 \itemsep \parsep
1297 \topsep 9\p@ plus3\p@ minus5\p@}}
1298
1299 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
1300 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1301 \belowdisplayskip \abovedisplayskip
1302 \abovedisplayshortskip \z@ plus3\p@
1303 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1304 \def\@listi{\leftmargin\leftmarginini %% Added 22 Dec 87
1305 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1306 \itemsep \parsep}}
1307
1308 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1309 \def\thesis@titlePage@tiny{\fontsize\@viipt{7pt}\selectfont}
1310 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1311 \def\thesis@titlePage@Large{\fontsize\@xxviipt{22pt}\selectfont}
1312 \def\thesis@titlePage@LARGE{\fontsize\@xxxpt{25pt}\selectfont}
1313 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1314 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1315
1316 (*12pt)
1317 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1318 \renewcommand{\small}{\thesis@titlePage@small}
1319 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1320 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1321 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1322 \renewcommand{\large}{\thesis@titlePage@large}
1323 \renewcommand{\Large}{\thesis@titlePage@Large}
1324 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1325 \renewcommand{\huge}{\thesis@titlePage@huge}
1326 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1327 (/12pt)
1328 \let\@normalsize\normalsize
1329 \normalsize
1330
1331 \if@twoside
1332 \oddsidemargin 0.75in
1333 \evensidemargin 0.4in
1334 \marginparwidth 0pt
1335 \else
1336 \oddsidemargin 0.75in
1337 \evensidemargin 0.75in
1338 \marginparwidth 0pt
1339 \fi
1340 \marginparsep 10pt

```

```

1341
1342 \topmargin 0.4in
1343
1344 \headheight 20pt
1345 \headsep 10pt
1346 \topskip 10pt
1347 \footskip 30pt
1348
1349 (*10pt)
1350 \textheight = 43\baselineskip
1351 \advance\textheight by \topskip
1352 \textwidth 5.0truein
1353 \columnsep 10pt
1354 \columnseprule 0pt
1355
1356 \footnotesep 6.65pt
1357 \skip\footins 9pt plus 4pt minus 2pt
1358 \floatsep 12pt plus 2pt minus 2pt
1359 \textfloatsep 20pt plus 2pt minus 4pt
1360 \intextsep 12pt plus 2pt minus 2pt
1361 \dblfloatsep 12pt plus 2pt minus 2pt
1362 \dbltextfloatsep 20pt plus 2pt minus 4pt
1363
1364 \@fptop 0pt plus 1fil
1365 \@fpsep 8pt plus 2fil
1366 \@fpbot 0pt plus 1fil
1367 \@dblftop 0pt plus 1fil
1368 \@dblfpsep 8pt plus 2fil
1369 \@dblfpbot 0pt plus 1fil
1370 \marginparpush 5pt
1371
1372 \parskip 0pt plus 1pt
1373 \partopsep 2pt plus 1pt minus 1pt
1374
1375 (/10pt)
1376 %
1377 (*11pt)
1378 \textheight = 39\baselineskip
1379 \advance\textheight by \topskip
1380 \textwidth 5.0truein
1381 \columnsep 10pt
1382 \columnseprule 0pt
1383
1384 \footnotesep 7.7pt
1385 \skip\footins 10pt plus 4pt minus 2pt
1386 \floatsep 12pt plus 2pt minus 2pt
1387 \textfloatsep 20pt plus 2pt minus 4pt
1388 \intextsep 12pt plus 2pt minus 2pt
1389 \dblfloatsep 12pt plus 2pt minus 2pt
1390 \dbltextfloatsep 20pt plus 2pt minus 4pt

```

```

1391
1392 \@fptop 0pt plus 1fil
1393 \@fpsep 8pt plus 2fil
1394 \@fpbot 0pt plus 1fil
1395 \@dblfpptop 0pt plus 1fil
1396 \@dblfpsep 8pt plus 2fil
1397 \@dblfpbot 0pt plus 1fil
1398 \marginparpush 5pt
1399
1400 \parskip 0pt plus 0pt
1401 \partopsep 3pt plus 1pt minus 2pt
1402
1403 </11pt>
1404 %
1405 < *12pt>
1406 \textheight = 37\baselineskip
1407 \advance\textheight by \topskip
1408 \textwidth 5.0truein
1409 \columnsep 10pt
1410 \columnseprule 0pt
1411
1412 \footnotesep 8.4pt
1413 \skip\footins 10.8pt plus 4pt minus 2pt
1414 \floatsep 14pt plus 2pt minus 4pt
1415 \textfloatsep 20pt plus 2pt minus 4pt
1416 \intextsep 14pt plus 4pt minus 4pt
1417 \dblfloatsep 14pt plus 2pt minus 4pt
1418 \dbltextfloatsep 20pt plus 2pt minus 4pt
1419
1420 \@fptop 0pt plus 1fil
1421 \@fpsep 10pt plus 2fil
1422 \@fpbot 0pt plus 1fil
1423 \@dblfpptop 0pt plus 1fil
1424 \@dblfpsep 10pt plus 2fil
1425 \@dblfpbot 0pt plus 1fil
1426 \marginparpush 7pt
1427
1428 \parskip 0pt plus 0pt
1429 \partopsep 3pt plus 2pt minus 2pt
1430
1431 </12pt>
1432 \@lowpenalty 51
1433 \@medpenalty 151
1434 \@highpenalty 301
1435 \@beginparpenalty -\@lowpenalty
1436 \@endparpenalty -\@lowpenalty
1437 \@itempenalty -\@lowpenalty
1438
1439 \def\@makechapterhead#1{%
1440   {%

```



```

1441 \setlength\parindent{\z@}%
1442 \setlength\parskip {\z@}%
1443 \ifnum
1444   \c@secnumdepth >\m@ne
1445   \par\nobreak
1446   \vskip 10\p@
1447 \fi
1448 \Large \ChapFont \thechapter{} \space #1\par
1449 \nobreak
1450 \vskip 20\p@
1451 }%
1452 }
1453
1454 \def\@makeschapterhead#1{%
1455   {%
1456     \setlength\parindent{\z@}%
1457     \setlength\parskip {\z@}%
1458     \Large \ChapFont #1\par
1459     \nobreak
1460     \vskip 20\p@
1461   }%
1462 }
1463
1464 \def\chapter{%
1465   \clearpage
1466   \thispagestyle{plain}
1467   \global\@topnum\z@
1468   \@afterindentfalse
1469   \secdef\@chapter\@schapter
1470 }
1471
1472 \def\@chapter[#1]#2{%
1473   \ifnum \c@secnumdepth
1474     >\m@ne
1475     \refstepcounter{chapter}%
1476     \typeout{\@chapapp\space\thechapter.}%
1477     \addcontentsline{toc}{chapter}{\protect
1478       \numberline{\thechapter}\bfseries #1}
1479   \else%
1480     \addcontentsline{toc}{chapter}{\bfseries #1}
1481   \fi
1482   \chaptermark{#1}%
1483   \addtocontents{lof}%
1484   {\protect\addvspace{4\p@}}
1485   \addtocontents{lot}%
1486   {\protect\addvspace{4\p@}}
1487   \if@twocolumn
1488     \@topnewpage[\@makechapterhead{#2}]%
1489   \else
1490     \@makechapterhead{#2}%

```

```

1491 \afterheading
1492 \fi
1493 }
1494
1495 %\def\eschapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]\%
1496 % \else \@makeschapterhead{#1}%
1497 % \markright{#1}
1498 % \@afterheading\fi}
1499
1500 \def\section{\@startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
1501 -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
1502 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
1503 minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1504 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
1505 -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1506 \def\paragraph{\@startsection
1507 {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
1508 \normalsize\bfseries}}
1509 \def\subparagraph{\@startsection
1510 {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
1511 .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1512
1513 \setcounter{secnumdepth}{2}
1514
1515 \def\appendix{\par
1516 \setcounter{chapter}{0}%
1517 \setcounter{section}{0}%
1518 \def\@chapapp{\appendixname}%
1519 \def\thechapter{\Alph{chapter}}}
1520
1521 \leftmargini 2.5em
1522 \leftmarginii 2.2em % > \labelsep + width of '(m)'
1523 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
1524 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
1525 \leftmarginv 1em
1526 \leftmarginvi 1em
1527
1528 \leftmargin\leftmargini
1529 \labelsep .5em
1530 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1531
1532 (*10pt)
1533 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1534 \topsep 8\p@ plus2\p@ minus4\p@
1535 \itemsep 4\p@ plus2\p@ minus\p@}
1536
1537 \let\@listi\@listI
1538 \@listi
1539
1540 \def\@listii{\leftmargin\leftmarginii

```

```

1541 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1542 \topsep 4\p@ plus2\p@ minus\p@
1543 \parsep 2\p@ plus\p@ minus\p@
1544 \itemsep \parsep}
1545
1546 \def\@listiii{\leftmargin\leftmarginiii
1547 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1548 \topsep 2\p@ plus\p@ minus\p@
1549 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1550 \itemsep \topsep}
1551
1552 \def\@listiv{\leftmargin\leftmarginiv
1553 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1554
1555 \def\@listv{\leftmargin\leftmarginv
1556 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1557
1558 \def\@listvi{\leftmargin\leftmarginvi
1559 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1560 </10pt>
1561 %
1562 < *11pt>
1563 \def\@listI{\leftmargin\leftmarginI \parsep 4.5\p@ plus2\p@ minus\p@
1564 \topsep 9\p@ plus3\p@ minus5\p@
1565 \itemsep 4.5\p@ plus2\p@ minus\p@}
1566
1567 \let\@listi\@listI
1568 \@listi
1569
1570 \def\@listii{\leftmargin\leftmarginii
1571 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1572 \topsep 4.5\p@ plus2\p@ minus\p@
1573 \parsep 2\p@ plus\p@ minus\p@
1574 \itemsep \parsep}
1575
1576 \def\@listiii{\leftmargin\leftmarginiii
1577 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1578 \topsep 2\p@ plus\p@ minus\p@
1579 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1580 \itemsep \topsep}
1581
1582 \def\@listiv{\leftmargin\leftmarginiv
1583 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1584
1585 \def\@listv{\leftmargin\leftmarginv
1586 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1587
1588 \def\@listvi{\leftmargin\leftmarginvi
1589 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1590 </11pt>

```

```

1591 %
1592 (*12pt)
1593 \def\@listI{\leftmargin\leftmarginii \parsep 5\p@ plus2.5\p@ minus\p@
1594 \topsep 10\p@ plus4\p@ minus6\p@
1595 \itemsep 5\p@ plus2.5\p@ minus\p@}
1596
1597 \let\@listi\@listI
1598 \@listi
1599
1600 \def\@listii{\leftmargin\leftmarginiii
1601 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1602 \topsep 5\p@ plus2.5\p@ minus\p@
1603 \parsep 2.5\p@ plus\p@ minus\p@
1604 \itemsep \parsep}
1605
1606 \def\@listiii{\leftmargin\leftmarginiiii
1607 \labelwidth\leftmarginiiii\advance\labelwidth-\labelsep
1608 \topsep 2.5\p@ plus\p@ minus\p@
1609 \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1610 \itemsep \topsep}
1611
1612 \def\@listiv{\leftmargin\leftmarginiv
1613 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1614
1615 \def\@listv{\leftmargin\leftmarginv
1616 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1617
1618 \def\@listvi{\leftmargin\leftmarginvi
1619 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1620 \end{list}
1621 \end{opt}

```

3.6.3 The style files of the Faculty of Informatics

3.6.3.1 The style/mu/fithesis3-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.

```

1622 \NeedsTeXFormat{LaTeX2e}
1623 \ProvidesPackage{fithesis3/style/mu/fithesis3-fi}[2015/05/02]

```

The file defines the color used with the hyperlinks.

```

1624 \thesis@color@setup{
1625 links={HTML}{FFD451},
1626 tableEmph={HTML}{FFD451},
1627 tableOdd={HTML}{FFF9E5},
1628 tableEven={HTML}{FFECB3}}

```

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

`\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 private macros:

`\thesis@advisorSignature` • `\thesis@advisorSignature` – The label of the advisor signature field typeset in the case of a rigorous thesis

```

1629 \def\thesis@blocks@titlePage@content{%
1630     {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1631     {\thesis@titlePage@large\sc\thesis@{@{typeName}}\[\[0.3in]}
1632     {\thesis@titlePage@Large\bf\thesis@author}
1633     % If this is a rigorous thesis, typeset the name of the
1634     % thesis advisor.
1635     \ifx\thesis@type\thesis@rigorous%
1636         {\thesis@titlePage@large\[\[0.3in]}
1637         {\bf\thesis@{@{advisorTitle}:} \thesis@advisor}
1638     \fi}%
1639 \def\thesis@blocks@titlePage@footer{%
1640     {\thesis@titlePage@large\thesis@place, \thesis@{@{semester}}
1641     % If this is a rigorous thesis, create space for the advisor's
1642     % signature
1643     \ifx\thesis@type\thesis@rigorous%
1644         \let\@A\relax\newlength{\@A}
1645         \settowidth{\@A}{\thesis@{@{advisorSignature}}}
1646         \setlength{\@A}{\@A+1cm}
1647         \hfill\raisebox{-0.5em}{\parbox{\@A}{
1648             \centering
1649             \rule{\@A}{1pt}\
1650             \thesis@{@{advisorSignature}}
1651         }}
1652     \fi}}

```

`\thesis@blocks@declaration` The `\thesis@blocks@declaration` private macro typesets the declaration text. Compared to the definition within the style/`mu/base.sty` file, this private macro also typesets the advisor's name at the bottom of the page.

```

1653 \def\thesis@blocks@declaration{%
1654     \thesis@blocks@clear%
1655     \begin{alwaysingle}%
1656         \chapter*{\thesis@{@{declarationTitle}}}%
1657         \thesis@declaration%
1658         \vskip 2cm%
1659         \hfill\thesis@author%
1660         \par\vfill%
1661         \textbf{\thesis@{@{advisorTitle}:} \thesis@advisor}%
1662         \par\vfil%
1663     \end{alwaysingle}}

```

The style file defines the autolayout preamble as the cover and the title page followed by the assignment, declaration, acknowledgement, abstract, keywords, ta-

ble of contents and list of tables and figures as a part of the front matter. All blocks beside `\thesis@titlePage` are defined in the `style/mu/base.sty` file.

```
1664 \def\thesis@preamble{%
1665   \thesis@blocks@cover%
1666   \thesis@blocks@titlePage%
1667   \thesis@blocks@frontMatter%
1668   \thesis@blocks@assignment%
1669   \thesis@blocks@declaration%
1670   \thesis@blocks@thanks%
1671   \thesis@blocks@clearRight%
1672   \thesis@blocks@abstract%
1673   \thesis@blocks@keywords%
1674   \thesis@blocks@tables%
1675   \thesis@blocks@mainMatter}
```

3.6.4 The style files of the Faculty of Science

3.6.4.1 The `style/mu/fithesis3-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.

```
1676 \NeedsTeXFormat{LaTeX2e}
1677 \ProvidesPackage{fithesis3/style/mu/fithesis3-sci}[2015/05/02]
```

The file defines the color used with the hyperlinks.

```
1678 \thesis@color@setup{
1679   links={HTML}{00AF3F},
1680   tableEmph={HTML}{00AF3F},
1681   tableOdd={HTML}{E0F5E8},
1682   tableEven={HTML}{B8E8C9}}
```

In addition to the main locale, the file also requires the Czech and English locales.

```
1683 \thesis@requireLocale{czech}
1684 \thesis@requireLocale{english}
```

The file loads the following packages:

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

```
1685 \thesis@require{tikz}
1686 \thesis@require{changepage}
```

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

`\thesis@czech@bib@title` • `\thesis@czech@bib@title` – The title of the `\thesis@blocks@bib@title` block

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

<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 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

```

1687 \def\thesis@blocks@bibEntry{%
1688   \begin{alwaysingle}
1689     \chapter*{\thesis@czech@bib@title}
1690     {% Calculate the width of the columns
1691     \let\@A\relax\newlength{\@A}\settowidth{\@A}{{%
1692       \bf\thesis@czech@bib@author:}}
1693     \let\@B\relax\newlength{\@B}\settowidth{\@B}{{%
1694       \bf\thesis@czech@bib@thesisTitle:}}
1695     \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
1696       \bf\thesis@czech@bib@programme:}}
1697     \let\@D\relax\newlength{\@D}\settowidth{\@D}{{%
1698       \bf\thesis@czech@bib@field:}}
1699     % Unless this is a rigorous thesis, we will be typesetting the
1700     % name of the thesis advisor.
1701     \let\@E\relax\newlength{\@E}
1702     \ifx\thesis@type\thesis@rigorous%
1703       \setlength{\@E}{0pt}%
1704     \else%
1705       \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}}
1706     \fi%
1707     \let\@F\relax\newlength{\@F}\settowidth{\@F}{{%
1708       \bf\thesis@czech@bib@academicYear:}}
1709     \let\@G\relax\newlength{\@G}\settowidth{\@G}{{%
1710       \bf\thesis@czech@bib@pages:}}
1711     \let\@H\relax\newlength{\@H}\settowidth{\@H}{{%
1712       \bf\thesis@czech@bib@keywords:}}
1713     \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1714     \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1715       max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1716     \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1717       \textwidth-\@left-\@skip}
1718     % Typeset the table
1719     \renewcommand{arraystretch}{2}
1720     \begin{thesis@newtable@old}%
1721       {\@p{\@left}{\hskip\@skip}p{\@right}{@}}
1722       \textbf{\thesis@czech@bib@author:} &

```

```

1723     \noindent\parbox[t]{\@right}{
1724         \thesis@author\\
1725         \thesis@czech@facultyName,
1726         \thesis@czech@universityName\\
1727         \thesis@department
1728     }\\
1729     \textbf{\thesis@czech@bib@thesisTitle:}
1730     & \thesis@title \\
1731     \textbf{\thesis@czech@bib@programme:}
1732     & \thesis@programme \\
1733     \textbf{\thesis@czech@bib@field:}
1734     & \thesis@field \\
1735     % Unless this is a rigorous thesis, typeset the name of the
1736     % thesis advisor.
1737     \ifx\thesis@type\thesis@rigorous\else%
1738         \textbf{\thesis@czech@bib@advisor:}
1739         & \thesis@advisor \\
1740     \fi
1741     \textbf{\thesis@czech@bib@academicYear:}
1742     & \thesis@academicYear \\
1743     \textbf{\thesis@czech@bib@pages:}
1744     & \thesis@pages \\
1745     \textbf{\thesis@czech@bib@keywords:}
1746     & \thesis@TeXkeywords \\
1747     \end{thesis@newtable@old}}
1748     \end{alwaysssingle}}

```

`\thesis@blocks@bibEntryEn` The `\thesis@blocks@bibEntryEn` private 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 private macros:

<code>\thesis@english@bib@title</code>	• <code>\thesis@english@bib@title</code> – The title of the <code>\thesis@blocks@bibEntryEn</code> 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 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

If the current locale is English, the macro produces no output.

```

1749 \def\thesis@blocks@bibEntryEn{%
1750   \ifthesis@english\else
1751     {\def\thesis@locale{english}
1752     \begin{alwaysssingle}
1753       % Start the new chapter without clearing the right page
1754       {\def\cleardoublepage{%
1755         \chapter*{\thesis@english@bib@title}}%
1756         {% Calculate the width of the columns
1757         \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1758           \bf\thesis@english@bib@author:}}
1759         \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1760           \bf\thesis@english@bib@thesisTitle:}}
1761         \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1762           \bf\thesis@english@bib@programme:}}
1763         \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1764           \bf\thesis@english@bib@field:}}
1765         % Unless this is a rigorous thesis, we will be typesetting
1766         % the name of the thesis advisor.
1767         \let\@E\relax\newlength{\@E}
1768         \ifx\thesis@type\thesis@rigorous%
1769           \setlength{\@E}{0pt}%
1770         \else%
1771           \settowidth{\@E}{\bf\thesis@english@bib@advisor:}}
1772         \fi%
1773         \let\@F\relax\newlength{\@F}\settowidth{\@F}{%
1774           \bf\thesis@english@bib@academicYear:}}
1775         \let\@G\relax\newlength{\@G}\settowidth{\@G}{%
1776           \bf\thesis@english@bib@pages:}}
1777         \let\@H\relax\newlength{\@H}\settowidth{\@H}{%
1778           \bf\thesis@english@bib@keywords:}}
1779         \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1780         \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
1781           max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1782         \let\@right\relax\newlength{\@right}\setlength{\@right}{%
1783           \textwidth-\@left-\@skip}
1784         % Typeset the table
1785         \renewcommand{\arraystretch}{2}
1786         \begin{thesis@newtable@old}%
1787           {@{p{\@left}{\hskip\@skip}p{\@right}{@}}
1788           \textbf{\thesis@english@bib@author:} &
1789           \noindent\parbox[t]{\@right}{
1790             \thesis@author\\
1791             \thesis@english@facultyName,
1792             \thesis@english@universityName\\
1793             \thesis@departmentEn
1794           }\\
1795           \textbf{\thesis@english@bib@thesisTitle:}
1796           & \thesis@titleEn \\

```

```

1797 \textbf{\thesis@english@bib@programme:}
1798 & \thesis@programmeEn \\
1799 \textbf{\thesis@english@bib@field:}
1800 & \thesis@fieldEn \\
1801 % Unless this is a rigorous thesis, typeset the name of the
1802 % thesis advisor.
1803 \ifx\thesis@type\thesis@rigorous\else%
1804 \textbf{\thesis@english@bib@advisor:}
1805 & \thesis@advisor \\
1806 \fi
1807 \textbf{\thesis@english@bib@academicYear:}
1808 & \thesis@academicYear \\
1809 \textbf{\thesis@english@bib@pages:}
1810 & \thesis@pages \\
1811 \textbf{\thesis@english@bib@keywords:}
1812 & \thesis@TeXkeywordsEn \\
1813 \end{thesis@newtable@old}}
1814 \end{alwayssingle}
1815 }\fi}

```

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private 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.

```

1816 \def\thesis@blocks@frontMatter{%
1817 \pagestyle{empty}
1818 \parindent 1.5em
1819 \setcounter{page}{1}
1820 \pagenumbering{roman}}

```

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

```

1821 \def\thesis@blocks@cover{%
1822 \ifthesis@cover@
1823 \thesis@blocks@clear
1824 \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
1825 \begin{alwayssingle}
1826 \thispagestyle{empty}
1827 \begin{center}
1828 {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1829 \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1830 \thesis@titlePage@large\thesis@department}
1831 \vfill
1832 {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1833 \vfill
1834 {\thesis@titlePage@large\thesis@place
1835 \ \thesis@year\hfill\thesis@author}
1836 \end{center}
1837 \end{alwayssingle}
1838 \ifthesis@twoside@\@twosidetrue\fi % Re-enable twoside
1839 \fi}

```

`\thesis@blocks@titlePage` The `\thesis@blocks@titlePage` private 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.

```

1840 \def\thesis@blocks@titlePage{%
1841   \edef\thesis@logopath@color{\thesis@logopath\ifthesis@color@ color/\fi}
1842   \thesis@blocks@clear
1843   \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
1844   \begin{alwaysingle}
1845     \thispagestyle{empty}
1846     % The top of the page
1847     \begin{adjustwidth}{-12mm}{ }
1848       \begin{minipage}{30mm}
1849         \thesis@blocks@universityLogo@color[width=30mm]
1850       \end{minipage}\begin{minipage}{89mm}
1851         \begin{center}
1852           {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1853             \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1854             \thesis@titlePage@normalsize\thesis@department}
1855           \rule{\textwidth}{2pt}\vspace*{2mm}
1856         \end{center}
1857       \end{minipage}\begin{minipage}{30mm}
1858         \thesis@blocks@facultyLogo@color[width=30mm]
1859       \end{minipage}
1860     \end{adjustwidth}
1861     % The middle of the page
1862     \vfill
1863     {\bf\thesis@titlePage@Huge\thesis@TeXtitle\\[0.8em]}
1864     {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
1865     {\bf\thesis@titlePage@LARGE\thesis@author}\\
1866     \vfill\noindent
1867     % The bottom of the page
1868     {\bf\thesis@titlePage@normalsize%
1869       % Unless this is a rigorous thesis, typeset the name of the
1870       % thesis advisor.
1871       \ifx\thesis@type\thesis@rigorous\else%
1872         \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1873       \fi%
1874       \thesis@place\ \thesis@year}
1875   \end{alwaysingle}
1876   \ifthesis@twoside@\@twosidetrue\fi}} % Re-enable twoside

```

The style file defines the autolayout preamble as the cover and the title page followed by the bibliographic entry, the abstract assignment, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All the blocks beside `\thesis@blocks@bibEntry` and `\thesis@blocks@bibEntryEn` are defined in the `style/mu/base.sty` file. The entire front matter is typeset as though the locale were Czech in accordance with the formal requirements of the faculty.

```

1877 \def\thesis@preamble{%
1878   {\def\thesis@locale{czech}%
1879    \thesis@blocks@cover%
1880    \thesis@blocks@frontMatter%
1881    \thesis@blocks@titlePage%
1882    \thesis@blocks@clearRight%
1883    \thesis@blocks@bibEntry%
1884    \thesis@blocks@bibEntryEn%
1885    \thesis@blocks@abstract%
1886    \thesis@blocks@abstractEn%
1887    \thesis@blocks@assignment%
1888    \thesis@blocks@thanks%
1889    \thesis@blocks@declaration%
1890    \thesis@blocks@tables}%
1891   \thesis@blocks@mainMatter}

```

3.6.5 The style files of the Faculty of Arts

3.6.5.1 The style/mu/fithesis3-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.

```

1892 \NeedsTeXFormat{LaTeX2e}
1893 \ProvidesPackage{fithesis3/style/mu/fithesis3-phil}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

1894 \thesis@color@setup{
1895   links={HTML}{00A1DE},
1896   tableEmph={HTML}{00A1DE},
1897   tableOdd={HTML}{E0F3FA},
1898   tableEven={HTML}{B8E4F5}}

```

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

```

1899 \thesis@blocks@titlePage@department@true
1900 \thesis@blocks@titlePage@field@true

```

The style file defines the autolayout preamble as the cover and the title page followed by the declaration, acknowledgement table of contents and the optional list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file.

```

1901 \def\thesis@preamble{%
1902   \thesis@blocks@cover%
1903   \thesis@blocks@titlePage%
1904   \thesis@blocks@frontMatter%
1905   \thesis@blocks@declaration%
1906   \thesis@blocks@thanks%
1907   \thesis@blocks@tables%

```

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

```
1908 \thesis@blocks@mainMatter}
```

3.6.6 The style files of the Faculty of Education

3.6.6.1 The style/mu/fithesis3-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.

```
1909 \NeedsTeXFormat{LaTeX2e}
1910 \ProvidesPackage{fithesis3/style/mu/fithesis3-ped}[2015/04/26]
```

The file defines the color used with the hyperlinks.

```
1911 \thesis@color@setup{
1912   links={HTML}{FFA02F},
1913   tableEmph={HTML}{FFA02F},
1914   tableOdd={HTML}{FFF1E0},
1915   tableEven={HTML}{FFDEB7}}
```

In addition to the main locale, the file also requires the English locale.

```
1916 \thesis@requireLocale{english}
```

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

```
1917 \thesis@blocks@titlePage@department@true
1918 \def\thesis@blocks@titlePage@content{%
1919   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1920   {\thesis@titlePage@large\sc\thesis@@{typeName}\[\[0.3in]}
1921   {\thesis@titlePage@Large\bf\thesis@author}
1922   % Typeset the name of the thesis advisor.
1923   {\thesis@titlePage@large\[\[0.3in]
1924     {\bf\thesis@@{advisorTitle}:} \thesis@advisor}}
```

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

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

```
1925 \def\thesis@blocks@bibEntry{%
1926   \chapter*{\thesis@@{bib@title}}
1927   \noindent\thesis@upper{author@tail}, \thesis@author@head.
1928   \emph{\thesis@title}. \thesis@place: \thesis@@{universityName},
1929   \thesis@@{facultyName}, \thesis@department, \thesis@year.
1930   \thesis@pages\ \thesis@@{bib@pages}.
1931   \thesis@@{advisorTitle}: \thesis@advisor.}
```

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

The style file defines the autolayout preamble as the cover and the title page followed by the bibliographical entry, abstracts, keywords, declaration, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All blocks beside \thesis@blocks@bibEntry are defined in the style/mu/base.sty file.

```

1932 \def\thesis@preamble{%
1933   \thesis@blocks@cover%
1934   \thesis@blocks@titlePage%
1935   \thesis@blocks@frontMatter%
1936   \thesis@blocks@bibEntry%
1937   \thesis@blocks@clearRight%
1938   \thesis@blocks@abstract%
1939   \thesis@blocks@abstractEn%
1940   \thesis@blocks@keywords%
1941   \thesis@blocks@keywordsEn%
1942   \thesis@blocks@declaration%
1943   \thesis@blocks@thanks%
1944   \thesis@blocks@tables%
1945   \thesis@blocks@mainMatter}

```

3.6.7 The style files of the Faculty of Social Studies

3.6.7.1 The style/mu/fithesis3-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.

```

1946 \NeedsTeXFormat{LaTeX2e}
1947 \ProvidesPackage{fithesis3/style/mu/fithesis3-fss}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

1948 \thesis@color@setup{
1949   links={HTML}{007B69},
1950   tableEmph={HTML}{007B69},
1951   tableOdd={HTML}{E3F1EE},
1952   tableEven={HTML}{B8DAD5}}

```

In addition to the main locale, the file also requires the English locale.

```

1953 \thesis@requireLocale{english}

```

⁵See <http://psych.fss.muni.cz/node/351>, <http://medzur.fss.muni.cz/informace-pro-studenty/pravidla-pro-diplomky/soubory/>
<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>

The style file defines the autolayout preamble as the cover and the title page followed by the abstracts, keywords, assignment, declaration, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file.

```

1954 \def\thesis@preamble{%
1955   \thesis@blocks@cover%
1956   \thesis@blocks@titlePage%
1957   \thesis@blocks@frontMatter%
1958   \thesis@blocks@clearRight%
1959   \thesis@blocks@abstract%
1960   \thesis@blocks@abstractEn%
1961   \thesis@blocks@keywords%
1962   \thesis@blocks@keywordsEn%
1963   \thesis@blocks@assignment%
1964   \thesis@blocks@declaration%
1965   \thesis@blocks@thanks%
1966   \thesis@blocks@tables%
1967   \thesis@blocks@mainMatter}

```

3.6.8 The style files of the Faculty of Law

3.6.8.1 The style/mu/fithesis3-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.

```

1968 \NeedsTeXFormat{LaTeX2e}
1969 \ProvidesPackage{fithesis3/style/mu/fithesis3-law}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

1970 \thesis@color@setup{
1971   links={HTML}{80379B},
1972   tableEmph={HTML}{80379B},
1973   tableOdd={HTML}{F0E7F3},
1974   tableEven={HTML}{D3BADC}}

```

In addition to the main locale, the file also requires the English locale.

```

1975 \thesis@requireLocale{english}

```

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 private macros:

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

```

1976 \def\thesis@blocks@cover@header{%
1977   {\sc\thesis@titlePage@Large\thesis@{@{facultyLongName}}\%
1978     \thesis@titlePage@large\thesis@department\\vskip 2em}}
1979 \let\thesis@blocks@titlePage@header=\thesis@blocks@cover@header

```

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

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private macro sets up the style of the front matter of the thesis. The page numbering is arabic as per the formal requirements.

```
1980 \def\thesis@blocks@frontMatter{%
1981   \thesis@blocks@clear
1982   \pagestyle{plain}
1983   \parindent 1.5em
1984   \setcounter{page}{1}
1985   \pagenumbering{arabic}}
```

`\thesis@blocks@mainMatter` The `\thesis@blocks@mainMatter` private 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.

```
1986 \def\thesis@blocks@mainMatter{%
1987   \thesis@blocks@clear
1988   \pagestyle{thesisheadings}
1989   \parindent 1.5em\relax}
```

The style file defines the autolayout preamble as the cover and the title page followed by the declaration, abstracts, keywords, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All blocks are defined in the `style/mu/base.sty` file.

```
1990 \def\thesis@preamble{%
1991   \thesis@blocks@cover%
1992   \thesis@blocks@titlePage%
1993   \thesis@blocks@frontMatter%
1994   \thesis@blocks@declaration%
1995   \thesis@blocks@clearRight%
1996   \thesis@blocks@abstract%
1997   \thesis@blocks@abstractEn%
1998   \thesis@blocks@keywords%
1999   \thesis@blocks@keywordsEn%
2000   \thesis@blocks@thanks%
2001   \thesis@blocks@tables%
2002   \thesis@blocks@mainMatter}
```

The style file defines the autolayout postamble as the assignment. This block is defined in the `style/mu/base.sty` file.

```
2003 \def\thesis@postamble{%
2004   \thesis@blocks@assignment}
```

3.6.9 The style files of the Faculty of Economics and Administration

3.6.9.1 The `style/mu/fithesis3-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.

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


```

2005 \NeedsTeXFormat{LaTeX2e}
2006 \ProvidesPackage{fithesis3/style/mu/fithesis3-econ}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

2007 \thesis@color@setup{
2008   links={HTML}{7C211E},
2009   tableEmph={HTML}{7C211E},
2010   tableOdd={HTML}{EFE4E3},
2011   tableEven={HTML}{DAC1BF}}

```

In addition to the main locale, the file also requires the English locale.

```

2012 \thesis@requireLocale{english}

```

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.

```

2013 \thesis@require{tikz}
2014 \thesis@require{geometry}
2015 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

```

2016 \def\thesis@blocks@cover{%
2017   \ifthesis@cover@
2018     \thesis@blocks@clear
2019     \begin{alwaysingle}
2020       \thispagestyle{empty}
2021       \begin{center}
2022         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\\%
2023         \thesis@titlePage@Large\thesis@@{facultyName}}\\
2024         \vfill
2025         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2026         \vfill
2027         {\thesis@titlePage@large\thesis@place
2028          \ \thesis@year\hfill\thesis@author}
2029       \end{center}
2030     \end{alwaysingle}
2031   \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 as per the requirements of the faculty.

```

2032 \thesis@blocks@titlePage@field@true
2033 \def\thesis@blocks@titlePage@content{%
2034   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}

```

```

2035 \ifthesis@english\else
2036   {\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2037 \fi {\[0.3in]\thesis@titlePage@Large\sc\thesis@{typeName}\}}
2038 \def\thesis@blocks@titlePage@footer{%
2039   {\thesis@titlePage@Large
2040     {% Calculate the width of the thesis author and advisor boxes
2041       \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2042         \bf\thesis@{advisorTitle}:}}
2043       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2044       \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2045         \bf\thesis@{authorTitle}:}}
2046       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2047       \let\@left\relax\newlength{\@left}\pgfmithsetlength{\@left}{\%
2048         max(\@A,\@B)}
2049       \let\@right\relax\newlength{\@right}\pgfmithsetlength{\@right}{\%
2050         max(\@C,\@D)}
2051       % Typeset the thesis author and advisor boxes
2052       \vskip 2in\begin{minipage}[t]{\@left}
2053         {\bf\thesis@{advisorTitle}:}\thesis@advisor
2054       \end{minipage}\hfill\begin{minipage}[t]{\@right}
2055         {\bf\thesis@{authorTitle}:}\thesis@author
2056       \end{minipage}}\[4em]\thesis@place, \thesis@year}}

```

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private 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.

```

2057 \def\thesis@blocks@frontMatter{%
2058   \thesis@blocks@clear
2059   % In case of double-sided typesetting, change the geometry
2060   \ifthesis@twoside@
2061     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2062       right=15mm, includeheadfoot}
2063   \fi\pagestyle{empty}
2064   \parindent 1.5em
2065   \setcounter{page}{1}
2066   \pagenumbering{arabic}}

```

`\thesis@blocks@mainMatter` The `\thesis@blocks@mainMatter` private 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.

```

2067 \def\thesis@blocks@mainMatter{%
2068   \thesis@blocks@clear
2069   \pagestyle{thesisheadings}
2070   \parindent 1.5em\relax}

```

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

```

2071 \def\thesis@blocks@toc{%
2072   \thesis@blocks@clear%

```

```

2073 \tableofcontents}
2074 \end{macro}\begin{macro}{\thesis@blocks@tables}
2075 % The |\thesis@blocks@tables| private macro optionally typesets the
2076 % |\listoftables| and |\listoffigures|.
2077 % \begin{macrocode}
2078 \def\thesis@blocks@tables{%
2079   \thesis@blocks@clear%
2080   \thesis@blocks@lot%
2081   \thesis@blocks@lof}

```

The style file defines the autolayout preamble as the cover and the title page followed by the abstracts, keywords, declaration, acknowledgement and table of contents. All blocks are defined in the style/mu/base.sty file, although some are redefined in this file.

```

2082 \def\thesis@preamble{%
2083   \thesis@blocks@cover%
2084   \thesis@blocks@frontMatter%
2085   \thesis@blocks@titlePage%
2086   \thesis@blocks@assignment%
2087   \thesis@blocks@clearRight%
2088   \thesis@blocks@abstract%
2089   \thesis@blocks@abstractEn%
2090   \thesis@blocks@keywords%
2091   \thesis@blocks@keywordsEn%
2092   \thesis@blocks@declaration%
2093   \thesis@blocks@thanks%
2094   \thesis@blocks@toc%
2095   \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.

```

2096 \def\thesis@postamble{%
2097   \thesis@blocks@tables}

```

3.6.10 The style files of the Faculty of Medicine

3.6.10.1 The style/mu/fithesis3-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.

```

2098 \NeedsTeXFormat{LaTeX2e}
2099 \ProvidesPackage{fithesis3/style/mu/fithesis3-med}[2015/04/27]

```

The file defines the color used with the hyperlinks.

```

2100 \thesis@color@setup{
2101   links={HTML}{F2532D},

```

⁸See https://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI_ZAVERECNE_PRACE.doc

```

2102 tableEmph={HTML}{F2532D},
2103 tableOdd={HTML}{FFE3E5},
2104 tableEven={HTML}{FFBFC2}}

```

In addition to the main locale, the file also requires the English locale.

```
2105 \thesis@requireLocale{english}
```

The file loads the following packages:

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

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

```

2106 \thesis@require{tikz}
2107 \thesis@require{geometry}
2108 \thesis@require{setspace}
2109 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

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

```

2110 \def\thesis@blocks@cover{%
2111   \ifthesis@cover@
2112     \thesis@blocks@clear
2113     \begin{alwaysingle}
2114       \thispagestyle{empty}
2115       \begin{center}
2116         {\sc\thesis@titlePage@LARGE\thesis@{@{universityName}}\%
2117           \thesis@titlePage@Large\thesis@{@{facultyName}}\%
2118           \vfill
2119           {\bf\thesis@titlePage@Huge\thesis@{@{typeName}}}
2120           \vfill
2121           {\thesis@titlePage@large\thesis@place
2122             \ \thesis@year\hfill\thesis@author}
2123           \end{center}
2124     \end{alwaysingle}
2125   \fi}
2126 % \end{macro}
2127 % The style file redefines the title page content
2128 % not to include the author's name and the title page footer
2129 % to include both the author's and advisor's name, the field of
2130 % study and the semester and place of the thesis defense as per
2131 % the requirements of the department.
2132 % \begin{macrocode}
2133 \def\thesis@blocks@titlePage@content{%
2134   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\[\[0.3in]]}%
2135   {\thesis@titlePage@large{\sc\thesis@{@{typeName}}\%
2136 \def\thesis@blocks@titlePage@footer{%

```

```

2137 {\thesis@titlePage@large
2138   {% Calculate the width of the thesis author and advisor boxes
2139     \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
2140       \bf\thesis@{advisorTitle}:}}
2141     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2142     \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
2143       \bf\thesis@{authorTitle}:}}
2144     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2145     \let\@E\relax\newlength{\@E}\settowidth{\@E}{%
2146       \bf\thesis@{fieldTitle}:}}
2147     \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
2148     \let\@left\relax\newlength{\@left}\pgfmithsetlength{\@left}{%
2149       max(\@A,\@B)}
2150     \let\@right\relax\newlength{\@right}\pgfmithsetlength{\@right}{%
2151       max(\@C,\@D,\@E,\@F)}
2152     % Typeset the thesis author and advisor boxes
2153     \vskip 2in\begin{minipage}[t]{\@left}
2154       {\bf\thesis@{advisorTitle}:}\\\thesis@advisor
2155     \end{minipage}\hfill\begin{minipage}[t]{\@right}
2156       {\bf\thesis@{authorTitle}:}\\\thesis@author
2157       \\\[1em]{\bf\thesis@{fieldTitle}:}\\\thesis@field
2158     \end{minipage}}\\\[4em]\thesis@place, \thesis@{semester}}}}

```

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private 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.

```

2159 \def\thesis@blocks@frontMatter{%
2160   \thesis@blocks@clear
2161   % In case of double-sided typesetting, change the geometry
2162   \ifthesis@twoside@
2163     \newgeometry{top=25mm,bottom=20mm,left=35mm,
2164       right=15mm, includeheadfoot}
2165   \fi\pagestyle{empty}
2166   \parindent 1.5em
2167   \setcounter{page}{1}
2168   \pagenumbering{arabic}}

```

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

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

```

2169 \def\thesis@blocks@bibEntry{%
2170   \chapter*{\thesis@{bib@title}}

```

```

2171 \noindent\thesis@upper{author@tail}, \thesis@author@head.
2172 \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2173 \thesis@{facultyName}, \thesis@department, \thesis@year.
2174 \thesis@pages\ \thesis@{bib@pages}.
2175 \thesis@{advisorTitle}: \thesis@advisor.}

```

The style file defines the autolayout preamble as the cover and the title page followed by the annotation, bibliographical entry, declaration, acknowledgement table of contents and the optional list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file, although some are redefined in this file.

```

2176 \def\thesis@preamble{%
2177   \thesis@blocks@cover%
2178   \thesis@blocks@frontMatter%
2179   \thesis@blocks@titlePage%
2180   \onehalfspacing%
2181   \thesis@blocks@clearRight%
2182   \thesis@blocks@abstract%
2183   \thesis@blocks@abstractEn%
2184   \thesis@blocks@keywords%
2185   \thesis@blocks@keywordsEn%
2186   \thesis@blocks@bibEntry%
2187   \thesis@blocks@declaration%
2188   \thesis@blocks@thanks%
2189   \thesis@blocks@tables%
2190   \thesis@blocks@mainMatter}

```

3.6.11 The style files of the Faculty of Sports Studies

3.6.11.1 The style/mu/fithesis3-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.

```

2191 \NeedsTeXFormat{LaTeX2e}
2192 \ProvidesPackage{fithesis3/style/mu/fithesis3-fss}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

2193 \thesis@color@setup{
2194   links={HTML}{BBC7DD},
2195   tableEmph={HTML}{0042BA},
2196   tableOdd={HTML}{E4E9F1},
2197   tableEven={HTML}{BBC7DD}}

```

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

```

2198 \thesis@blocks@titlePage@field@true

```

The style file defines the autolayout preamble as the cover and the title page followed by the declaration, acknowledgement table of contents and the optional

⁹See http://www.fsp.s.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc

list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file.

```

2199 \def\thesis@preamble{%
2200   \thesis@blocks@cover%
2201   \thesis@blocks@titlePage%
2202   \thesis@blocks@frontMatter%
2203   \thesis@blocks@declaration%
2204   \thesis@blocks@thanks%
2205   \thesis@blocks@tables%
2206   \thesis@blocks@mainMatter}

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Change History

v0.0	General: bachelor project of Daniel Marek under supervision of Petr Sojka	173	fit1*.clo [JP]	173	
			v0.1e	General: add Brno to MU title [JP]	173
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v0.2.06	General: fix : behind Advisor [JP] . 173	
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] 173	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] 173
v0.2.08	General: add change of University name [JP] 173	v0.3.04
v0.2.09	General: add EN version of University name [JP] 173	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN] 173
v0.2.10	General: fix EN name of Acknowledgement [JP] 173	v0.3.05
v0.2.11	General: fix missing fi-logo.mf [JP,PS] 173	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodelineIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16) [VN]
v0.2.12	General: Licence change to the LPPL [JP] 173	Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) 173
v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. https://github.com/liskin/fithesis 173	v0.3.06
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] . 173	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] 173
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] 173	v0.3.07
v0.3.02	General: pdf metadata stamping added for \thesis title and \thesis student [VN] 173	General: Replaced the \thesiswoman command with \thesisgender. [VN] 173
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete,	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)	173
v0.3.09	
General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN]	173
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 description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN]	173