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

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Abstract

This document details the design and the implementation of the 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.

Contents

1 Required classes and packages **210**

2 Public API **210**
2.1 Options . . . 210
2.2 The \thesissetup macro . . . 211
2.2.1 The basePath key . . . 211
2.2.2 The logoPath key . . . 211
2.2.3 The stylePath key . . . 212
2.2.4 The localePath key . . . 212
2.2.5 The declaration key . . . 213
2.2.6 The gender key . . . 213
2.2.7 The author key . . . 214
2.2.8 The id key . . . 214
2.2.9 The type key . . . 214
2.2.10 The university key . . . 215
2.2.11 The faculty key . . . 215
2.2.12 The department key . . . 216
2.2.13 The departmentEn key . . . 216
2.2.14 The programme key . . . 216
2.2.15 The programmeEn key . . . 216
2.2.16 The field key . . . 216
2.2.17 The fieldEn key . . . 217

2.2.18 The universityLogo key . . . 217
2.2.19 The facultyLogo key . . . 217
2.2.20 The style key . . . 217
2.2.21 The styleInheritance key . . . 218
2.2.22 The locale key . . . 218
2.2.23 The localeInheritance key . . . 219
2.2.24 The date key . . . 219
2.2.25 The place key . . . 220
2.2.26 The title key . . . 220
2.2.27 The TeXtitle key . . . 221
2.2.28 The titleEn key . . . 221
2.2.29 The TeXtitleEn key . . . 221
2.2.30 The keywords key . . . 221
2.2.31 The TeXkeywords key . . . 222
2.2.32 The keywordsEn key . . . 222
2.2.33 The TeXkeywordsEn key . . . 222
2.2.34 The abstract key . . . 222
2.2.35 The abstractEn key . . . 222
2.2.36 The advisor key . . . 223
2.2.37 The thanks key . . . 223
2.2.38 The assignment key . . . 223
2.2.39 The autoLayout key . . . 223
2.3 The \thesislong macro . . . 224

3 Private API **224**
3.1 Main routine . . . 224
3.2 File manipulation macros . . . 226
3.3 String manipulation macros . . . 227
3.4 General purpose macros . . . 228
3.5 Locale files . . . 229
3.5.1 Interface . . . 229
3.5.2 English locale files . . . 230
3.5.2.1 The locale/fithesis-english.def file . . . 230
3.5.2.2 The locale/mu/fithesis-english.def file . . . 231
3.5.2.3 The locale/mu/law/fithesis-english.def file . . . 231
3.5.2.4 The locale/mu/fsps/fithesis-english.def file . . . 232
3.5.2.5 The locale/mu/fss/fithesis-english.def file . . . 232
3.5.2.6 The locale/mu/econ/fithesis-english.def file . . . 232
3.5.2.7 The locale/mu/med/fithesis-english.def file . . . 232
3.5.2.8 The locale/mu/fi/fithesis-english.def file . . . 233
3.5.2.9 The locale/mu/phil/fithesis-english.def file . . . 233
3.5.2.10 The locale/mu/ped/fithesis-english.def file . . . 233
3.5.2.11 The locale/mu/sci/fithesis-english.def file . . . 234
3.5.3 Czech locale files . . . 234
3.5.3.1 The locale/fithesis-czech.def file . . . 234
3.5.3.2 The locale/mu/fithesis-czech.def file . . . 236

3.5.3.3 The locale/mu/law/fithesis-czech.def file . . . 236
3.5.3.4 The locale/mu/fsps/fithesis-czech.def file . . 236
3.5.3.5 The locale/mu/fss/fithesis-czech.def file . . . 237
3.5.3.6 The locale/mu/econ/fithesis-czech.def file . . 237
3.5.3.7 The locale/mu/med/fithesis-czech.def file . . . 237
3.5.3.8 The locale/mu/fi/fithesis-czech.def file 237
3.5.3.9 The locale/mu/phil/fithesis-czech.def file . . 238
3.5.3.10 The locale/mu/ped/fithesis-czech.def file . . . 239
3.5.3.11 The locale/mu/sci/fithesis-czech.def file . . . 239
3.5.4 Slovak locale files 240
3.5.4.1 The locale/fithesis-slovak.def file 240
3.5.4.2 The locale/mu/fithesis-slovak.def file 241
3.5.4.3 The locale/mu/law/fithesis-slovak.def file . . 241
3.5.4.4 The locale/mu/fsps/fithesis-slovak.def file . . 242
3.5.4.5 The locale/mu/fss/fithesis-slovak.def file . . 242
3.5.4.6 The locale/mu/econ/fithesis-slovak.def file . . 242
3.5.4.7 The locale/mu/med/fithesis-slovak.def file . . 243
3.5.4.8 The locale/mu/fi/fithesis-slovak.def file . . . 243
3.5.4.9 The locale/mu/phil/fithesis-slovak.def file . . 244
3.5.4.10 The locale/mu/ped/fithesis-slovak.def file . . 244
3.5.4.11 The locale/mu/sci/fithesis-slovak.def file . . 245
3.6 Style files 245
3.6.1 Interface 245
3.6.2 Base style files 245
3.6.2.1 The style/fithesis-base.sty file 245
3.6.2.2 The style/mu/fithesis-base.sty file 246
3.6.2.3 The style/mu/fithesis-10.clo file 261
3.6.2.4 The style/mu/fithesis-11.clo file 261
3.6.2.5 The style/mu/fithesis-12.clo file 262
3.6.3 The style files of the Faculty of Informatics 270
3.6.3.1 The style/mu/fithesis-fi.sty file 270
3.6.4 The style files of the Faculty of Science 271
3.6.4.1 The style/mu/fithesis-sci.sty file 271
3.6.5 The style files of the Faculty of Arts 277
3.6.5.1 The style/mu/fithesis-phil.sty file 277
3.6.6 The style files of the Faculty of Education 278
3.6.6.1 The style/mu/fithesis-ped.sty file 278
3.6.7 The style files of the Faculty of Social Studies 279
3.6.7.1 The style/mu/fithesis-fss.sty file 279
3.6.8 The style files of the Faculty of Law 280
3.6.8.1 The style/mu/fithesis-law.sty file 280
3.6.9 The style files of the Faculty of Economics and Administration 282
3.6.9.1 The style/mu/fithesis-econ.sty file 282
3.6.10 The style files of the Faculty of Medicine 285
3.6.10.1 The style/mu/fithesis-med.sty file 285
3.6.11 The style files of the Faculty of Sports Studies 288

1 Required classes and packages

`\thesis@backend` The class requires the class specified in `\thesis@backend`, whose default value is `[a4paper]{rapport3}`. If a different base class is desired, it can be specified by redefining `\thesis@backend` prior to loading the fithesis3 class.

```
\ProvidesClass{fithesis3}[\thesis@version]
\ifx\thesis@backend\undefined
  \def\thesis@backend{[a4paper]{rapport3}}
\fi\expandafter\LoadClass\thesis@backend
```

The class also requires the following packages:

- keyval – Adds support for parsing comma-delimited lists of key-value pairs.
- etoolbox – Adds support for expanding code after the preamble using the `\AtPreamble` hook.
- ltxcmds – Implements several commands from the LaTeX kernel. Used for the `\ltx@ifpackageloaded` command, which – unlike its `\@ifpackageloaded` counterpart – can be used outside the preamble.
- ifxetex – Used to detect the 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.

```
\RequirePackage{keyval}
\RequirePackage{etoolbox}
\RequirePackage{ltxcmds}
\RequirePackage{ifxetex}
\RequirePackage{ifluatex}
\ifxetex\else\ifluatex\else
  \RequirePackage[utf8]{inputenc}
\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. At the moment, all options are processed by the `style/mu/fithesis-base.sty` style file documented in Section 3.6.2.2.

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).

```
\def\thesissetup#1{%
  \setkeys{thesis}{#1}}
```

2.2.1 The `basePath` key

`\thesis@basepath` The `{`⟨`basePath=`*path*⟩`}` pair sets the *path* containing the class files. The *path* is prepended to every other path (`\thesis@logopath`, `\thesis@stylepath` and `\thesis@localepath`) used by the class. If non-empty, the *path* gets normalized to *path/*. The normalized *path* is stored within the `\thesis@basepath` macro, whose implicit value is `fithesis/`.

```
\def\thesis@basepath{fithesis/}
\define@key{thesis}{basePath}{%
  \ifx\thesis@empty#1\thesis@empty%
    \def\thesis@basepath{}%
  \else%
    \def\thesis@basepath{#1/}%
  \fi}
```

`\thesis@logopath`

2.2.2 The `logoPath` key

The `{`⟨`logoPath=`*path*⟩`}` pair sets the *path* containing the logo files, which is used by the style files to load the university and faculty logos. The *path* is normalized using the `\thesis@subdir` macro and stored within the `\thesis@logopath` macro, whose implicit value is `\thesis@basepath` followed by `logo/\thesis@university/`. By default, this expands to `fithesis/logo/mu/`.

```
\def\thesis@logopath{\thesis@basepath logo/\thesis@university/}
\define@key{thesis}{logoPath}{%
  \def\thesis@logopath{\thesis@subdir#1%
    \empty\empty\empty\empty}}
```

\thesis@stylepath

2.2.3 The stylePath key

The {⟨stylePath=*path*⟩} pair sets the *path* containing the style files. The *path* is normalized using the \thesis@subdir macro and stored within the \thesis@stylepath macro, whose implicit value is \thesis@basepath style/. By default, this expands to fithesis/style/.

```
\def\thesis@stylepath{\thesis@basepath style/}
\define@key{thesis}{stylePath}{%
  \def\thesis@stylepath{\thesis@subdir#1%
    \empty\empty\empty\empty}}
```

\thesis@localepath

2.2.4 The localePath key

The {⟨localePath=*path*⟩} pair sets the *path* containing the locale files. The *path* is normalized using the \thesis@subdir macro and stored within the \thesis@localepath macro, whose implicit value is \thesis@basepath followed by locale/. By default, this expands to fithesis/locale/.

```
\def\thesis@localepath{\thesis@basepath locale/}
\define@key{thesis}{localePath}{%
  \def\thesis@localepath{\thesis@subdir#1%
    \empty\empty\empty\empty}}
```

\thesis@subdir

The \thesis@subdir macro returns / unchanged, coerces ., .., */path*, ./*path* and ../*path* to ./, ../, */path/*, ./*path/* and ../*path/*, respectively, and prefixes any other *path* with \thesis@basepath.

```
\def\thesis@subdir#1#2#3#4\empty{%
  \ifx#1\empty%           <empty> -> <basepath>
    \thesis@basepath
  \else
    \if#1/%
      \ifx#2\empty%             / -> /
        /%
      \else%              /<path> -> /<path>/
        #1#2#3#4/%
      \fi
    \else%
      \if#1.%
        \ifx#2\empty%           . -> ./
          ./%
        \else
          \if#2.%
            \ifx#3\empty%      .. -> ../
              ../%
            \else
              \if#3/%   ../<path> -> ../<path>/
                ../#4/%
              \else
                \thesis@basepath#1#2#3#4/%
```

```
            \fi
          \fi
        \else
          \if#2/%      ./<path> -> ./<path>/
            ./#3#4/%
          \else
            \thesis@basepath#1#2#3#4/%
          \fi
        \fi
      \fi
    \else
      \thesis@basepath#1#2#3#4/%
    \fi
  \fi%
\fi}
```

`\thesis@def` The `\thesis@def[⟨key⟩]{⟨name⟩}` macro defines the `\thesis@`*name* macro to expand to either «*key*», if specified, or to «*name*». The macro serves to provide placeholder strings for macros with no default value.

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

`\thesis@declaration`

2.2.5 The `declaration` key

The {⟨`declaration`=*text*⟩} pair sets the declaration *text* to be included into the document. The *text* is stored within the `\thesis@declaration` macro, whose implicit value is `\thesis@@{declaration}`.

```
\def\thesis@declaration{\thesis@@{declaration}}
\long\def\KV@thesis@declaration#1{%
  \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.

```
\newif\ifthesis@woman\thesis@womanfalse
\define@key{thesis}{gender}{%
  \def\thesis@male{m}%
  \def\thesis@arg{#1}%
  \ifx\thesis@male\thesis@arg%
    \thesis@womanfalse%
  \else%
    \thesis@womantrue%
  \fi}
```

\thesis@author

2.2.7 The author key

The {⟨author=*name*⟩} pair sets the author's full name to *name*. The *name* is parsed
\thesis@parseAuthor using the \thesis@parseAuthor macro and stored within the following macros:

\thesis@author
- \thesis@author – The full name of the author.

\thesis@author@head
- \thesis@author@head – The first space-delimited part of the name. This corresponds to the author's first name.

\thesis@author@tail
- \thesis@author@tail – The full name without the first space-delimited part of the name. This corresponds to the author's surname.

\author The standard LaTeX \author macro also sets this key.

```
\def\thesis@parseAuthor#1{%
  \def\thesis@author{#1}%
  \def\thesis@author@head{\expandafter\expandafter\expandafter%
    \@gobble\thesis@head#1 \relax}%
  \def\thesis@author@tail{\thesis@tail#1 \relax}}
\thesis@def{author}%
\thesis@def[author]{author@head}%
\thesis@def[author]{author@tail}%
\define@key{thesis}{author}{%
  \thesis@parseAuthor{#1}}
\let\author\thesis@parseAuthor
```

\thesis@id

2.2.8 The id key

The {⟨id=*identifier*⟩} pair sets the identifier of the thesis author to *identifier*. This usually corresponds to the unique identifier of the author within the information system of the given university.

```
\thesis@def{id}
\define@key{thesis}{id}{%
  \def\thesis@id{#1}}
```

\thesis@type

2.2.9 The type key

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

The thesis type	The value of *type*
Bachelor's thesis	bc
Master's thesis	mgr
Doctoral thesis	d
Rigorous thesis	r

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

`\thesis@bachelors` `\thesis@masters` `\thesis@rigorous` `\thesis@doctoral`

```
\def\thesis@bachelors{bc}
\def\thesis@masters{mgr}
\def\thesis@doctoral{d}
\def\thesis@rigorous{r}
\let\thesis@type\thesis@bachelors
\define@key{thesis}{type}{%
  \def\thesis@type{#1}}
```

`\thesis@university`

2.2.10 The `university` key

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

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

`\thesis@faculty`

2.2.11 The `faculty` key

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

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

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

```
\def\thesis@faculty{fi}
\define@key{thesis}{faculty}{%
  \def\thesis@faculty{#1}}
```

\thesis@department

2.2.12 The `department` key

The {⟨`department`=*name*⟩} pair sets the name of the department, at which the thesis is being written, to *name*. Unlike the university and faculty identifiers, the department *name* is only used for typesetting and it should therefore be specified in plain language with optional TEX macros. The *name* is stored within the `\thesis@department` macro.

```
\thesis@def{department}
\define@key{thesis}{department}{%
  \def\thesis@department{#1}}
```

\thesis@departmentEn

2.2.13 The `departmentEn` key

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

```
\thesis@def{departmentEn}
\define@key{thesis}{departmentEn}{%
  \def\thesis@departmentEn{#1}}
```

\thesis@programme

2.2.14 The `programme` key

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

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

\thesis@programmeEn

2.2.15 The `programmeEn` key

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

```
\thesis@def{programmeEn}
\define@key{thesis}{programmeEn}{%
  \def\thesis@programmeEn{#1}}
```

\thesis@field

2.2.16 The `field` key

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

```
\thesis@def{field}
\define@key{thesis}{field}{%
  \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 stufy to *name*. The *name* is stored within the `\thesis@fieldEn` macro.

```
\thesis@def{fieldEn}
\define@key{thesis}{fieldEn}{%
  \def\thesis@fieldEn{#1}}
```

\thesis@universityLogo

2.2.18 The `universityLogo` key

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

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

\thesis@facultyLogo

2.2.19 The `facultyLogo` key

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

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

\thesis@style

2.2.20 The `style` key

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

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

\thesis@style@inheritance

2.2.21 The `styleInheritance` key

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

```
\newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
\define@key{thesis}{styleInheritance}[true]{%
  \begingroup
  \def\@true{true}%
  \def\@arg{#1}%
  \ifx\@true\@arg
    \endgroup\thesis@style@inheritancetrue
  \else
    \endgroup\thesis@style@inheritancefalse
  \fi}
```

\thesis@locale

2.2.22 The `locale` key

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

```
\def\thesis@locale{%
  % Babel / polyglossia detection
  \ifx\languagename\undefined%
  english\else\languagename\fi}
\define@key{thesis}{locale}{%
  \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.

```
\def\ifthesis@english{
  \expandafter\def\expandafter\@english\expandafter{\string%
  \english}%
  \expandafter\expandafter\expandafter\def\expandafter%
  \expandafter\expandafter\@locale\expandafter\expandafter%
  \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
  \expandafter\csname\expandafter i\expandafter f\ifx\@locale%
  \@english%
    true%
  \else%
```

```
    false%
\fi\endcsname}
```

\thesis@locale@inheritance

2.2.23 The `localeInheritance` key

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

```
\newif\ifthesis@locale@inheritance\thesis@locale@inheritancetrue
\define@key{thesis}{localeInheritance}[true]{%
  \begingroup
  \def\@true{true}%
  \def\@arg{#1}%
  \ifx\@true\@arg
    \endgroup\thesis@locale@inheritancetrue
  \else
    \endgroup\thesis@locale@inheritancefalse
  \fi}
```

2.2.24 The `date` key

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

\thesis@parseDate

\thesis@date

- `\thesis@date` – The entire *date*

\thesis@year

- `\thesis@year` – The `YYYY` part of *date*

\thesis@month

- `\thesis@month` – The `MM` part of *date*

\thesis@day

- `\thesis@day` – The `DD` part of *date*

\thesis@season

- `\thesis@season` – Expands to either:
  - `spring` if $2 < \texttt{MM} < 9$,
  - `fall` if $\texttt{MM} \leq 2$ or $\texttt{MM} \geq 9$.

\thesis@academicYear

- `\thesis@academicYear` – The academic year of the given semester:
  - $\texttt{YYYY} - 1/\texttt{YYYY}$ if $\texttt{MM} < 9$.
  - $\texttt{YYYY/YYYY} + 1$ if $\texttt{MM} \geq 9$

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

```
\def\thesis@parseDate#1/#2/#3|{{
  % Set the basic macros
  \gdef\thesis@date{#1/#2/#3}%
  \gdef\thesis@year{#1}%
  \gdef\thesis@month{#2}%
  \gdef\thesis@day{#3}%

  % Set the season
  \newcount\@month\expandafter\@month\thesis@month\relax
       \ifnum\@month>8\gdef\thesis@season{fall}
  \else\ifnum\@month<3\gdef\thesis@season{fall}
  \else                \gdef\thesis@season{spring}
  \fi\fi

  % Set the academic year
  \newcount\@year\expandafter\@year\thesis@year\relax
  \ifnum\@month>8%
                     \edef\@yearA{\the\@year}%
    \advance\@year 1\edef\@yearB{\the\@year}%
  \else
    \advance\@year-1\edef\@yearA{\the\@year}%
    \advance\@year 1\edef\@yearB{\the\@year}%
  \fi
  \global\edef\thesis@academicYear{\@yearA/\@yearB}}}

\edef\thesis@date{\the\year/\the\month/\the\day}%
\expandafter\thesis@parseDate\thesis@date|%

\define@key{thesis}{date}{{%
  \edef\@date{#1}%
  \expandafter\thesis@parseDate\@date|}}
```

\thesis@place

2.2.25 The `place` key

The {⟨`place`=*place*⟩} pair sets the location of the faculty, at which the thesis is being prepared, to *place*. The *place* is stored within the \thesis@place macro, whose implicit value is `Brno`.

```
\def\thesis@place{Brno}
\define@key{thesis}{place}{%
  \def\thesis@place{#1}}
```

\thesis@title

2.2.26 The `title` key

The {⟨`title`=*title*⟩} pair sets the title of the thesis to *title*. The *title* is stored within the \thesis@title macro. The standard LaTeX \title macro also sets this key.

\title

```
\thesis@def{title}
\define@key{thesis}{title}{%
  \def\thesis@title{#1}}
\def\title#1{\def\thesis@title{#1}}
```

\maketitle The standard LaTeX `\maketitle` macro is defined, but disabled.

```
\let\maketitle\relax
```

\thesis@TeXtitle

2.2.27 The `TeXtitle` key

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

```
\def\thesis@TeXtitle{\thesis@title}
\define@key{thesis}{TeXtitle}{%
  \def\thesis@TeXtitle{#1}}
```

\thesis@titleEn

2.2.28 The `titleEn` key

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

```
\thesis@def{titleEn}
\define@key{thesis}{titleEn}{%
  \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, which gets included in the PDF header of the resulting document. The *title* is stored within the `\thesis@TeXtitleEn` macro, whose implicit value is `\thesis@titleEn`.

```
\def\thesis@TeXtitleEn{\thesis@titleEn}
\define@key{thesis}{TeXtitleEn}{%
  \def\thesis@TeXtitleEn{#1}}
```

\thesis@keywords

2.2.30 The `keywords` key

The {⟨`keywords`=*list*⟩} pair sets the keywords of the thesis to the comma-delimited *list*. The *list* is stored within the `\thesis@keywords` macro.

```
\thesis@def{keywords}
\define@key{thesis}{keywords}{%
  \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, which gets included in the PDF header of the resulting document. The *list* is stored within the \thesis@TeXkeywords macro.

```
\def\thesis@TeXkeywords{\thesis@keywords}
\define@key{thesis}{TeXkeywords}{%
  \def\thesis@TeXkeywords{#1}}
```

\thesis@keywordsEn

2.2.32 The keywordsEn key

The {⟨keywordsEn=*list*⟩} pair sets the English keywords of the thesis to the comma-delimited *list*. The *list* is stored within the \thesis@keywordsEn macro.

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

\thesis@TeXkeywordsEn

2.2.33 The TeXkeywordsEn key

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

```
\def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
\define@key{thesis}{TeXkeywordsEn}{%
  \def\thesis@TeXkeywordsEn{#1}}
```

\thesis@abstract

2.2.34 The abstract key

The {⟨abstract=*text*⟩} pair sets the abstract of the thesis to *text*. The *text* is stored within the \thesis@abstract macro.

```
\thesis@def{abstract}
\long\def\KV@thesis@abstract#1{%
  \long\def\thesis@abstract{#1}}
```

\thesis@abstractEn

2.2.35 The abstractEn key

The {⟨abstractEn=*text*⟩} pair sets the English abstract of the thesis to *text*. The *text* is stored within the \thesis@abstractEn macro.

```
\thesis@def{abstractEn}
\long\def\KV@thesis@abstractEn#1{%
  \long\def\thesis@abstractEn{#1}}
```

\thesis@advisor

2.2.36 The `advisor` key

The {⟨`advisor`=*name*⟩} pair sets the thesis advisor's full name to *name*. The *name* is stored within the `\thesis@advisor` macro.

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

\thesis@thanks

2.2.37 The `thanks` key

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

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

\thesis@assignmentFiles

2.2.38 The `assignment` key

The {⟨`assignment`=*list*⟩} pair sets the comma-delimited list of paths to the PDF files containing the thesis assignment to *list*. The *list* is stored within the `\thesis@assignmentFiles` macro.

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

\ifthesis@auto

2.2.39 The `autoLayout` key

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

```
\newif\ifthesis@auto\thesis@autotrue
\define@key{thesis}{autoLayout}[true]{%
  \def\@true{true}%
  \def\@arg{#1}%
  \ifx\@true\@arg%
    \thesis@autotrue%
  \else%
    \thesis@autofalse%
  \fi}
```

\thesis@preamble
\thesis@postamble
\thesis@blocks@preamble
\thesis@blocks@postamble

The `\thesis@preamble` and `\thesis@postamble` macros temporarily switch to the hyphenation patterns and the `csquotes` style of the main locale and typeset the contents of the `\thesis@blocks@preamble` or `\thesis@blocks@postamble` macros, respectively.

Before leaving the group, the `\thesis@preamble` macro clears the page. After leaving the group, the `\thesis@preamble` macro sets up the style of the main matter

\thesis@blocks@mainMatter by expanding the \thesis@blocks@mainMatter macro. All the aforementioned @block@ macros are defined as \relax and are subject to redefinition by the loaded style files.

```
\def\thesis@preamble{%
  {\thesis@selectLocale{\thesis@locale}%
  \thesis@blocks@preamble\clearpage}
  \thesis@blocks@mainMatter}

\def\thesis@postamble{{%
  \thesis@selectLocale{\thesis@locale}%
  \thesis@blocks@postamble}}

\let\thesis@blocks@preamble\relax
\let\thesis@blocks@postamble\relax
\let\thesis@blocks@mainMatter\relax
```

2.3 The \thesislong macro

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

- abstract
- abstractEn
- thanks
- declaration

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

3 Private API

3.1 Main routine

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

\ifthesis@loaded The \ifthesis@loaded semaphore ensures that the expansion is only performed once.

```
\newif\ifthesis@loaded\thesis@loadedfalse
\AtEndPreamble{\thesis@load}
\def\thesis@load{%
  \ifthesis@loaded\else%
    \thesis@loadedtrue
    \makeatletter%
```

First, the name of the main locale file is fully expanded and loaded using the `\thesis@requireLocale` macro. If the user specified an explicit empty string as the value of `\thesis@locale`, do nothing.

```
\ifx\thesis@locale\empty\else
  \edef\thesis@locale{\thesis@locale}
  \thesis@requireLocale{\thesis@locale}
```

If the babel or polyglossia locale is identical to the thesis locale, the `\thesis@selectLocale` macro will be used to globally set up the csquotes style appropriate for the given locale.

```
  \ifx\languagename\empty\else
    \begingroup
    \edef\@doclocale{\languagename}%
    \ifx\@doclocale\thesis@locale
      \endgroup
      \AtBeginDocument{%
        \thesis@selectLocale{\thesis@locale}}%
    \else
      \endgroup
    \fi
  \fi
\fi
```

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

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

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

- `Title` is set to `\thesis@title`.
- `Author` is set to `\thesis@author`.
- `Keywords` is set to `\thesis@keywords`.
- `Creator` is set to `2015/12/03 v0.3.28 fithesis3 MU thesis class`.

```
 \thesis@require{hyperref}
 \hypersetup{
   unicode=true,
   pdfencoding=auto,
   pdftitle=\thesis@title,
   pdfauthor=\thesis@author,
   pdfkeywords=\thesis@keywords,
   pdfcreator=\thesis@version}
```

If autolayout is enabled, the `\thesis@preamble` and `\thesis@postamble` macros are scheduled for expansion at the beginning and at the end of the document, respectively.

```
      \ifthesis@auto
        \AtBeginDocument{\thesis@preamble}
        \AtEndDocument{\thesis@postamble}
      \fi
    \makeatother
  \fi}
```

3.2 File manipulation macros

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

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

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

```
\def\thesis@input#1{%
  \thesis@exists{#1}{\input{#1}}}
```

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

```
\newcommand\thesis@require[2][]{%
  \@ifpackageloaded{#2}{}{\RequirePackage[#1]{#2}}}
```

`\thesis@requireIfExists` The `\thesis@requireIfExists[`⟨*options*⟩`]{`⟨*package*⟩`}` expands to `\thesis@require[`⟨*options*⟩`]{`⟨*package*⟩`}`, if the specified *package* exists and has not yet been loaded.

```
\newcommand\thesis@requireIfExists[2][]{%
  \thesis@exists{#2.sty}{\thesis@require[#1]{#2}}}
```

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

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

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

```
\def\thesis@requireStyle#1{%
  \ifthesis@style@inheritance%
    \thesis@requireIfExists{\thesis@stylepath fithesis-base}%
```

```
    \thesis@requireIfExists{\thesis@stylepath\thesis@university%
      /fithesis-base}
  \fi%
  \thesis@requireIfExists{\thesis@stylepath#1}}
```

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

1. `\thesis@localepath fithesis-`*locale*`.def`
2. `\thesis@localepath\thesis@university/fithesis-`*locale*`.def`
3. `\thesis@localepath\thesis@university/\thesis@faculty/fithesis-`*locale*`.def`

If inheritance is disabled for locale files, then only the first listed file is loaded. The `fithesis-` prefix serves to prevent clashes with other similarly named files within the TEX directory structure. To prevent undesirable side effects from locale files being loaded multiple times, the `\thesis@`*locale*`@required` macro is defined as a flag, which prevents future invocations with the same *locale*. The macro can be used within both locale and style files, although the usage within locale files is strongly discouraged to prevent circular dependencies.

If the polyglossia package is being used, its definitions for the respective locale get loaded as well. As a consequence, this command may not be used within the document, but only in the preamble.

```
\def\thesis@requireLocale#1{%
  % Ignore redundant requests
  \expandafter\ifx\csname thesis@#1@required\endcsname\relax%
    \expandafter\def\csname thesis@#1@required\endcsname{}%
    \@ifpackageloaded{polyglossia}{\setotherlanguage{#1}}{}
    \thesis@input{\thesis@localepath fithesis-#1.def}%
    \ifthesis@locale@inheritance%
      \thesis@input{\thesis@localepath\thesis@university/%
        fithesis-#1.def}%
      \thesis@input{\thesis@localepath\thesis@university/%
        \thesis@faculty/fithesis-#1.def}%
    \fi
  \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.

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

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

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

\thesis@lower
\thesis@upper

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

```
\def\thesis@lower#1{{%
  \let\ea\expandafter%
  \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\lowercase\ea\ea\ea
  \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea{\ea\ea\ea\ea\ea\ea\ea\ea\ea
  \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
  sis@#1\endcsname\endcsname}}}
\def\thesis@upper#1{{%
  \let\ea\expandafter%
  \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\uppercase\ea\ea\ea
  \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea{\ea\ea\ea\ea\ea\ea\ea\ea\ea
  \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
  sis@#1\endcsname\endcsname}}}
```

\thesis@@lower
\thesis@@upper

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

```
\def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
\def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}}
```

\thesis@head
\thesis@tail

The \thesis@head and \thesis@tail macros are used for retrieving the head or the tail of space-separated token sequences that end with \relax.

```
\def\thesis@head#1 #2{%
  \ifx\relax#2%
    \expandafter\@gobbletwo%
  \else%
    \ #1%
  \fi%
  \thesis@head#2}%
\def\thesis@tail#1 #2{%
  \ifx\relax#2%
    #1%
    \expandafter\@gobbletwo%
  \fi%
  \thesis@tail#2}%
```

3.4 General purpose macros

\thesis@pages

The \thesis@pages macro contains the total number of pages within the document. During the first TEX compilation, the macro expands to ??.

```
\AtEndDocument{\write\@auxout{\noexpand\gdef\noexpand\thesis@pages{\thepage}}}
\ifx\thesis@pages\undefined\def\thesis@pages{??}\fi
```

\thesis@selectLocale `\thesis@selectLocale{⟨locale⟩}` macro redefines the `\thesis@locale` macro to *locale*, switches to the hyphenation patterns of *locale*, and starts using the `\thesis@`*locale*`@csquotesStyle` style of the csquotes package. The respective locale files and polyglossia locale definitions should be loaded beforehand using the `\thesis@requireLocale` macro.

This macro should always be used within a group, so that the locale, csquotes, and hyphenation settings return back to what the user has specified after the localized blocks of typographic material.

If not loaded by the user, the csquotes package gets loaded at the end of the preamble.

```
\AtEndPreamble{\thesis@require{csquotes}}
\def\thesis@selectLocale#1{%
  \edef\thesis@locale{#1}%
  \csq@setstyle{\thesis@@{csquotesStyle}}%
  \ltx@ifpackageloaded{polyglossia}{%
    \selectlanguage{\thesis@locale}
  }{%
    \language\csname l@\thesis@locale\endcsname
  }}
```

3.5 Locale files

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

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

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

3.5.1 Interface

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

- `\thesis@`*locale*`@csquotesStyle` – The name of the style of the csquotes package that matches this locale
- `\thesis@`*locale*`@universityName` – The name of the university
- `\thesis@`*locale*`@facultyName` – The name of the faculty
- `\thesis@`*locale*`@assignment` – The instructions to replace the current page with the official thesis assignment

- `\thesis@`*locale*`@declaration` – The thesis declaration text
- `\thesis@`*locale*`@fieldTitle` – The title of the field of study entry
- `\thesis@`*locale*`@advisorTitle` – The title of the advisor entry
- `\thesis@`*locale*`@authorTitle` – The title of the author entry
- `\thesis@`*locale*`@abstractTitle` – The title of the abstract section
- `\thesis@`*locale*`@keywordsTitle` – The title of the keywords section
- `\thesis@`*locale*`@thanksTitle` – The title of the 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*`@spring` – The name of the spring semester
- `\thesis@`*locale*`@fall` – The name of the fall semester
- `\thesis@`*locale*`@semester` – The full name of the current semester
- `\thesis@`*locale*`@typeName` – The name of the thesis type

where *locale* is the name of the locale.

3.5.2 English locale files

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

This is the base file of the English locale.

```
\ProvidesFile{fithesis/locale/fithesis-english.def}[2015/11/29]
```

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

```

% Placeholders
\gdef\thesis@english@universityName{University name}
\gdef\thesis@english@facultyName{Faculty name}
\gdef\thesis@english@assignment{Replace this page with a copy
  of the official signed thesis assignment.}
\gdef\thesis@english@declaration{Declaration text ...}

% Csquotes style
\gdef\thesis@english@csquotesStyle{english}

% Miscellaneous
\gdef\thesis@english@fieldTitle{Field of study}
\gdef\thesis@english@advisorTitle{Advisor}
\gdef\thesis@english@authorTitle{Author}
\gdef\thesis@english@abstractTitle{Abstract}
\gdef\thesis@english@keywordsTitle{Keywords}
```

```
\gdef\thesis@english@thanksTitle{Acknowledgement}
\gdef\thesis@english@declarationTitle{Declaration}
\gdef\thesis@english@idTitle{ID}
\gdef\thesis@english@spring{Spring}
\gdef\thesis@english@fall{Fall}
\gdef\thesis@english@semester{%
  \thesis@{english@\thesis@season} \thesis@year}
\gdef\thesis@english@typeName{%
  \ifx\thesis@type\thesis@bachelors%
    Bachelor's Thesis%
  \else\ifx\thesis@type\thesis@masters%
    Master's Thesis%
  \else\ifx\thesis@type\thesis@doctoral%
    Doctoral Thesis%
  \else\ifx\thesis@type\thesis@rigorous%
    Rigorous Thesis%
  \else%
    <<Unknown thesis type (\thesis@type)>>%
  \fi\fi\fi\fi}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2015/11/30]
\gdef\thesis@english@universityName{Masaryk University}
\gdef\thesis@english@declaration{%
  Hereby I declare that this paper is my original authorial work,
  which I have worked out on my own. All sources, references, and
  literature used or excerpted during elaboration of this work are
  properly cited and listed in complete reference to the due source.}

% Miscellaneous
\gdef\thesis@english@idTitle{UČO}
```

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

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

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

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

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

```
\ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]

% Placeholders
\gdef\thesis@english@facultyName{Faculty of Sports Studies}

% Miscellaneous
\gdef\thesis@english@fieldTitle{Specialization}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2015/06/26]

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

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

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

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

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

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

```
\ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2015/06/26]

% Miscellaneous
\gdef\thesis@english@abstractTitle{Annotation}
```

```
454
455 % Placeholders
456 \gdef\thesis@english@facultyName{Faculty of Medicine}
457
458 % Bibliographic entry
459 \gdef\thesis@english@bib@title{Bibliographic record}
460 \gdef\thesis@english@bib@pages{p}
```

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

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

```
461 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2015/06/26]
462
463 % Placeholders
464 \gdef\thesis@english@facultyName{Faculty of Informatics}
465 \gdef\thesis@english@assignment{Replace this page with a copy
466   of the official signed thesis assignment and the copy of the
467   Statement of an Author.}
468
469 % Others
470 \gdef\thesis@english@advisorSignature{Signature of Thesis
471   \thesis@english@advisorTitle}
```

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

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

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

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

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

```
474 \ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2015/06/26]
475
476 % Placeholders
477 \gdef\thesis@english@facultyName{Faculty of Education}
478
479 % Bibliographic entry
480 \gdef\thesis@english@bib@title{Bibliographic record}
```

```
\gdef\thesis@english@bib@pages{p}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2015/06/26]

% Placeholders
\gdef\thesis@english@facultyName{Faculty of Science}

% Miscellaneous
\global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor

% Bibliographic entry
\gdef\thesis@english@bib@title{Bibliographic entry}
\global\let\thesis@english@bib@author\thesis@english@authorTitle
\gdef\thesis@english@bib@thesisTitle{Title of Thesis}
\gdef\thesis@english@bib@programme{Degree Programme}
\global\let\thesis@english@bib@field\thesis@english@fieldTitle
\gdef\thesis@english@bib@advisor{Supervisor}
\gdef\thesis@english@bib@academicYear{Academic Year}
\gdef\thesis@english@bib@pages{Number of Pages}
\global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle
```

3.5.3 Czech locale files

3.5.3.1 The `locale/fithesis-czech.def` file

This is the base file of the Czech locale.

```
\ProvidesFile{fithesis/locale/fithesis-czech.def}[2015/11/29]
```

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

`\thesis@czech@gender@koncovka` The locale file also defines the `\thesis@czech@gender@koncovka` macro, which expands to the correct verb ending based on the value of the `\thesis@ifwoman` macro and the

`\thesis@czech@typeName@akuzativ` `\thesis@czech@typeName@akuzativ` containing the accusative case of the thesis type name.

```

% Pomocná makra
\gdef\thesis@czech@gender@koncovka{%
  \ifthesis@woman a\fi}

% Csquotes styl
```

```
\gdef\thesis@czech@csquotesStyle{german}

% Zástupné texty
\gdef\thesis@czech@universityName{Název univerzity}
\gdef\thesis@czech@facultyName{Název fakulty}
\gdef\thesis@czech@assignment{Místo tohoto listu vložte kopii
  oficiálního podepsaného zadání práce.}
\gdef\thesis@czech@declaration{Text prohlášení ...}

% Různé
\gdef\thesis@czech@fieldTitle{Obor}
\gdef\thesis@czech@advisorTitle{Vedoucí práce}
\gdef\thesis@czech@authorTitle{Autor}
\gdef\thesis@czech@abstractTitle{Shrnutí}
\gdef\thesis@czech@keywordsTitle{Klíčová slova}
\gdef\thesis@czech@thanksTitle{Poděkování}
\gdef\thesis@czech@declarationTitle{Prohlášení}
\gdef\thesis@czech@idTitle{ID}
\gdef\thesis@czech@spring{jaro}
\gdef\thesis@czech@fall{podzim}
\gdef\thesis@czech@semester{%
  \thesis@{czech@\thesis@season} \thesis@year}
\gdef\thesis@czech@typeName{%
  \ifx\thesis@type\thesis@bachelors%
    Bakalářská práce%
  \else\ifx\thesis@type\thesis@masters%
    Diplomová práce%
  \else\ifx\thesis@type\thesis@doctoral%
    Disertační práce%
  \else\ifx\thesis@type\thesis@rigorous%
    Rigorózní práce%
  \else%
    <<Neznámý typ práce (\thesis@type)>>%
  \fi\fi\fi\fi}
\gdef\thesis@czech@typeName@akuzativ{%
  \ifx\thesis@type\thesis@bachelors%
    Bakalářskou práci%
  \else\ifx\thesis@type\thesis@masters%
    Diplomovou práci%
  \else\ifx\thesis@type\thesis@doctoral%
    Disertační práci%
  \else\ifx\thesis@type\thesis@rigorous%
    Rigorózní práci%
  \else%
    <<Neznámý typ práce (\thesis@type)>>%
  \fi\fi\fi\fi}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2015/11/17]

% Zástupné texty
\gdef\thesis@czech@universityName{Masarykova univerzita}
\gdef\thesis@czech@declaration{Prohlašuji, že jsem
  \thesis@lower{czech@typeName@akuzativ} zpracoval%
  \thesis@czech@gender@koncovka\ samostatně a
  použil\thesis@czech@gender@koncovka\ jen prameny
  uvedené~v seznamu literatury.}

% Různé
\gdef\thesis@czech@idTitle{UČO}
```

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

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

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

% Různé
\gdef\thesis@czech@abstractTitle{Abstrakt}

% Zástupné texty
\gdef\thesis@czech@facultyName{Právnická fakulta}
\gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
  univerzity}
```

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

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

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

% Zástupné texty
\gdef\thesis@czech@facultyName{Fakulta sportovních studií}

% Různé
\gdef\thesis@czech@fieldTitle{Specializace}
```

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

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

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

% Zástupné texty
\gdef\thesis@czech@facultyName{Fakulta sociálních studií}
\gdef\thesis@czech@assignment{Místo tohoto listu
  vložte kopie oficiálního podepsaného zadání práce nebo
  prohlášení autora školního díla nebo obojí~v závislosti na
  požadavcích příslušné katedry.}

```

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

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

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

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

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

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

% Různé
\gdef\thesis@czech@abstractTitle{Anotace}

% Zástupné texty
\gdef\thesis@czech@facultyName{Lékařská fakulta}

% Bibliografický záznam
\gdef\thesis@czech@bib@title{Bibliografický záznam}
\gdef\thesis@czech@bib@pages{str}
```

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

This is the Czech locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and redefines the `declaration` string in accordance with the requirements of the faculty. The file also defines the `advisorSignature` string required by the

`\thesis@blocks@titlePage` block defined within the `style/mu/fithesis-fi.sty` style file.

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

% Zástupné texty
\gdef\thesis@czech@facultyName{Fakulta informatiky}
\gdef\thesis@czech@assignment{Místo tohoto listu
  vložte kopie oficiálního podepsaného zadání práce a
  prohlášení autora školního díla.}
\gdef\thesis@czech@declaration{%
  Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
  původním autorským dílem, které jsem vypracoval%
  \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
  prameny a literaturu, které jsem při vypracování
  používal\thesis@czech@gender@koncovka\ nebo z~nich
  čerpal\thesis@czech@gender@koncovka, v~práci řádně cituji
  s~uvedením úplného odkazu na příslušný zdroj.}

% Ostatní
\gdef\thesis@czech@advisorSignature{Podpis vedoucího}
```

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

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

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

% Zástupné texty
\gdef\thesis@czech@facultyName{Filozofická fakulta}
\gdef\thesis@czech@declaration{%
  Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
  vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
  uvedené literatury.}

% Ostatní
\gdef\thesis@czech@typeName{%
  \ifx\thesis@type\thesis@bachelors%
    Bakalářská diplomová práce%
  \else\ifx\thesis@type\thesis@masters%
    Magisterská diplomová práce%
  \else\ifx\thesis@type\thesis@doctoral%
    Disertační práce%
  \else%
    <<Neznámý typ práce (\thesis@type)>>%
  \fi\fi\fi}
\gdef\thesis@czech@typeName@akuzativ{%
  \ifx\thesis@type\thesis@bachelors%
```

```
    Diplomovou práci%
  \else\ifx\thesis@type\thesis@masters%
    Diplomovou práci%
  \else\ifx\thesis@type\thesis@doctoral%
    Disertační práci%
  \else%
    <<Neznámý typ práce (\thesis@type)>>%
  \fi\fi\fi}
```

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

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

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

% Zástupné texty
\gdef\thesis@czech@facultyName{Pedagogická fakulta}

% Bibliografický záznam
\gdef\thesis@czech@bib@title{Bibliografický záznam}
\gdef\thesis@czech@bib@pages{str}
```

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

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

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

% Zástupné texty
\gdef\thesis@czech@facultyName{Přírodovědecká fakulta}

% Ostatní
\gdef\thesis@czech@abstractTitle{Abstrakt}
\gdef\thesis@czech@declaration{%
  Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
  akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
  statně s~využitím informačních zdrojů, které jsou v~práci
  citovány.}

% Bibliografický záznam
\gdef\thesis@czech@bib@title{Bibliografický záznam}
\global\let\thesis@czech@bib@author\thesis@czech@authorTitle
```

```
\gdef\thesis@czech@bib@thesisTitle{Název práce}
\gdef\thesis@czech@bib@programme{Studijní program}
\global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
\global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
\gdef\thesis@czech@bib@academicYear{Akademický rok}
\gdef\thesis@czech@bib@pages{Počet stran}
\global\let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle
```

3.5.4 Slovak locale files

3.5.4.1 The `locale/fithesis-slovak.def` file

This is the base file of the Slovak locale.

```
\ProvidesFile{fithesis/locale/fithesis-slovak.def}[2015/11/29]
```

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

`\thesis@slovak@gender@koncovka`

The locale file also defines the `\thesis@slovak@gender@koncovka` macro, which expands to the correct verb ending based on the value of the `\thesis@ifwoman` macro and the

`\thesis@slovak@typeName@akuzativ`

`\thesis@slovak@typeName@akuzativ` containing the accusative case of the thesis type name.

```

% Pomocná makrá
\gdef\thesis@slovak@gender@koncovka{%
  \ifthesis@woman a\fi}

% Csquotes štýl
\gdef\thesis@slovak@csquotesStyle{german}

% Zástupné texty
\gdef\thesis@slovak@universityName{Názov univerzity}
\gdef\thesis@slovak@facultyName{Názov fakulty}
\gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
  oficiálneho podpísaného zadania práce.}
\gdef\thesis@slovak@declaration{Text prehlásenie ...}

% Rôzne
\gdef\thesis@slovak@fieldTitle{Odbor}
\gdef\thesis@slovak@advisorTitle{Vedúci práce}
\gdef\thesis@slovak@authorTitle{Autor}
\gdef\thesis@slovak@abstractTitle{Zhrnutie}
\gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
\gdef\thesis@slovak@thanksTitle{Poďakovanie}
\gdef\thesis@slovak@declarationTitle{Prehlásenie}
\gdef\thesis@slovak@idTitle{ID}
\gdef\thesis@slovak@spring{jar}
\gdef\thesis@slovak@fall{jeseň}
\gdef\thesis@slovak@semester{%
```

```
  \thesis@{slovak@\thesis@season} \thesis@year}
\gdef\thesis@slovak@typeName{%
  \ifx\thesis@type\thesis@bachelors%
    Bakalárska práca%
  \else\ifx\thesis@type\thesis@masters%
    Diplomová práca%
  \else\ifx\thesis@type\thesis@doctoral%
    Dizertačná práca%
  \else\ifx\thesis@type\thesis@rigorous%
    Rigorózna práca%
  \else%
    <<Neznámy typ práce (\thesis@type)>>%
  \fi\fi\fi\fi}
\gdef\thesis@slovak@typeName@akuzativ{%
  \ifx\thesis@type\thesis@bachelors%
    Bakalársku prácu%
  \else\ifx\thesis@type\thesis@masters%
    Diplomovú prácu%
  \else\ifx\thesis@type\thesis@doctoral%
    Dizertačnú prácu%
  \else\ifx\thesis@type\thesis@rigorous%
    Rigoróznu prácu%
  \else%
    <<Neznámy typ práce (\thesis@type)>>%
  \fi\fi\fi\fi}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2015/11/17]

% Zástupné texty
\gdef\thesis@slovak@universityName{Masarykova univerzita}
\gdef\thesis@slovak@declaration{%
  Prehlasujem, že som predloženú \thesis@lower{%
  slovak@typeName@akuzativ} vypracoval%
  \thesis@slovak@gender@koncovka\ samostatne len s~použitím
  uvedenej literatúry a prameňov.}

% Rôzne
\gdef\thesis@slovak@idTitle{UČO}
```

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

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

`\thesis@blocks@titlePage` blocks and replaces the `abstractTitle` string in accordance with the requirements of the faculty.

```
\ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]

% Rôzne
\gdef\thesis@slovak@abstractTitle{Abstrakt}

% Zástupné texty
\gdef\thesis@slovak@facultyName{Právnická fakulta}
\gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
  univerzity}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]

% Zástupné texty
\gdef\thesis@slovak@facultyName{Fakulta športových štúdií}

% Rôzne
\gdef\thesis@slovak@fieldTitle{Špecializácie}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2015/06/26]

% Zástupné texty
\gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
\gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
  oficiálneho podpísaného zadania práce alebo prehlásenie autora
  školského diela alebo obidve~v závislosti na požiadavkách
  príslušnej katedry.}
```

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

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

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

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

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

```
\ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2015/06/26]

% Rôzne
\gdef\thesis@slovak@abstractTitle{Anotácie}

% Zástupné texty
\gdef\thesis@slovak@facultyName{Lekárska fakulta}

% Bibliografický zoznam
\gdef\thesis@slovak@bib@title{Bibliografický záznam}
\gdef\thesis@slovak@bib@pages{str}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2015/06/26]

% Zástupné texty
\gdef\thesis@slovak@facultyName{Fakulta informatiky}
\gdef\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
  oficiálneho podpísaného zadania práce a prehlásenie autora
  školského diela.}
\gdef\thesis@slovak@declaration{%
  Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
  pôvodným autorským dielom, ktoré som vypracoval%
  \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
  pramene a literatúru, ktoré som pri vypracovaní
  používal\thesis@slovak@gender@koncovka\ alebo z~nich
  čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
  s~uvedením úplného odkazu na príslušný zdroj.}

% Rôzne
\gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
```

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

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

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

% Zástupné texty
\gdef\thesis@slovak@facultyName{Filozofická fakulta}
\gdef\thesis@slovak@declaration{%
  Prehlasujem, že som predloženú \thesis@lower{%
  slovak@typeName@akuzativ} vypracoval%
  \thesis@slovak@gender@koncovka\ samostatne na
  základe vlastných zistení a len s~použitím
  uvedenej literatúry a prameňov.}

% Rôzne
\gdef\thesis@slovak@typeName{%
  \ifx\thesis@type\thesis@bachelors%
    Bakalárska diplomová práca%
  \else\ifx\thesis@type\thesis@masters%
    Magisterská diplomová práca%
  \else\ifx\thesis@type\thesis@doctoral%
    Dizertačná práca%
  \else%
    <<Neznámy typ práce (\thesis@type)>>%
  \fi\fi\fi}
\gdef\thesis@slovak@typeName@akuzativ{%
  \ifx\thesis@type\thesis@bachelors%
    Diplomovú prácu%
  \else\ifx\thesis@type\thesis@masters%
    Diplomovú prácu%
  \else\ifx\thesis@type\thesis@doctoral%
    Dizertačnú prácu%
  \else%
    <<Neznámý typ práce (\thesis@type)>>%
  \fi\fi\fi}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2015/06/26]

% Zástupné texty
```

```
\gdef\thesis@slovak@facultyName{Pedagogická fakulta}

% Bibliografický zoznam
\gdef\thesis@slovak@bib@title{Bibliografický záznam}
\gdef\thesis@slovak@bib@pages{str}
```

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

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

```
\ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]

% Zástupné texty
\gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}
```

3.6 Style files

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

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

`\file`

3.6.1 Interface

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

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

3.6.2 Base style files

3.6.2.1 The `style/fithesis-base.sty` file

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

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

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

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

```
\ProvidesPackage{fithesis/style/mu/fithesis-base}[2015/11/17]
\NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

- `10pt`, `11pt`, `12pt` – Sets the type size to 10, 11 or 12 points respectively.
- `oneside`, `twoside` – The document is going to be either single- or double-sided, respectively. In a double-sided document, headers, page numbering, margin notes and several other elements will be arranged based on the parity of the page. Blank pages will also be inserted prior the beginning of each chapter to ensure that it starts on a right-hand (odd-numbered) page. The `\ifthesis@twoside@` `\ifthesis@twoside@` conditional is set to either `false` or `true`, respectively.
- `onecolumn`, `twocolumn` – The document is going to be set in either a single column or in two columns, respectively.
- `draft`, `final` – Overful lines either are or aren't marked within the document, respectively, and graphics either aren't or are inserted into the document, respectively.
- `palatino`, `nopalatino` – The roman text font family and the math font family is going to be either set to Palatino or left untouched, respectively. The `\ifthesis@palatino@` `\ifthesis@palatino@` conditional is set to either `true` or `false`, respectively. The Palatino font is a part of the visual identity of the Faculty of Informatics at which the document class was created.
- `color`, `monochrome` – Certain typographical elements either are or aren't `\ifthesis@color@` going to be typeset in color, respectively. The `\ifthesis@color@` conditional is set to either `true` or `false`, respectively.
- `microtype`, `nomicrotype` – The microtypographic extension of modern TEX engines – such as pdfTEX, XƎTEX, or LuaTEX – is or isn't going to be enabled, `\ifthesis@microtype@` respectively. The `\ifthesis@microtype@` conditional is set to either `true` or `false`, respectively.
- `table`, `oldtable` – If the `\ifthesis@color@` conditional is `true`, then the definitions of the `tabular`, `tabularx`, and `tabu` commands either are or aren't going to be altered to better match the style, respectively. The `\ifthesis@newtable@` `\ifthesis@newtable@` conditional is set to either `true` or `false`, respectively.

  The choice of the option name is deliberate – the redefinition of the table environments depends on the `xcolor` package, which needs to be loaded with the `table` option. Since so many other packages depend on the `xcolor`

package and this style file is loaded at the very end of the preamble, there would either be a great chance of an option clash, or the option would have to be passed to the xcolor package before the preamble from the body of the fithesis3 class thus breaking the encapsulation. Naming the option table forces the option to be processed by the xcolor package as well and it is therefore an elegant solution to the problem at hand.

\thesis@blocks@tables

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

\thesis@blocks@tables

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

\thesis@blocks@cover \ifthesis@cover@

- cover, nocover – The \thesis@blocks@cover either is going to expand to either the thesis cover or produces no output, respectively. The \ifthesis@cover@ conditional is set to false or true, respectively.

```
\DeclareOption{10pt}{\def\thesis@ptsize{0}}
\DeclareOption{11pt}{\def\thesis@ptsize{1}}
\DeclareOption{12pt}{\def\thesis@ptsize{2}}
\newif\ifthesis@twoside@
\DeclareOption{oneside}{%
  \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
\DeclareOption{twoside}{%
  \thesis@twoside@true \@twosidetrue \@mparswitchtrue}
\DeclareOption{onecolumn}{\@twocolumnfalse}
\DeclareOption{twocolumn}{\@twocolumntrue}
\DeclareOption{draft}{\setlength\overfullrule{5pt}}
\DeclareOption{final}{\setlength\overfullrule{0pt}}
\newif\ifthesis@color@
\DeclareOption{monochrome}{\thesis@color@false}
\DeclareOption{color}{\thesis@color@true}
\newif\ifthesis@microtype@
\DeclareOption{microtype}{\thesis@microtype@true}
\DeclareOption{nomicrotype}{\thesis@microtype@false}
\newif\ifthesis@palatino@
\DeclareOption{palatino}{\thesis@palatino@true}
\DeclareOption{nopalatino}{\thesis@palatino@false}
\newif\ifthesis@newtable@
\DeclareOption{table}{\thesis@newtable@true}
\DeclareOption{oldtable}{\thesis@newtable@false}
\DeclareOption{nolot}{\def\thesis@blocks@lot{}}
\DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
\DeclareOption{nolof}{\def\thesis@blocks@lof{}}
\DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
\newif\ifthesis@cover@
\DeclareOption{nocover}{\thesis@cover@false}
\DeclareOption{cover}{\thesis@cover@true}
```

These are the default options:

```
\ExecuteOptions{12pt,twoside,final,monochrome,microtype,%
  palatino,oldtable,lot,lof,nocover}
\ProcessOptions
```

The file uses English locale strings within the macros.

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

The file loads the following packages:

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

```
\thesis@require{xcolor}
\thesis@require{graphicx}
\thesis@require{pdfpages}
\thesis@require{keyval}
\thesis@require{ifxetex}
\thesis@require{ifluatex}
```

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

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

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

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

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

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

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

```
\ifthesis@xeluatex
  \ifthesis@palatino@
    \thesis@require{fontspec}
    \thesis@require{unicode-math}
    \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
    \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
      {texgyrepagella-math.otf}
  \fi
```

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

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

```
\else
  \ifthesis@palatino@
    \RequirePackage[resetfonts]{cmap}
    \thesis@require{lmodern}
    \thesis@require{mathpazo}
    \thesis@require{tgpagella}
    \RequirePackage[T1]{fontenc}
  \fi
\fi
```

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

- tabularx – Provides the `tabularx` environment, which enables the typesetting of tables with flexible-width columns.
- tabu – Provides the `tabu` environment, which enables the typesetting of complex tables.
- booktabs – A package, which allows the creation of publication-quality tables in LaTeX.

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

`\thesis@newtable@old` `\endthesis@newtable@old`

The `\thesis@newtable@old` and `\endthesis@newtable@old` macros contain-

ing the original definition of the tabular environment are always defined and are available for subsequently loaded styles in case the typesetting of unaltered tables is required. Similarly, the \thesis@newtable@oldx and \endthesis@newtable@oldx macros are defined for the tabularx environment and the \thesis@newtable@oldtabu and \endthesis@newtable@oldtabu for the tabu environment.

\thesis@newtable@oldx
\endthesis@newtable@oldx
\thesis@newtable@oldtabu
\endthesis@newtable@oldtabu

```
\let\thesis@newtable@old\tabular
\let\endthesis@newtable@old\endtabular
\ifthesis@newtable@\ifthesis@color@
  \thesis@require{tabularx}
  \thesis@require{tabu}
  \thesis@require{booktabs}
  % The redefinition of ‘tabular‘
  \renewenvironment{tabular}%
    {\rowcolors{1}{thesis@color@tableOdd}%
                  {thesis@color@tableEven}%
     \thesis@newtable@old}%
    {\endthesis@newtable@old}
  % The redefinition of ‘tabularx‘
  \let\thesis@newtable@oldx\tabularx
  \let\endthesis@newtable@oldx\endtabularx
  \renewenvironment{tabularx}%
    {\rowcolors{1}{thesis@color@tableOdd}%
                  {thesis@color@tableEven}%
     \thesis@newtable@oldx}%
    {\endthesis@newtable@oldx}
  % The redefinition of ‘tabu‘
  \let\thesis@newtable@oldtabu\tabu
  \let\endthesis@newtable@oldtabu\endtabu
  \renewenvironment{tabu}%
    {\rowcolors{1}{thesis@color@tableOdd}%
                  {thesis@color@tableEven}%
     \thesis@newtable@oldtabu}%
    {\endthesis@newtable@oldtabu}
  % Adjust the measurements
  \setlength{\aboverulesep}{0pt}
  \setlength{\belowrulesep}{0pt}
  \setlength{\extrarowheight}{.75ex}
\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.

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

Clubs and widows are set to be infinitely bad.

```
\widowpenalty 10000
\clubpenalty  10000
```

`\thesis@color@setup` The file defines the `\thesis@color@setup{`⟨*colors*⟩`}` command, where *colors* is a comma-delimited list of key-value pairs as defined by the keyval package. The command can be invoked either by the subsequently loaded style files or by the user to define which colors will be used, when the `color` option is specified.

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

The following key-value pairs are supported:

1. `{`⟨`links=`*color*⟩`}` – Sets the color of hyperref links to *color* and stores it under the name `thesis@color@links`. The default color of links is specified by the hyperref package.
2. `{`⟨`tableOdd=`*color*⟩`}` – Stores the color of the odd rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableOdd`.
3. `{`⟨`tableEven=`*color*⟩`}` – Stores the color of the even rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableEven`.
4. `{`⟨`tableEmph=`*color*⟩`}` – Stores the color of an emphasized cell in a table user under the name `thesis@color@tableEmph`. This color is meant to be used manually by the user.

```
\define@key{thesis@color}{links}{%
  \definecolor{thesis@color@links}#1
  \hypersetup{linkbordercolor=thesis@color@links}}
\define@key{thesis@color}{tableOdd}{%
  \definecolor{thesis@color@tableOdd}#1}
\define@key{thesis@color}{tableEven}{%
  \definecolor{thesis@color@tableEven}#1}
\define@key{thesis@color}{tableEmph}{%
  \definecolor{thesis@color@tableEmph}#1}
```

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

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

```
\def\thesis@blocks@frontMatter{%
  \thesis@blocks@clear
  \pagestyle{plain}
  \parindent 1.5em
  \setcounter{page}{1}
  \pagenumbering{roman}}
```

`\thesis@blocks@clear` The `\thesis@blocks@clear` macro clears the current page. It also clears the next left-hand (even-numbered) page, when double-sided typesetting is enabled.

```
\def\thesis@blocks@clear{%
  \ifthesis@twoside@%
    \clearpage%
```

```
    \thispagestyle{empty}%
    \cleardoublepage%
  \else%
    \newpage%
  \fi}
```

`\thesis@blocks@clearRight` The `\thesis@blocks@clearRight` macro clears the current page. It also clears the next right-hand (odd-numbered) page, when double-sided typesetting is enabled.

```
\def\thesis@blocks@clearRight{%
  \ifthesis@twoside@%
    \clearpage%
    \ifodd\value{page}%
      \thispagestyle{empty}%
      \hbox{}%
      \newpage%
    \fi%
  \else%
    \newpage%
  \fi}
```

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

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

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

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

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

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

`esis@blocks@universityLogo@color` The `\thesis@blocks@universityLogo@color[`⟨*options*⟩`]` macro typesets either the `\thesis@logopath\thesis@universityLogo` logo, if the `\ifthesis@color@` con-

ditional is `false`, or the `\thesis@logopath\thesis@universityLogo-color` logo otherwise with the given *options* passed to `\includegraphics`.

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

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

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

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

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

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

```
\def\thesis@blocks@cover{%
  \ifthesis@cover@%
    \thesis@blocks@clear%
    \begin{alwayssingle}%
      \thispagestyle{empty}%
      \begin{center}%
        \thesis@blocks@cover@header%
        \thesis@blocks@facultyLogo@monochrome\\[0.4in]%
        \let\footnotesize\small%
        \let\footnoterule\relax{}%
        \thesis@blocks@cover@content%
        \par\vfill%
        \thesis@blocks@cover@footer%
      \end{center}%
    \end{alwayssingle}%
  \fi}
```

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

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

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

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

```
\newif\ifthesis@blocks@cover@university@
\thesis@blocks@cover@university@true
\newif\ifthesis@blocks@cover@faculty@
\thesis@blocks@cover@faculty@true
\newif\ifthesis@blocks@cover@department@
\thesis@blocks@cover@department@false
\newif\ifthesis@blocks@cover@field@
\thesis@blocks@cover@field@false

\def\thesis@blocks@cover@header{%
  {\sc\ifthesis@blocks@cover@university@%
        \thesis@titlePage@LARGE\thesis@@{universityName}\\%
   \fi\ifthesis@blocks@cover@faculty@%
        \thesis@titlePage@Large\thesis@@{facultyName}\\%
   \fi\ifthesis@blocks@cover@department@%
        \thesis@titlePage@large\thesis@department\\%
      \fi}
  \ifthesis@blocks@cover@field@%
    {\thesis@titlePage@large\vskip 1em%
      {\bf\thesis@@{fieldTitle}:} \thesis@field}%
  \fi\vskip 2em}
\def\thesis@blocks@cover@content{%
  {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
  \vskip 0.8in%
  {\thesis@titlePage@large\sc\thesis@@{typeName}}\\[0.3in]%
  {\thesis@titlePage@Large\bf\thesis@author}}
\def\thesis@blocks@cover@footer{%
  {\thesis@titlePage@large\thesis@place, \thesis@@{semester}}}
```

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

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

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

```
\def\thesis@blocks@titlePage{%
    \thesis@blocks@clear%
    \begin{alwayssingle}%
```

```
      \thispagestyle{empty}%
      \begin{center}%
        \thesis@blocks@titlePage@header%
        \thesis@blocks@facultyLogo@color\\[0.4in]%
        \let\footnotesize\small%
        \let\footnoterule\relax{}%
        \thesis@blocks@titlePage@content%
        \par\vfill%
        \thesis@blocks@titlePage@footer%
      \end{center}%
    \end{alwayssingle}}
```

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

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

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

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

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

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

```
\newif\ifthesis@blocks@titlePage@university@
\thesis@blocks@titlePage@university@true
\newif\ifthesis@blocks@titlePage@faculty@
\thesis@blocks@titlePage@faculty@true
\newif\ifthesis@blocks@titlePage@department@
\thesis@blocks@titlePage@department@false
\newif\ifthesis@blocks@titlePage@field@
\thesis@blocks@titlePage@field@false

\def\thesis@blocks@titlePage@header{%
  {\sc\ifthesis@blocks@titlePage@university@%
        \thesis@titlePage@LARGE\thesis@@{universityName}\\%
   \fi\ifthesis@blocks@titlePage@faculty@%
        \thesis@titlePage@Large\thesis@@{facultyName}\\%
   \fi\ifthesis@blocks@titlePage@department@%
        \thesis@titlePage@large\thesis@department\\%
```

```
      \fi}
  \ifthesis@blocks@titlePage@field@%
    {\thesis@titlePage@large\vskip 1em%
      {\bf\thesis@@{fieldTitle}:} \thesis@field}%
  \fi\vskip 2em}
\let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
\let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer
```

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

```
\def\thesis@blocks@tables{%
  \thesis@blocks@clear%
  \tableofcontents%
  \thesis@blocks@lot%
  \thesis@blocks@lof}
```

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

```
\def\thesis@blocks@declaration{%
  \thesis@blocks@clear%
  \begin{alwayssingle}%
    \chapter*{\thesis@@{declarationTitle}}%
    \thesis@declaration%
    \vskip 2cm%
    \hfill\thesis@author%
  \end{alwayssingle}}
```

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

```
\def\thesis@blocks@thanks{%
  \ifx\thesis@thanks\undefined\else%
    \thesis@blocks@clear%
    \begin{alwayssingle}%
      \chapter*{\vspace*{\fill}\thesis@@{thanksTitle}}%
      \thesis@thanks%
    \end{alwayssingle}%
  \fi}
```

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

```
\def\thesis@blocks@abstract{%
  \begin{alwayssingle}%
    % Start the new chapter without clearing the right page
    {\def\cleardoublepage{}
    \chapter*{\thesis@@{abstractTitle}}}%
    \noindent\thesis@abstract%
    \par\vfil\null%
  \end{alwayssingle}}
```

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

```
\def\thesis@blocks@abstractEn{%
  \ifthesis@english\else%
    {\thesis@selectLocale{english}%
    \begin{alwayssingle}%
      % Start the new chapter without clearing the right page
      {\def\cleardoublepage{}%
      \chapter*{\thesis@english@abstractTitle}%
      \thesis@abstractEn}%
      \par\vfil\null%
    \end{alwayssingle}}%
  \fi}
```

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

```
\def\thesis@blocks@keywords{%
  \begin{alwayssingle}%
    % Start the new chapter without clearing the right page
    {\def\cleardoublepage{}%
    \chapter*{\thesis@@{keywordsTitle}}%
    \noindent\thesis@TeXkeywords}%
    \par\vfil\null%
  \end{alwayssingle}}
```

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

```
\def\thesis@blocks@keywordsEn{%
  \ifthesis@english\else%
    {\thesis@selectLocale{english}%
    \begin{alwayssingle}%
      % Start the new chapter without clearing the right page
      {\def\cleardoublepage{}%
      \chapter*{\thesis@english@keywordsTitle}%
      \thesis@TeXkeywordsEn}%
      \par\vfil\null%
    \end{alwayssingle}}%
  \fi}
```

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

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

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

```
\newif\ifthesis@blocks@assignment@
\thesis@blocks@assignment@true
\def\thesis@blocks@assignment{%
  \ifthesis@blocks@assignment@%
    \ifx\thesis@assignmentFiles\undefined%
      % Typeset a placeholder page.
      \thesis@blocks@clear%
      \begin{alwayssingle}%
        \thispagestyle{empty}%
        \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}%
        \noindent\textit{\thesis@@{assignment}}%
      \end{alwayssingle}%
    \else%
      {\edef\@pdfList{\thesis@assignmentFiles}%
      \ifx\@pdfList\empty\else
        \let\ea\expandafter
        % Inject the specified PDF documents.
        \def\@inject##1,{\thesis@blocks@clear
          \def\@args{##1}\def\@relax{\relax}%
          \ifx\@args\@relax\else%
            % Trim leading spaces.
            \edef\@trimmed{\romannumeral-`\.##1}%
            \includepdf[pages=-]\@trimmed
            \ea\@inject\fi}%
        \ea\@inject\@pdfList,\relax,%
      \fi}%
    \fi%
  \fi}
```

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

```
\def\thesis@blocks@mainMatter{%
  \thesis@blocks@clear
  \setcounter{page}{1}
  \pagenumbering{arabic}
  \pagestyle{thesisheadings}
  \parindent 1.5em\relax}
```

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

```
% Table of contents will contain sectioning commands up to
% \subsubsection
\setcounter{tocdepth}{3}

% Load the `fithesis-1*.clo` size option
```

```
\input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax

\def\ps@thesisheadings{%
\def\chaptermark##1{%
\markright{%
\ifnum\c@secnumdepth >\m@ne
\thechapter.\ %
\fi ##1}}
\let\@oddfoot\@empty
\let\@oddhead\@empty
\def\@oddhead{\vbox{\hbox to \textwidth{%
\hfil{\sc\rightmark}}\vskip 4pt\hrule}}
\if@twoside
 \def\@evenhead{\vbox{\hbox to \textwidth{%
 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
\else
 \let\@evenhead\@oddhead
\fi
\def\@oddfoot{\hfil\PageFont\thepage}
\if@twoside
 \def\@evenfoot{\PageFont\thepage\hfil}%
\else
 \let\@evenfoot\@oddfoot
\fi
\let\@mkboth\markboth
}

% Redefines the style of the chapter headings
\renewcommand*\chapter{%
\if@twoside
 \clearpage
 \thispagestyle{empty}
 \cleardoublepage
\else
 \clearpage
\fi
\thispagestyle{plain}%
\global\@topnum\z@
\@afterindentfalse
\secdef\@chapter\@schapter}

% Redefines the style of part headings
\renewcommand*\part{%
\clearpage
\thispagestyle{empty}
\cleardoublepage
\thispagestyle{empty}%
\if@twocolumn%
 \onecolumn
 \@tempswatrue
```

```
\else
 \@tempswafalse
\fi
\hbox{}\vfil
\secdef\@part\@spart}

\newif\if@restonecol
\def\alwayssingle{%
  \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
\def\endalwayssingle{\if@restonecol\twocolumn\fi}

\renewcommand*\l@part[2]{%
  \ifnum \c@tocdepth >-2\relax
    \addpenalty{-\@highpenalty}%
    \addvspace{0.5em \@plus\p@}%
    \begingroup
      \setlength\@tempdima{3em}%
      \parindent \z@ \rightskip \@pnumwidth
      \parfillskip -\@pnumwidth
      {\leavevmode
       \normalfont \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
       \nobreak
         \global\@nobreaktrue
         \everypar{\global\@nobreakfalse\everypar{}}%
    \endgroup
    \addvspace{0.2em \@plus\p@}%
  \fi}

\renewcommand*\l@chapter[2]{%
  \ifnum \c@tocdepth >\m@ne
    \addpenalty{-\@highpenalty}%
    \vskip 1.0em \@plus\p@
    \setlength\@tempdima{1.5em}%
    \begingroup
      \parindent \z@ \rightskip \@pnumwidth
      \parfillskip -\@pnumwidth
      \leavevmode \bfseries
      \advance\leftskip\@tempdima
      \hskip -\leftskip
      #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
      \penalty\@highpenalty
    \endgroup
  \fi}

\renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
\renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
\renewcommand*\l@subsection{\@dottedtocline{3}{3.8em}{3.2em}}
\renewcommand*\l@subsubsection{\@dottedtocline{4}{7.0em}{3.8em}}
```

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

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

```
⟨*opt⟩
⟨*10pt⟩
\ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2015/06/23]

\renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont%
\abovedisplayskip 10\p@ plus2\p@ minus5\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip  \z@ plus3\p@
\belowdisplayshortskip  6\p@ plus3\p@ minus3\p@
\let\@listi\@listI}

\renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
\abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip \z@ plus2\p@
\belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
\def\@listi{\leftmargin\leftmargini
\topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
\itemsep \parsep}}

\renewcommand{\footnotesize}{\fontsize\@viiipt{9.5}\selectfont%
\abovedisplayskip 6\p@ plus2\p@ minus4\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip \z@ plus\p@
\belowdisplayshortskip 3\p@ plus\p@ minus2\p@
\def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
\topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
\itemsep \parsep}}

\renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
\renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
\renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
\renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
\renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
\renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
\renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}

⟨/10pt⟩
```

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

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

```
⟨*11pt⟩
\ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2015/06/23]

```

```
\renewcommand{\normalsize}{\fontsize\@xipt{14}\selectfont%
\abovedisplayskip 11\p@ plus3\p@ minus6\p@
\belowdisplayskip \abovedisplayskip
\belowdisplayshortskip  6.5\p@ plus3.5\p@ minus3\p@
%\abovedisplayshortskip  \z@ plus3\@p
\let\@listi\@listI}

\renewcommand{\small}{\fontsize\@xpt{12}\selectfont%
\abovedisplayskip 10\p@ plus2\p@ minus5\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip  \z@ plus3\p@
\belowdisplayshortskip  6\p@ plus3\p@ minus3\p@
\def\@listi{\leftmargin\leftmargini
\topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
\itemsep \parsep}}

\renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont%
\abovedisplayskip 8\p@ plus2\p@ minus4\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip \z@ plus\p@
\belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
\def\@listi{\leftmargin\leftmargini
\topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
\itemsep \parsep}}

\renewcommand{\scriptsize}{\fontsize\@viiipt{9.5pt}\selectfont}
\renewcommand{\tiny}{\fontsize\@vipt{7pt}\selectfont}
\renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
\renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
\renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
\renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
\renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}

⟨/11pt⟩
```

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

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

`\thesis@titlePage@normalsize`
- `\thesis@titlePage@normalsize` – Equivalent to `\normalsize`

`\thesis@titlePage@small`
- `\thesis@titlePage@small` – Equivalent to `\small`

`\thesis@titlePage@footnotesize`
- `\thesis@titlePage@footnotesize` – Equivalent to `\footnotesize`

`\thesis@titlePage@scriptsize`
- `\thesis@titlePage@scriptsize` – Equivalent to `\scriptsize`

`\thesis@titlePage@tiny`
- `\thesis@titlePage@tiny` – Equivalent to `\tiny`

\thesis@titlePage@large
- \thesis@titlePage@large – Equivalent to \large

\thesis@titlePage@Large
- \thesis@titlePage@Large – Equivalent to \Large

\thesis@titlePage@LARGE
- \thesis@titlePage@LARGE – Equivalent to \LARGE

\thesis@titlePage@huge
- \thesis@titlePage@huge – Equivalent to \huge

\thesis@titlePage@Huge
- \thesis@titlePage@Huge – Equivalent to \Huge

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

```
⟨*12pt⟩
\ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2015/06/23]
⟨/12pt⟩

\def\thesis@titlePage@normalsize{\fontsize\@xiipt{14.5}%
\selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip  \z@ plus3\p@
\belowdisplayshortskip  6.5\p@ plus3.5\p@ minus3\p@
\let\@listi\@listI}

\def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
\abovedisplayskip 11\p@ plus3\p@ minus6\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip  \z@ plus3\p@
\belowdisplayshortskip  6.5\p@ plus3.5\p@ minus3\p@
\def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
\parsep 4.5\p@ plus2\p@ minus\p@
            \itemsep \parsep
            \topsep 9\p@ plus3\p@ minus5\p@}}

\def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
\abovedisplayskip 10\p@ plus2\p@ minus5\p@
\belowdisplayskip \abovedisplayskip
\abovedisplayshortskip  \z@ plus3\p@
\belowdisplayshortskip  6\p@ plus3\p@ minus3\p@
\def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
\topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
\itemsep \parsep}}

\def\thesis@titlePage@scriptsize{\fontsize\@viiipt{9.5pt}\selectfont}
\def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
\def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
\def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
\def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
\def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
\def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}

⟨*12pt⟩
```

```
\renewcommand{\normalsize}{\thesis@titlePage@normalsize}
\renewcommand{\small}{\thesis@titlePage@small}
\renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
\renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
\renewcommand{\tiny}{\thesis@titlePage@tiny}
\renewcommand{\large}{\thesis@titlePage@large}
\renewcommand{\Large}{\thesis@titlePage@Large}
\renewcommand{\LARGE}{\thesis@titlePage@LARGE}
\renewcommand{\huge}{\thesis@titlePage@huge}
\renewcommand{\Huge}{\thesis@titlePage@Huge}
⟨/12pt⟩
\let\@normalsize\normalsize
\normalsize

\if@twoside
   \oddsidemargin 0.75in
   \evensidemargin 0.4in
   \marginparwidth 0pt
\else
   \oddsidemargin 0.75in
   \evensidemargin 0.75in
   \marginparwidth 0pt
\fi
\marginparsep 10pt

\topmargin 0.4in

\headheight 20pt
\headsep 10pt
\topskip 10pt
\footskip 30pt

⟨*10pt⟩
\textheight = 43\baselineskip
\advance\textheight by \topskip
\textwidth 5.0truein
\columnsep 10pt
\columnseprule 0pt

\footnotesep 6.65pt
\skip\footins 9pt plus 4pt minus 2pt
\floatsep 12pt plus 2pt minus 2pt
\textfloatsep 20pt plus 2pt minus 4pt
\intextsep 12pt plus 2pt minus 2pt
\dblfloatsep 12pt plus 2pt minus 2pt
\dbltextfloatsep 20pt plus 2pt minus 4pt

\@fptop 0pt plus 1fil
\@fpsep 8pt plus 2fil
\@fpbot 0pt plus 1fil
```

```
\@dblfptop 0pt plus 1fil
\@dblfpsep 8pt plus 2fil
\@dblfpbot 0pt plus 1fil
\marginparpush 5pt

\parskip 0pt plus 1pt
\partopsep 2pt plus 1pt minus 1pt

⟨/10pt⟩
%
⟨*11pt⟩
\textheight = 39\baselineskip
\advance\textheight by \topskip
\textwidth 5.0truein
\columnsep 10pt
\columnseprule 0pt

\footnotesep 7.7pt
\skip\footins 10pt plus 4pt minus 2pt
\floatsep 12pt plus 2pt minus 2pt
\textfloatsep 20pt plus 2pt minus 4pt
\intextsep 12pt plus 2pt minus 2pt
\dblfloatsep 12pt plus 2pt minus 2pt
\dbltextfloatsep 20pt plus 2pt minus 4pt

\@fptop 0pt plus 1fil
\@fpsep 8pt plus 2fil
\@fpbot 0pt plus 1fil
\@dblfptop 0pt plus 1fil
\@dblfpsep 8pt plus 2fil
\@dblfpbot 0pt plus 1fil
\marginparpush 5pt

\parskip 0pt plus 0pt
\partopsep 3pt plus 1pt minus 2pt

⟨/11pt⟩
%
⟨*12pt⟩
\textheight = 37\baselineskip
\advance\textheight by \topskip
\textwidth 5.0truein
\columnsep 10pt
\columnseprule 0pt

\footnotesep 8.4pt
\skip\footins 10.8pt plus 4pt minus 2pt
\floatsep 14pt plus 2pt minus 4pt
\textfloatsep 20pt plus 2pt minus 4pt
\intextsep 14pt plus 4pt minus 4pt
```

```
\dblfloatsep 14pt plus 2pt minus 4pt
\dbltextfloatsep 20pt plus 2pt minus 4pt

\@fptop 0pt plus 1fil
\@fpsep 10pt plus 2fil
\@fpbot 0pt plus 1fil
\@dblfptop 0pt plus 1fil
\@dblfpsep 10pt plus 2fil
\@dblfpbot 0pt plus 1fil
\marginparpush 7pt

\parskip 0pt plus 0pt
\partopsep 3pt plus 2pt minus 2pt

⟨/12pt⟩
\@lowpenalty   51
\@medpenalty  151
\@highpenalty 301
\@beginparpenalty -\@lowpenalty
\@endparpenalty   -\@lowpenalty
\@itempenalty     -\@lowpenalty

\def\@makechapterhead#1{%
  {%
    \setlength\parindent{\z@}%
    \setlength\parskip  {\z@}%
    \ifnum
      \c@secnumdepth >\m@ne
      \par\nobreak
      \vskip 10\p@
    \fi
    \Large \ChapFont \thechapter{} \space #1\par
    \nobreak
    \vskip 20\p@
  }%
}

\def\@makeschapterhead#1{%
  {%
    \setlength\parindent{\z@}%
    \setlength\parskip  {\z@}%
    \Large \ChapFont #1\par
    \nobreak
    \vskip 20\p@
  }%
}

\def\chapter{%
   \clearpage
   \thispagestyle{plain}
```

```
  \global\@topnum\z@
  \@afterindentfalse
  \secdef\@chapter\@schapter
}

\def\@chapter[#1]#2{%
  \ifnum \c@secnumdepth
    >\m@ne
    \refstepcounter{chapter}%
    \typeout{\@chapapp\space\thechapter.}%
    \addcontentsline{toc}{chapter}{\protect
    \numberline{\thechapter}\bfseries #1}
  \else%
    \addcontentsline{toc}{chapter}{\bfseries #1}
  \fi
  \chaptermark{#1}%
  \addtocontents{lof}%
  {\protect\addvspace{4\p@}}
  \addtocontents{lot}%
  {\protect\addvspace{4\p@}}
  \if@twocolumn
    \@topnewpage[\@makechapterhead{#2}]%
  \else
    \@makechapterhead{#2}%
    \@afterheading
  \fi
}

%\def\@schapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]%
%        \else \@makeschapterhead{#1}%
%              \markright{#1}
%              \@afterheading\fi}

\def\section{\@startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
    -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
\def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
    minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
\def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
    -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
\def\paragraph{\@startsection
    {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
    \normalsize\bfseries}}
\def\subparagraph{\@startsection
     {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
     .2ex}{-1em}{\reset@font\normalsize\bfseries}}

\setcounter{secnumdepth}{2}

\def\appendix{\par
  \setcounter{chapter}{0}%
```

```
  \setcounter{section}{0}%
  \def\@chapapp{\appendixname}%
  \def\thechapter{\Alph{chapter}}}

\leftmargini 2.5em
\leftmarginii 2.2em     % > \labelsep + width of '(m)'
\leftmarginiii 1.87em   % > \labelsep + width of 'vii.'
\leftmarginiv 1.7em     % > \labelsep + width of 'M.'
\leftmarginv 1em
\leftmarginvi 1em

\leftmargin\leftmargini
\labelsep .5em
\labelwidth\leftmargini\advance\labelwidth-\labelsep

⟨*10pt⟩
\def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
\topsep 8\p@ plus2\p@ minus4\p@
\itemsep 4\p@ plus2\p@ minus\p@}

\let\@listi\@listI
\@listi

\def\@listii{\leftmargin\leftmarginii
   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
   \topsep 4\p@ plus2\p@ minus\p@
   \parsep 2\p@ plus\p@ minus\p@
   \itemsep \parsep}

\def\@listiii{\leftmargin\leftmarginiii
    \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
    \topsep 2\p@ plus\p@ minus\p@
    \parsep \z@ \partopsep\p@ plus\z@ minus\p@
    \itemsep \topsep}

\def\@listiv{\leftmargin\leftmarginiv
     \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}

\def\@listv{\leftmargin\leftmarginv
     \labelwidth\leftmarginv\advance\labelwidth-\labelsep}

\def\@listvi{\leftmargin\leftmarginvi
     \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
⟨/10pt⟩
%
⟨*11pt⟩
\def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
\topsep 9\p@ plus3\p@ minus5\p@
\itemsep 4.5\p@ plus2\p@ minus\p@}

```

```
\let\@listi\@listI
\@listi

\def\@listii{\leftmargin\leftmarginii
   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
   \topsep 4.5\p@ plus2\p@ minus\p@
   \parsep 2\p@ plus\p@ minus\p@
   \itemsep \parsep}

\def\@listiii{\leftmargin\leftmarginiii
    \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
    \topsep 2\p@ plus\p@ minus\p@
    \parsep \z@ \partopsep \p@ plus\z@ minus\p@
    \itemsep \topsep}

\def\@listiv{\leftmargin\leftmarginiv
     \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}

\def\@listv{\leftmargin\leftmarginv
     \labelwidth\leftmarginv\advance\labelwidth-\labelsep}

\def\@listvi{\leftmargin\leftmarginvi
     \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
⟨/11pt⟩
%
⟨*12pt⟩
\def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
\topsep 10\p@ plus4\p@ minus6\p@
\itemsep 5\p@ plus2.5\p@ minus\p@}

\let\@listi\@listI
\@listi

\def\@listii{\leftmargin\leftmarginii
   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
   \topsep 5\p@ plus2.5\p@ minus\p@
   \parsep 2.5\p@ plus\p@ minus\p@
   \itemsep \parsep}

\def\@listiii{\leftmargin\leftmarginiii
    \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
    \topsep 2.5\p@ plus\p@ minus\p@
    \parsep \z@ \partopsep \p@ plus\z@ minus\p@
    \itemsep \topsep}

\def\@listiv{\leftmargin\leftmarginiv
     \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}

\def\@listv{\leftmargin\leftmarginv
     \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
```

```
\def\@listvi{\leftmargin\leftmarginvi
      \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
⟨/12pt⟩
⟨/opt⟩
```

3.6.3 The style files of the Faculty of Informatics

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

This is the style file for the theses written at the Faculty of Informatics at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty[1].

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-fi}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
\thesis@color@setup{
  links={HTML}{FFD451},
  tableEmph={HTML}{FFD451},
  tableOdd={HTML}{FFF9E5},
  tableEven={HTML}{FFECB3}}
```

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

```
\ifx\thesis@type\thesis@bachelors\else
\ifx\thesis@type\thesis@masters\else
  \thesis@blocks@assignment@false
\fi\fi
```

`\thesis@blocks@titlePage`

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

`\thesis@advisorSignature`

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

```
\def\thesis@blocks@titlePage@content{%
    {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
    {\thesis@titlePage@large\sc\thesis@@{typeName}\\[0.3in]}
    {\thesis@titlePage@Large\bf\thesis@author}
    % If this is a rigorous thesis, typeset the name of the
    % thesis advisor.
    \ifx\thesis@type\thesis@rigorous%
      {\thesis@titlePage@large\\[0.3in]
        {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
    \fi}%
\def\thesis@blocks@titlePage@footer{%
  {\thesis@titlePage@large\thesis@place, \thesis@@{semester}
```

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

```
% If this is a rigorous thesis, create space for the advisor's
% signature
\ifx\thesis@type\thesis@rigorous%
  \let\@A\relax\newlength{\@A}
    \settowidth{\@A}{\thesis@@{advisorSignature}}
    \setlength{\@A}{\@A+1cm}
  \hfill\raisebox{-0.5em}{\parbox{\@A}{
    \centering
    \rule{\@A}{1pt}\\
    \thesis@@{advisorSignature}
  }}
\fi}}
```

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

```
\def\thesis@blocks@declaration{%
  \thesis@blocks@clear%
  \begin{alwayssingle}%
    \chapter*{\thesis@@{declarationTitle}}%
    \thesis@declaration%
    \vskip 2cm%
    \hfill\thesis@author%
    \par\vfill\noindent%
    \textbf{\thesis@@{advisorTitle}:} \thesis@advisor%
    \par\vfil%
  \end{alwayssingle}}
```

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@titlePage
  \thesis@blocks@frontMatter
    \thesis@blocks@assignment
    \thesis@blocks@declaration
    \thesis@blocks@thanks
    \thesis@blocks@clearRight
      \thesis@blocks@abstract
      \thesis@blocks@keywords
    \thesis@blocks@tables}
```

3.6.4 The style files of the Faculty of Science

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

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

ments published at the website of the faculty[2].

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-sci}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

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

The file uses Czech locale strings within the macros.

```
\thesis@requireLocale{czech}
```

The file loads the following packages:

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

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

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

```
\ifx\thesis@type\thesis@bachelors\else
\ifx\thesis@type\thesis@masters\else
  \thesis@blocks@assignment@false
\fi\fi
```

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

`\thesis@czech@bib@title`
- `\thesis@czech@bib@title` – The title of the entire block

`\thesis@czech@bib@author`
- `\thesis@czech@bib@author` – The label of the author name entry

`\thesis@czech@bib@title`
- `\thesis@czech@bib@title` – The label of the title name entry

`\thesis@czech@bib@programme`
- `\thesis@czech@bib@programme` – The label of the programme name entry

`\thesis@czech@bib@field`
- `\thesis@czech@bib@field` – The label of the field of study name entry

`\thesis@czech@bib@advisor`
- `\thesis@czech@bib@advisor` – The label of the advisor name entry

`\thesis@czech@bib@academicYear`
- `\thesis@czech@bib@academicYear` – The label of the academic year entry

`\thesis@czech@bib@pages`
- `\thesis@czech@bib@pages` – The label of the number of pages entry

`\thesis@czech@bib@keywords`
- `\thesis@czech@bib@keywords` – The label of the keywords entry

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

```
\def\thesis@blocks@bibEntry{%
 \begin{alwayssingle}%
   {% Start the new chapter without clearing the right page
   {\def\cleardoublepage{}%
   \chapter*{\thesis@czech@bib@title}}%
   % Calculate the width of the columns
   \let\@A\relax\newlength{\@A}\settowidth{\@A}{{%
     \bf\thesis@czech@bib@author:}}
   \let\@B\relax\newlength{\@B}\settowidth{\@B}{{%
     \bf\thesis@czech@bib@thesisTitle:}}
   \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
     \bf\thesis@czech@bib@programme:}}
   \let\@D\relax\newlength{\@D}\settowidth{\@D}{{%
     \bf\thesis@czech@bib@field:}}
   % Unless this is a rigorous thesis, we will be typesetting the
   % name of the thesis advisor.
   \let\@E\relax\newlength{\@E}
     \ifx\thesis@type\thesis@rigorous%
       \setlength{\@E}{0pt}%
     \else%
       \settowidth{\@E}{{\bf\thesis@czech@bib@advisor:}}
     \fi%
   \let\@F\relax\newlength{\@F}\settowidth{\@F}{{%
     \bf\thesis@czech@bib@academicYear:}}
   \let\@G\relax\newlength{\@G}\settowidth{\@G}{{%
     \bf\thesis@czech@bib@pages:}}
   \let\@H\relax\newlength{\@H}\settowidth{\@H}{{%
     \bf\thesis@czech@bib@keywords:}}
   \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
   \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
     max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
   \let\@right\relax\newlength{\@right}\setlength{\@right}{%
     \textwidth-\@left-\@skip}
   % Typeset the table
   \renewcommand{\arraystretch}{2}
   \noindent\begin{thesis@newtable@old}%
     {@{}p{\@left}@{\hskip\@skip}p{\@right}@{}}
     \textbf{\thesis@czech@bib@author:} &
       \noindent\parbox[t]{\@right}{
         \thesis@author\\
         \thesis@czech@facultyName,
         \thesis@czech@universityName\\
         \thesis@department
       }\\
     \textbf{\thesis@czech@bib@thesisTitle:}
       & \thesis@title \\
     \textbf{\thesis@czech@bib@programme:}
       & \thesis@programme \\
     \textbf{\thesis@czech@bib@field:}
       & \thesis@field \\
```

```
    % Unless this is a rigorous thesis, typeset the name of the
    % thesis advisor.
    \ifx\thesis@type\thesis@rigorous\else%
      \textbf{\thesis@czech@bib@advisor:}
        & \thesis@advisor \\
    \fi
    \textbf{\thesis@czech@bib@academicYear:}
      & \thesis@academicYear \\
    \textbf{\thesis@czech@bib@pages:}
      & \thesis@pages \\
    \textbf{\thesis@czech@bib@keywords:}
      & \thesis@TeXkeywords \\
  \end{thesis@newtable@old}}
\end{alwayssingle}}
```

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

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

`\thesis@english@bib@author` • `\thesis@english@bib@author` – The label of the author name entry

`\thesis@english@bib@title` • `\thesis@english@bib@title` – The label of the title name entry

`\thesis@english@bib@programme` • `\thesis@english@bib@programme` – The label of the programme name entry

`\thesis@english@bib@field` • `\thesis@english@bib@field` – The label of the field of study name entry

`\thesis@english@bib@advisor` • `\thesis@english@bib@advisor` – The label of the advisor name entry

`\thesis@english@bib@academicYear` • `\thesis@english@bib@academicYear` – The label of the academic year entry

`\thesis@english@bib@pages` • `\thesis@english@bib@pages` – The label of the number of pages entry

`\thesis@english@bib@keywords` • `\thesis@english@bib@keywords` – The label of the keywords entry

```
\def\thesis@blocks@bibEntryEn{%
  {\thesis@selectLocale{english}
  \begin{alwayssingle}
    % Start the new chapter without clearing the right page
    {\def\cleardoublepage{}%
    \chapter*{\thesis@english@bib@title}}%
    {% Calculate the width of the columns
    \let\@A\relax\newlength{\@A}\settowidth{\@A}{{%
      \bf\thesis@english@bib@author:}}
    \let\@B\relax\newlength{\@B}\settowidth{\@B}{{%
      \bf\thesis@english@bib@thesisTitle:}}
    \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
      \bf\thesis@english@bib@programme:}}
    \let\@D\relax\newlength{\@D}\settowidth{\@D}{{%
      \bf\thesis@english@bib@field:}}
```

```
  % Unless this is a rigorous thesis, we will be typesetting
  % the name of the thesis advisor.
  \let\@E\relax\newlength{\@E}
    \ifx\thesis@type\thesis@rigorous%
      \setlength{\@E}{0pt}%
    \else%
      \settowidth{\@E}{{\bf\thesis@english@bib@advisor:}}
    \fi%
  \let\@F\relax\newlength{\@F}\settowidth{\@F}{{%
    \bf\thesis@english@bib@academicYear:}}
  \let\@G\relax\newlength{\@G}\settowidth{\@G}{{%
    \bf\thesis@english@bib@pages:}}
  \let\@H\relax\newlength{\@H}\settowidth{\@H}{{%
    \bf\thesis@english@bib@keywords:}}
  \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
  \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
    max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
  \let\@right\relax\newlength{\@right}\setlength{\@right}{%
    \textwidth-\@left-\@skip}
  % Typeset the table
  \renewcommand{\arraystretch}{2}
  \noindent\begin{thesis@newtable@old}%
    {@{}p{\@left}@{\hskip\@skip}p{\@right}@{}}
      \textbf{\thesis@english@bib@author:} &
        \noindent\parbox[t]{\@right}{
          \thesis@author\\
          \thesis@english@facultyName,
          \thesis@english@universityName\\
          \thesis@departmentEn
        }\\
      \textbf{\thesis@english@bib@thesisTitle:}
        & \thesis@titleEn \\
      \textbf{\thesis@english@bib@programme:}
        & \thesis@programmeEn \\
      \textbf{\thesis@english@bib@field:}
        & \thesis@fieldEn \\
      % Unless this is a rigorous thesis, typeset the name of the
      % thesis advisor.
      \ifx\thesis@type\thesis@rigorous\else%
        \textbf{\thesis@english@bib@advisor:}
          & \thesis@advisor \\
      \fi
      \textbf{\thesis@english@bib@academicYear:}
        & \thesis@academicYear \\
      \textbf{\thesis@english@bib@pages:}
        & \thesis@pages \\
      \textbf{\thesis@english@bib@keywords:}
        & \thesis@TeXkeywordsEn \\
    \end{thesis@newtable@old}}
  \end{alwayssingle}
```

```
}}
```

\thesis@blocks@frontMatter The \thesis@blocks@frontMatter macro sets up the style of the front matter front matter of the thesis. The front matter is typeset without any visible numbering, as mandated by the formal requirements of the faculty.

```
\def\thesis@blocks@frontMatter{%
  \pagestyle{empty}
  \parindent 1.5em
  \setcounter{page}{1}
  \pagenumbering{roman}}
```

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

```
\def\thesis@blocks@cover{%
  \ifthesis@cover@
    \thesis@blocks@clear
    \begin{alwayssingle}
      \thispagestyle{empty}
      \begin{center}
      {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
          \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
          \thesis@titlePage@large\thesis@department}
      \vfill
      {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
      \vfill
      {\thesis@titlePage@large\thesis@place
       \ \thesis@year\hfill\thesis@author}
      \end{center}
    \end{alwayssingle}
  \fi}
```

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

```
\def\thesis@blocks@titlePage{%
  \thesis@blocks@clear
  \begin{alwayssingle}
    \thispagestyle{empty}
    % The top of the page
    \begin{adjustwidth}{-12mm}{}
      \begin{minipage}{30mm}
        \thesis@blocks@universityLogo@color[width=30mm]
      \end{minipage}\begin{minipage}{89mm}
        \begin{center}
          {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
              \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
              \thesis@titlePage@normalsize\thesis@department}
          \rule{\textwidth}{2pt}\vspace*{2mm}
        \end{center}
      \end{minipage}\begin{minipage}{30mm}
```

```
      \thesis@blocks@facultyLogo@color[width=30mm]
    \end{minipage}
  \end{adjustwidth}
  % The middle of the page
  \vfill
  \parbox\textwidth{% Prevent vfills from squashing the leading
    \bf\thesis@titlePage@Huge\thesis@TeXtitle}
  {\thesis@titlePage@Huge\\[0.8em]}
  {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
  {\bf\thesis@titlePage@LARGE\thesis@author\\}
  \vfill\noindent
  % The bottom of the page
  {\bf\thesis@titlePage@normalsize%
    % Unless this is a rigorous thesis, typeset the name of the
    % thesis advisor.
    \ifx\thesis@type\thesis@rigorous\else%
        \thesis@czech@advisorTitle: \thesis@advisor\hfill%
    \fi%
    \thesis@place\ \thesis@year}
\end{alwayssingle}}
```

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

```
\def\thesis@blocks@preamble{{%
  \thesis@selectLocale{czech}
  \thesis@blocks@cover
  \thesis@blocks@frontMatter
    \thesis@blocks@titlePage
    \thesis@blocks@clearRight
      \thesis@blocks@bibEntry
      \thesis@blocks@bibEntryEn
      \thesis@blocks@abstract
      \thesis@blocks@abstractEn
    \thesis@blocks@assignment
    \thesis@blocks@thanks
    \thesis@blocks@declaration
    \thesis@blocks@tables}}
```

3.6.5 The style files of the Faculty of Arts

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

This is the style file for the theses written at the Faculty of Arts at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty[3].

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

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-phil}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

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

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

```
\thesis@blocks@titlePage@department@true
\thesis@blocks@titlePage@field@true
```

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@titlePage
  \thesis@blocks@frontMatter
    \thesis@blocks@declaration
    \thesis@blocks@thanks
    \thesis@blocks@tables}
```

3.6.6 The style files of the Faculty of Education

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

This is the style file for the theses written at the Faculty of Education at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty[4].

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-ped}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
\thesis@color@setup{
  links={HTML}{FFA02F},
  tableEmph={HTML}{FFBB6B},
  tableOdd={HTML}{FFF1E0},
  tableEven={HTML}{FFDEB7}}
```

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

```
\thesis@blocks@titlePage@department@true
\def\thesis@blocks@titlePage@content{%
    {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
    {\thesis@titlePage@large\sc\thesis@@{typeName}\\[0.3in]}
    {\thesis@titlePage@Large\bf\thesis@author}
    % Typeset the name of the thesis advisor.
```

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

```
    {\thesis@titlePage@large\\[0.3in]
      {\bf\thesis@@{advisorTitle}:} \thesis@advisor}}
```

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

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

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

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@titlePage
  \thesis@blocks@frontMatter
    \thesis@blocks@bibEntry
    \thesis@blocks@clearRight
      \thesis@blocks@abstract
      \thesis@blocks@abstractEn
      \thesis@blocks@keywords
      \thesis@blocks@keywordsEn
    \thesis@blocks@declaration
    \thesis@blocks@thanks
    \thesis@blocks@tables}
```

3.6.7 The style files of the Faculty of Social Studies

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

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. Because of the inexistence of faculty-wide formal requirements and recommendations with each department defining their own with varying degrees of rigour[5], this style is a mere skeleton, which is unlikely to

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

satisfy the exact requirements of any department and will require modification by the user.

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-fss}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

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

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

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

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@titlePage
  \thesis@blocks@frontMatter
    \thesis@blocks@clearRight
      \thesis@blocks@abstract
      \thesis@blocks@abstractEn
      \thesis@blocks@keywords
      \thesis@blocks@keywordsEn
    \thesis@blocks@assignment
    \thesis@blocks@declaration
    \thesis@blocks@thanks
    \thesis@blocks@tables}
```

3.6.8 The style files of the Faculty of Law

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

This is the style file for the theses written at the Faculty of Law at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty[6].

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-law}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
\thesis@color@setup{
```

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

```
  links={HTML}{CF86EB},
  tableEmph={HTML}{D39BE8},
  tableOdd={HTML}{F2EBF5},
  tableEven={HTML}{E5CCED}}
```

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

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

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

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

```
\def\thesis@blocks@frontMatter{%
  \thesis@blocks@clear
  \pagestyle{plain}
  \parindent 1.5em
  \setcounter{page}{1}
  \pagenumbering{arabic}}
```

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

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

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@titlePage
  \thesis@blocks@frontMatter
    \thesis@blocks@declaration
    \thesis@blocks@clearRight
      \thesis@blocks@abstract
      \thesis@blocks@abstractEn
      \thesis@blocks@keywords
      \thesis@blocks@keywordsEn
    \thesis@blocks@thanks
    \thesis@blocks@tables}
```

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

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

3.6.9 The style files of the Faculty of Economics and Administration

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

This is the style file for the theses written at the Faculty of Economics and Administration at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty[7].

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-econ}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
\thesis@color@setup{
  links={HTML}{F27995},
  tableEmph={HTML}{E8B88B},
  tableOdd={HTML}{F5ECEB},
  tableEven={HTML}{EBD8D5}}
```

The file loads the following packages:

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

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

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

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

```
\def\thesis@blocks@cover{%
  \ifthesis@cover@
    \thesis@blocks@clear
    \begin{alwayssingle}
      \thispagestyle{empty}
      \begin{center}
      {\sc\thesis@titlePage@LARGE\thesis@@{universityName}\\%
          \thesis@titlePage@Large\thesis@@{facultyName}\\}
      \vfill
      {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
      \vfill
      {\thesis@titlePage@large\thesis@place
```

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

```
      \ \thesis@year\hfill\thesis@author}
     \end{center}
   \end{alwayssingle}
 \fi}
```

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

```
\thesis@blocks@titlePage@field@true
\def\thesis@blocks@titlePage@content{%
 {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
 \ifthesis@english\else
   {\\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
 \fi {\\[0.3in]\thesis@titlePage@large\sc\thesis@@{typeName}\\}}
\def\thesis@blocks@titlePage@footer{%
 {\thesis@titlePage@large
   {% Calculate the width of the thesis author and advisor boxes
    \let\@A\relax\newlength{\@A}\settowidth{\@A}{{%
      \bf\thesis@@{advisorTitle}:}}
    \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
    \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
      \bf\thesis@@{authorTitle}:}}
    \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
   \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
     max(\@A,\@B)}
   \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
     max(\@C,\@D)}
   % Typeset the thesis author and advisor boxes
   \vskip 2in\begin{minipage}[t]{\@left}
     {\bf\thesis@@{advisorTitle}:}\\\thesis@advisor
   \end{minipage}\hfill\begin{minipage}[t]{\@right}
     {\bf\thesis@@{authorTitle}:}\\\thesis@author
   \end{minipage}}\\[4em]\thesis@place, \thesis@year}}
```

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

```
\def\thesis@blocks@frontMatter{%
 \thesis@blocks@clear
 % In case of double-sided typesetting, change the geometry
 \ifthesis@twoside@
   \newgeometry{top=25mm,bottom=20mm,left=35mm,
     right=15mm, includeheadfoot}
 \fi\pagestyle{empty}
 \parindent 1.5em
 \setcounter{page}{1}
```

```
  \pagenumbering{arabic}}
```

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

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

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

```
\def\thesis@blocks@toc{%
  \thesis@blocks@clear%
  \tableofcontents}
```

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

```
\def\thesis@blocks@tables{%
  \thesis@blocks@clear%
  \thesis@blocks@lot%
  \thesis@blocks@lof}
```

If the `nolot` and `nolof` options haven't been specified, the `\thesis@blocks@lot` and `\thesis@blocks@lof` macros are redefined to create an entry in the table of contents.

```
\ifx\thesis@blocks@lot\empty\else
  \def\thesis@blocks@lot{%
    \thesis@blocks@clear
    \phantomsection
    \addcontentsline{toc}{chapter}{\listtablename}%
    \listoftables}
\fi

\ifx\thesis@blocks@lof\empty\else
  \def\thesis@blocks@lof{%
    \thesis@blocks@clear
    \phantomsection
    \addcontentsline{toc}{chapter}{\listfigurename}%
    \listoffigures}
\fi
```

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@frontMatter
    \thesis@blocks@titlePage
    \thesis@blocks@assignment
    \thesis@blocks@clearRight
```

```
      \thesis@blocks@abstract
      \thesis@blocks@abstractEn
      \thesis@blocks@keywords
      \thesis@blocks@keywordsEn
    \thesis@blocks@declaration
    \thesis@blocks@thanks
    \thesis@blocks@toc}
```

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.

```
\def\thesis@blocks@postamble{%
  \thesis@blocks@tables}
```

3.6.10 The style files of the Faculty of Medicine

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

This is the style file for the theses written at the Faculty of Medicine at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the Department of Optometry and Orthoptics[8].

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-med}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

```
\thesis@color@setup{
  links={HTML}{F58E76},
  tableEmph={HTML}{FF9D85},
  tableOdd={HTML}{FFF5F6},
  tableEven={HTML}{FFDEDF}}
```

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.

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

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

```
\def\thesis@blocks@cover{%
```

[8] See http://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI_ZAVERECNE_PRACE.doc

```
\ifthesis@cover@
  \thesis@blocks@clear
  \begin{alwayssingle}
    \thispagestyle{empty}
    \begin{center}
    {\sc\thesis@titlePage@LARGE\thesis@@{universityName}\\%
        \thesis@titlePage@Large\thesis@@{facultyName}\\}
    \vfill
    {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
    \vfill
    {\thesis@titlePage@large\thesis@place
     \ \thesis@year\hfill\thesis@author}
    \end{center}
  \end{alwayssingle}
\fi}
```

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

```
\def\thesis@blocks@titlePage@content{%
  {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
  {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}}
\def\thesis@blocks@titlePage@footer{%
  {\thesis@titlePage@large
    {% Calculate the width of the thesis author and advisor boxes
     \let\@A\relax\newlength{\@A}\settowidth{\@A}{{%
       \bf\thesis@@{advisorTitle}:}}
     \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
     \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
       \bf\thesis@@{authorTitle}:}}
     \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
     \let\@E\relax\newlength{\@E}\settowidth{\@E}{{%
       \bf\thesis@@{fieldTitle}:}}
     \let\@F\relax\newlength{\@F}\settowidth{\@F}{\thesis@field}
    \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
      max(\@A,\@B)}
    \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
      max(\@C,\@D,\@E,\@F)}
    % Typeset the thesis author and advisor boxes
    \vskip 2in\begin{minipage}[t]{\@left}
      {\bf\thesis@@{advisorTitle}:}\\\thesis@advisor
    \end{minipage}\hfill\begin{minipage}[t]{\@right}
      {\bf\thesis@@{authorTitle}:}\\\thesis@author
        \\[1em]{\bf\thesis@@{fieldTitle}:}\\\thesis@field
    \end{minipage}}\\[4em]\thesis@place, \thesis@@{semester}}}
```

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

and it is hidden. In case of double-sided typesetting, the geometry is altered according to the requirements of the faculty.

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

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

```
\def\thesis@blocks@mainMatter{%
  \thesis@blocks@clear
  \setcounter{page}{1}
  \pagenumbering{arabic}
  \pagestyle{thesisheadings}
  \parindent 1.5em
  \onehalfspacing}
```

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

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

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

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@frontMatter
    \thesis@blocks@titlePage
    \onehalfspacing
    \thesis@blocks@clearRight
      \thesis@blocks@abstract
      \thesis@blocks@abstractEn
```

```
      \thesis@blocks@keywords
      \thesis@blocks@keywordsEn
    \thesis@blocks@bibEntry
    \thesis@blocks@declaration
    \thesis@blocks@thanks
    \thesis@blocks@tables}
```

3.6.11 The style files of the Faculty of Sports Studies

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

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty[9].

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2015/11/29]
```

The file defines the color scheme of the respective faculty.

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

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

```
\thesis@blocks@titlePage@field@true
```

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@cover
  \thesis@blocks@titlePage
  \thesis@blocks@frontMatter
    \thesis@blocks@declaration
    \thesis@blocks@thanks
    \thesis@blocks@tables}
```

Index

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

Symbols

\. 1172
\@A 1733, 1734, 1735, 1736, 1738, 1784, 1808, 1849, 1873, 2126, 2133, 2226, 2236
\@B 1786, 1808, 1851, 1873, 2128, 2133, 2228, 2236
\@C 1788, 1808,

[9] See http://www.fsps.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc

1853, 1873, 2129, 2135, 2229, 2238
\@D 1790, 1808, 1855, 1873, 2131, 2135, 2231, 2238
\@E 1794, 1796, 1798, 1808, 1859, 1861, 1863, 1873, 2232, 2238
\@F 1800, 1808, 1865, 1873, 2234, 2238
\@G 1802, 1808, 1867, 1873
\@H 1804, 1808, 1869, 1873
\@afterheading 1576, 1583
\@afterindentfalse 1228, 1553
\@arg 145, 146, 173, 174, 254, 255
\@args 1169, 1170
\@auxout 370
\@beginparpenalty 1520
\@chapapp 1561, 1603
\@chapter 1229, 1554, 1557
\@date 208, 209
\@dblfpbot 1454, 1482, 1510
\@dblfpsep 1453, 1481, 1509
\@dblfptop 1452, 1480, 1508
\@doclocale 285, 286
\@dottedtocline . 1284, 1285, 1286, 1287
\@empty 1198, 1199
\@endparpenalty 1521
\@english 158, 164
\@evenfoot 1210, 1212
\@evenhead 1203, 1206
\@fpbot 1451, 1479, 1507
\@fpsep 1450, 1478, 1506
\@fptop 1449, 1477, 1505
\@gobble 90, 347, 353
\@gobbletwo 359, 367
\@highpenalty . . . 1253, 1270, 1280, 1519
\@ifpackageloaded 318, 332
\@inject 1168, 1174, 1175
\@itempenalty 1522
\@ixpt 1299, 1345
\@left 1807, 1810, 1814, 1872, 1875, 1879, 2132, 2137, 2235, 2240
\@listI 1297, 1334, 1372, 1618, 1622, 1648, 1652, 1678, 1682
\@listi 1297, 1304, 1313, 1334, 1341, 1350, 1372, 1379, 1389, 1622, 1623, 1652, 1653, 1682, 1683
\@listii 1625, 1655, 1685
\@listiii 1631, 1661, 1691
\@listiv 1637, 1667, 1697
\@listv 1640, 1670, 1700
\@listvi 1643, 1673, 1703
\@locale 161, 163
\@lowpenalty 1517, 1520, 1521, 1522
\@makechapterhead 1524, 1573, 1575
\@makeschapterhead . . . 1539, 1580, 1581
\@medpenalty 1518
\@mkboth 1214
\@month 187, 188, 189, 195
\@mparswitchfalse 855
\@mparswitchtrue 857
\@nobreakfalse 1263
\@nobreaktrue 1262
\@normalsize 1413
\@oddfoot 1198, 1208, 1212
\@oddhead 1199, 1200, 1206
\@p 1333
\@part 1244
\@path 995, 996, 999, 1001, 1004, 1005, 1008, 1010
\@pdfList 1164, 1165, 1175
\@plus 1254, 1265, 1271
\@pnumwidth 1257, 1258, 1260, 1274, 1275, 1279
\@relax 1169, 1170
\@restonecolfalse 1248
\@restonecoltrue 1248
\@right 1809, 1814, 1816, 1874, 1879, 1881, 2134, 2139, 2237, 2242
\@schapter 1229, 1554, 1580
\@skip . 1806, 1810, 1814, 1871, 1875, 1879
\@spart 1244
\@startsection 1585, 1587, 1589, 1591, 1594
\@tempdima 1256, 1272, 1277
\@tempswafalse 1241
\@tempswatrue 1239
\@topnewpage 1573, 1580
\@topnum 1227, 1552
\@trimmed 1172, 1173
\@true 144, 146, 172, 174, 253, 255
\@twocolumnfalse 858
\@twocolumntrue 859
\@twosidefalse 855
\@twosidetrue 857
\@viiipt 1308, 1354, 1393
\@viipt 1317
\@vipt 1355, 1394
\@vpt 1318
\@xiipt 1319, 1356, 1367
\@xipt 1329, 1374
\@xivpt 1320, 1357, 1395
\@xpt 1292, 1336, 1384
\@xviipt 1321, 1358, 1396

\@xxpt 1322, 1359, 1397
\@xxvpt 1323, 1360, 1398, 1399
\@year 194, 196, 197, 199, 200
\@yearA 196, 199, 202
\@yearB 197, 200, 202
\\ 1018, 1038, 1040, 1042, 1051, 1061, 1080, 1082, 1084, 1720, 1725, 1738, 1817, 1819, 1821, 1823, 1825, 1827, 1832, 1835, 1837, 1839, 1882, 1884, 1886, 1888, 1890, 1892, 1897, 1900, 1902, 1904, 1919, 1920, 1940, 1941, 1953, 1954, 1955, 2006, 2009, 2064, 2065, 2107, 2108, 2121, 2122, 2138, 2140, 2141, 2210, 2211, 2221, 2222, 2241, 2243, 2244, 2245
\␣ 361, 559, 560, 613, 615, 627, 668, 742, 794, 796, 809, 1196, 1926, 1964, 2016, 2113, 2216, 2268

A

\abovedisplayshortskip 1295, 1302, 1311, 1333, 1339, 1348, 1370, 1377, 1387
\abovedisplayskip 1293, 1294, 1300, 1301, 1309, 1310, 1330, 1331, 1337, 1338, 1346, 1347, 1368, 1369, 1375, 1376, 1385, 1386
\aboverulesep 947
\addcontentsline 1562, 1565, 2167, 2175
\addpenalty 1253, 1270
\addtocontents 1568, 1570
\addtocounter 1160
\addvspace 1254, 1265, 1569, 1571
\advance . . . 197, 199, 200, 1277, 1436, 1464, 1492, 1615, 1626, 1632, 1638, 1641, 1644, 1656, 1662, 1668, 1671, 1674, 1686, 1692, 1698, 1701, 1704
\Alph 1604
\alwayssingle 1247
\appendix 1600
\appendixname 1603
\arraystretch 1812, 1877
\AtBeginDocument 288, 307
\AtEndDocument 308, 370
\AtEndPreamble 275, 372
\author 97, *211*

B

\baselineskip 1435, 1463, 1491
\begin 1014, 1016, 1057, 1059, 1099, 1108, 1114, 1124, 1133, 1143, 1158, 1744, 1779, 1813, 1844, 1878, 1916, 1918, 1932, 1935, 1936, 1938, 1939, 1945, 2104, 2106, 2137, 2139, 2207, 2209, 2240, 2242
\begingroup 143, 171, 284, 1255, 1273
\belowdisplayshortskip 1296, 1303, 1312, 1332, 1340, 1349, 1371, 1378, 1388
\belowdisplayskip . 1294, 1301, 1310, 1331, 1338, 1347, 1369, 1376, 1386
\belowrulesep 948
\bf 1046, 1049, 1052, 1088, 1719, 1721, 1726, 1785, 1787, 1789, 1791, 1798, 1801, 1803, 1805, 1850, 1852, 1854, 1856, 1863, 1866, 1868, 1870, 1923, 1952, 1955, 1958, 2005, 2007, 2010, 2110, 2119, 2121, 2127, 2130, 2138, 2140, 2213, 2221, 2227, 2230, 2233, 2241, 2243, 2244
\bfseries 1260, 1276, 1563, 1565, 1586, 1588, 1593, 1596

C

\c@secnumdepth 1195, 1529, 1558
\c@tocdepth 1252, 1269
\centering 1737
\ChapFont 1533, 1543
\chapter 1100, 1109, 1117, 1127, 1136, 1146, 1218, 1549, 1745, 1782, 1847, 2012, 2264
\chaptermark 1193, 1567
\ClassWarning 314
\cleardoublepage . . 978, 1116, 1126, 1135, 1145, 1222, 1235, 1781, 1846
\clearpage 262, 976, 984, 1220, 1224, 1233, 1550
\clubpenalty 956
\columnsep 1438, 1466, 1494
\columnseprule 1439, 1467, 1495
\csname 73, 162, 163, 273, 330, 331, 341, 347, 353, 379, 895
\csq@setstyle 375

D

\day 204
\dblfloatsep 1446, 1474, 1502
\dbltextfloatsep 1447, 1475, 1503

\DeclareOption 850, 851, 852, 854, 856, 858, 859, 860, 861, 863, 864, 866, 867, 869, 870, 872, 873, 874, 875, 876, 877, 879, 880
\def . 3, 13, 15, 18, 20, 22, 24, 26, 28, 30, 32, 34, 73, 75, 76, 77, 80, 81, 87, 88, 89, 91, 100, 101, 102, 103, 104, 107, 108, 110, 111, 113, 116, 119, 122, 125, 128, 131, 132, 134, 135, 137, 138, 140, 144, 145, 151, 156, 157, 158, 160, 172, 173, 179, 210, 212, 215, 216, 218, 220, 223, 224, 226, 229, 230, 232, 235, 236, 238, 240, 241, 243, 244, 246, 247, 248, 250, 253, 254, 260, 265, 272, 276, 312, 315, 321, 328, 331, 341, 342, 343, 349, 355, 356, 357, 364, 371, 373, 850, 851, 852, 874, 876, 957, 968, 974, 982, 1011, 1036, 1048, 1053, 1055, 1078, 1092, 1097, 1105, 1113, 1116, 1121, 1126, 1132, 1135, 1140, 1145, 1153, 1168, 1169, 1179, 1192, 1193, 1200, 1203, 1208, 1210, 1247, 1249, 1304, 1313, 1341, 1350, 1367, 1374, 1379, 1384, 1389, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1524, 1539, 1549, 1557, 1580, 1585, 1587, 1589, 1591, 1594, 1600, 1603, 1604, 1618, 1625, 1631, 1637, 1640, 1643, 1648, 1655, 1661, 1667, 1670, 1673, 1678, 1685, 1691, 1697, 1700, 1703, 1718, 1728, 1742, 1753, 1778, 1781, 1842, 1846, 1908, 1913, 1930, 1966, 1989, 2004, 2011, 2018, 2038, 2043, 2063, 2067, 2073, 2077, 2089, 2101, 2118, 2123, 2142, 2152, 2156, 2159, 2164, 2172, 2178, 2191, 2204, 2220, 2223, 2246, 2256, 2263, 2270, 2292
\define@key 16, 23, 27, 31, 79, 95, 99, 106, 109, 112, 115, 118, 121, 124, 127, 130, 133, 136, 139, 142, 155, 170, 207, 211, 214, 219, 222, 225, 228, 231, 234, 237, 246, 249, 252, 959, 962, 964, 966
\definecolor 960, 963, 965, 967

E

\ea 344, 345, 346, 347, 350, 351, 352, 353, 1166, 1174, 1175
\edef 196, 197, 199, 200, 202, 204, 208, 281, 285, 374, 995, 999, 1004, 1008, 1164, 1172
\else 10, 19, 37, 41, 44, 48, 52, 55, 59, 62, 67, 74, 84, 148, 154, 166, 176, 189, 190, 198, 257, 277, 280, 283, 290, 295, 360, 409, 411, 413, 415, 532, 534, 536, 538, 544, 546, 548, 550, 634, 636, 638, 644, 646, 648, 714, 716, 718, 720, 726, 728, 730, 732, 817, 819, 821, 827, 829, 831, 896, 898, 909, 979, 990, 1106, 1122, 1141, 1160, 1163, 1165, 1170, 1205, 1211, 1223, 1240, 1420, 1564, 1574, 1581, 1714, 1715, 1774, 1775, 1797, 1830, 1862, 1895, 1961, 2120, 2163, 2171
\emph 2014, 2266
\empty 25, 29, 33, 34, 35, 39, 46, 50, 280, 283, 295, 1165, 2163, 2171
\end 1024, 1025, 1067, 1068, 1104, 1111, 1120, 1130, 1139, 1149, 1162, 1752, 1840, 1841, 1905, 1906, 1927, 1928, 1938, 1944, 1945, 1947, 1948, 1965, 2114, 2115, 2139, 2141, 2217, 2218, 2242, 2245
\endalwayssingle 1249
\endcsname 73, 162, 168, 273, 330, 331, 341, 348, 354, 379, 900
\endgroup 147, 149, 175, 177, 287, 291, 1264, 1281
\endtabu 940
\endtabular 919
\endtabularx 932
\endthesis@newtable@old . 247, 919, 929
\endthesis@newtable@oldtabu 247, 940, 945
\endthesis@newtable@oldx . 247, 932, 937
\english 159
\evensidemargin 1418, 1422
\everypar 1263
\ExecuteOptions 881
\expandafter 4, 73, 89, 158, 160, 161, 162, 163, 187, 194, 205, 209, 330, 331, 344, 350, 359, 367, 894, 1166
\extrarowheight 949

F

\fi 4, 12, 21, 43, 57, 58, 64, 65, 66, 69, 70, 71, 74, 86, 150, 154, 168, 178, 191, 201, 259,

292, 293, 294, 297, 309, 311, 326, 339, 340, 362, 368, 371, 417, 504, 540, 552, 640, 650, 686, 722, 734, 823, 833, 893, 899, 900, 908, 916, 917, 950, 981, 989, 992, 1000, 1009, 1026, 1039, 1041, 1043, 1047, 1081, 1083, 1085, 1089, 1112, 1131, 1150, 1160, 1174, 1176, 1177, 1178, 1197, 1207, 1213, 1225, 1242, 1248, 1249, 1266, 1282, 1424, 1532, 1566, 1577, 1583, 1717, 1727, 1741, 1777, 1799, 1833, 1864, 1898, 1929, 1963, 2116, 2122, 2148, 2169, 2177, 2219, 2252
\file 227, 242
\fill 1109
\floatsep 1443, 1471, 1499
\fontsize 1292, 1299, 1308, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1329, 1336, 1345, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1367, 1374, 1384, 1393, 1394, 1395, 1396, 1397, 1398, 1399
\footins 1442, 1470, 1498
\footnoterule 1020, 1063
\footnotesep 1441, 1469, 1497
\footnotesize 1019, 1062, 1308, 1345, 1404
\footskip 1432

G

\gdef 181, 182, 183, 184, 188, 189, 190, 370, 384, 385, 386, 388, 391, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 406, 419, 420, 427, 429, 430, 435, 438, 442, 443, 448, 453, 456, 459, 460, 464, 465, 470, 473, 477, 480, 481, 485, 491, 493, 494, 496, 497, 498, 503, 507, 510, 511, 512, 514, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 529, 541, 556, 557, 564, 568, 571, 572, 577, 580, 584, 585, 591, 595, 598, 601, 602, 606, 607, 610, 620, 624, 625, 631, 641, 654, 657, 658, 662, 665, 666, 673, 675, 676, 679, 680, 685, 689, 692, 693, 694, 696, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 711, 723, 738, 739, 746, 750, 753, 754, 759, 762, 766, 767, 772, 776, 779, 782, 783, 787, 788, 791, 801, 805, 806, 814, 824, 837, 840, 841, 845
\geometry 2100, 2203
\global 202, 488, 492, 495, 499, 674, 677, 678, 681, 895, 1227, 1262, 1263, 1552

H

\hb@xt@ 1260, 1279
\hbox 987, 1200, 1203, 1243
\headheight 1429
\headsep 1430
\hfil . . 1201, 1204, 1208, 1210, 1260, 1279
\hfill 1103, 1736, 1748, 1926, 1962, 2113, 2139, 2216, 2242
\hrule 1201, 1204
\hskip 1278, 1814, 1879
\hss 1260, 1279
\Huge 1323, 1360, 1411
\huge 1322, 1359, 1410
\hypersetup 299, 952, 961

I

\if 38, 45, 49, 53, 60
\if@restonecol 1246, 1249
\if@twocolumn . . . 1237, 1248, 1572, 1580
\if@twoside 1202, 1209, 1219, 1416
\IfFileExists 313
\ifluatex 10, 897
\ifnum 188, 189, 195, 1195, 1252, 1269, 1528, 1558
\ifodd 985
\ifthesis@auto 251, 306
\ifthesis@blocks@assignment@ 255, 1151, 1154
\ifthesis@blocks@cover@department@ 1031, 1041
\ifthesis@blocks@cover@faculty@ 1029, 1039
\ifthesis@blocks@cover@field@ 1033, 1044
\ifthesis@blocks@cover@university@ 1027, 1037
\ifthesis@blocks@titlePage@department@ 1073, 1083
\ifthesis@blocks@titlePage@faculty@ 1071, 1081
\ifthesis@blocks@titlePage@field@ 1075, 1086
\ifthesis@blocks@titlePage@university@ 1069, 1079

\ifthesis@color@ 244, 862, 920, 1000, 1009
\ifthesis@cover@ 244, 878, 1012, 1914, 2102, 2205
\ifthesis@english . 157, 1122, 1141, 2120
\ifthesis@loaded 222, 274, 277
\ifthesis@locale@inheritance 169, 334
\ifthesis@microtype@ 244, 865, 891
\ifthesis@newtable@ 244, 871, 920
\ifthesis@palatino@ . . 243, 868, 902, 910
\ifthesis@style@inheritance . 141, 322
\ifthesis@twoside@ 243, 853, 975, 983, 1160, 2145, 2249
\ifthesis@woman 78, 504, 686
\ifthesis@xeluatex 246, 895, 901
\ifx 2, 17, 35, 39, 46, 50, 74, 82, 146, 153, 163, 174, 255, 280, 283, 286, 295, 330, 358, 365, 371, 407, 409, 411, 413, 530, 532, 534, 536, 542, 544, 546, 548, 632, 634, 636, 642, 644, 646, 712, 714, 716, 718, 724, 726, 728, 730, 815, 817, 819, 825, 827, 829, 1106, 1155, 1165, 1170, 1714, 1715, 1724, 1732, 1774, 1775, 1795, 1830, 1860, 1895, 1961, 2163, 2171
\ifxetex 10, 896
\includegraphics . 996, 1001, 1005, 1010
\includepdf 1173
\input 316, 1190
\intextsep 1445, 1473, 1501
\itemsep 1306, 1315, 1343, 1352, 1381, 1391, 1620, 1629, 1635, 1650, 1659, 1665, 1680, 1689, 1695

K

\KV@thesis@abstract 240
\KV@thesis@abstractEn 243
\KV@thesis@declaration 76
\KV@thesis@thanks 247

L

\l@chapter 1268, 1284
\l@part 1251
\l@section 1285
\l@subsection 1286
\l@subsubsection 1287
\labelsep 1607, 1608, 1609, 1614, 1615, 1626, 1632, 1638, 1641, 1644, 1656, 1662, 1668, 1671, 1674, 1686, 1692, 1698, 1701, 1704
\labelwidth . . 1615, 1626, 1632, 1638, 1641, 1644, 1656, 1662, 1668, 1671, 1674, 1686, 1692, 1698, 1701, 1704
\language 379
\languagename 153, 154, 283, 285
\LARGE 1321, 1358, 1409
\Large 1320, 1357, 1408, 1533, 1543
\large 1319, 1356, 1407, 1586
\leavevmode 1259, 1276
\leftmargin 1304, 1313, 1341, 1350, 1379, 1389, 1613, 1618, 1625, 1631, 1637, 1640, 1643, 1648, 1655, 1661, 1667, 1670, 1673, 1678, 1685, 1691, 1697, 1700, 1703
\leftmargini 1304, 1313, 1341, 1350, 1379, 1389, 1606, 1613, 1615, 1618, 1648, 1678
\leftmarginii 1607, 1625, 1626, 1655, 1656, 1685, 1686
\leftmarginiii 1608, 1631, 1632, 1661, 1662, 1691, 1692
\leftmarginiv 1609, 1637, 1638, 1667, 1668, 1697, 1698
\leftmarginv 1610, 1640, 1641, 1670, 1671, 1700, 1701
\leftmarginvi 1611, 1643, 1644, 1673, 1674, 1703, 1704
\leftskip 1277, 1278
\let 97, 105, 217, 269, 270, 271, 344, 350, 488, 492, 495, 499, 674, 677, 678, 681, 875, 877, 894, 895, 918, 919, 931, 932, 939, 940, 1019, 1020, 1062, 1063, 1090, 1091, 1166, 1198, 1199, 1206, 1212, 1214, 1297, 1334, 1372, 1413, 1622, 1652, 1682, 1733, 1784, 1786, 1788, 1790, 1794, 1800, 1802, 1804, 1806, 1807, 1809, 1849, 1851, 1853, 1855, 1859, 1865, 1867, 1869, 1871, 1872, 1874, 2066, 2126, 2128, 2129, 2131, 2132, 2134, 2226, 2228, 2229, 2231, 2232, 2234, 2235, 2237
\listfigurename 2175
\listoffigures 877, 2176
\listoftables 875, 2168
\listtablename 2167
\LoadClass 4
\long 76, 77, 240, 241, 243, 244, 247, 248, 272
\lowercase 345
\ltx@ifpackageloaded 376

M

\m@ne 1195, 1269, 1529, 1559
\makeatletter 279
\makeatother 310
\maketitle 217
\marginparpush 1455, 1483, 1511
\marginparsep 1425
\marginparwidth 1419, 1423
\markboth 1214
\markright 1194, 1582
\month 204

N

\NeedsTeXFormat 846, 849, 1707, 1764, 1980, 1996, 2031, 2056, 2091, 2193, 2284
\newcommand 72, 317, 319, 993, 997, 1002, 1006
\newcount 187, 194
\newgeometry 2146, 2250
\newif 78, 141, 169, 251, 274, 853, 862, 865, 868, 871, 878, 1027, 1029, 1031, 1033, 1069, 1071, 1073, 1075, 1151, 1246
\newlength 1733, 1784, 1786, 1788, 1790, 1794, 1800, 1802, 1804, 1806, 1807, 1809, 1849, 1851, 1853, 1855, 1859, 1865, 1867, 1869, 1871, 1872, 1874, 2126, 2128, 2129, 2131, 2132, 2134, 2226, 2228, 2229, 2231, 2232, 2234, 2235, 2237
\newpage 980, 988, 991
\nobreak . . . 1261, 1279, 1530, 1534, 1544
\noexpand 370
\noindent 1118, 1137, 1161, 1749, 1813, 1816, 1878, 1881, 1956, 2013, 2265
\normalfont 1260
\normalsize 1292, 1329, 1402, 1413, 1414, 1588, 1590, 1593, 1596
\null 1119, 1129, 1138, 1148
\numberline 1563

O

\oddsidemargin 1417, 1421
\onecolumn 1238, 1248
\onehalfspacing 2262, 2274
\overfullrule 860, 861

P

\p@ 1254, 1265, 1271, 1293, 1295, 1296, 1300, 1302, 1303, 1305, 1309, 1311, 1312, 1314, 1330, 1332, 1337, 1339, 1340, 1342, 1346, 1348, 1349, 1351, 1368, 1370, 1371, 1375, 1377, 1378, 1380, 1382, 1385, 1387, 1388, 1390, 1531, 1535, 1545, 1569, 1571, 1618, 1619, 1620, 1627, 1628, 1633, 1634, 1648, 1649, 1650, 1657, 1658, 1663, 1664, 1678, 1679, 1680, 1687, 1688, 1693, 1694
\PageFont 1208, 1210
\pagenumbering 973, 1182, 1912, 2042, 2072, 2151, 2255, 2259
\pagestyle 970, 1183, 1909, 2039, 2069, 2075, 2148, 2154, 2252, 2260
\par 1022, 1049, 1065, 1119, 1129, 1138, 1148, 1260, 1279, 1530, 1533, 1543, 1600, 1719, 1749, 1751, 2005
\paragraph 1591
\parbox 1736, 1816, 1881, 1951
\parfillskip 1258, 1275
\parindent 971, 1184, 1257, 1274, 1526, 1541, 1595, 1910, 2040, 2070, 2076, 2149, 2155, 2253, 2261
\parsep 1305, 1306, 1314, 1315, 1342, 1343, 1351, 1352, 1380, 1381, 1390, 1391, 1618, 1628, 1629, 1634, 1648, 1658, 1659, 1664, 1678, 1688, 1689, 1694
\parskip . . . 1457, 1485, 1513, 1527, 1542
\part 1232
\partopsep 1458, 1486, 1514, 1634, 1664, 1694
\penalty 1280
\pgfmathsetlength 1807, 1872, 2132, 2134, 2235, 2237
\phantomsection 2166, 2174
\ProcessOptions 883
\protect 1562, 1569, 1571
\ProvidesClass 1
\ProvidesFile 381, 418, 428, 432, 439, 447, 450, 461, 472, 474, 482, 500, 553, 565, 574, 581, 590, 592, 603, 621, 651, 659, 682, 735, 747, 756, 763, 771, 773, 784, 802, 834, 842, 1290, 1327, 1364
\ProvidesPackage 847, 848, 1708, 1765, 1981, 1997, 2032, 2057, 2092, 2194, 2285
\ps@thesisheadings 1192

R

\raisebox 1736
\refstepcounter 1560
\relax 90, 91, 187, 194, 217, 269, 270, 271, 330, 358, 365, 1020, 1063, 1169, 1175, 1184, 1190, 1252, 1733, 1784, 1786, 1788, 1790, 1794, 1800, 1802, 1804, 1806, 1807, 1809, 1849, 1851, 1853, 1855, 1859, 1865, 1867, 1869, 1871, 1872, 1874, 2076, 2126, 2128, 2129, 2131, 2132, 2134, 2155, 2226, 2228, 2229, 2231, 2232, 2234, 2235, 2237
\renewcommand 1218, 1232, 1251, 1268, 1284, 1285, 1286, 1287, 1292, 1299, 1308, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1329, 1336, 1345, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1812, 1877
\renewenvironment 925, 933, 941
\RequirePackage 5, 6, 7, 8, 9, 11, 318, 911, 915
\reset@font . 1586, 1588, 1590, 1592, 1596
\rightmark 1201, 1204
\rightskip 1257, 1274
\romannumeral 1172
\rowcolors 926, 934, 942
\rule 1738, 1943

S

\sc 1037, 1051, 1079, 1201, 1204, 1720, 1919, 1940, 2006, 2064, 2107, 2122, 2210, 2222
\scriptsize 1317, 1354, 1405
\secdef 1229, 1244, 1554
\section 1585
\selectfont 1292, 1299, 1308, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1329, 1336, 1345, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1368, 1374, 1384, 1393, 1394, 1395, 1396, 1397, 1398, 1399
\selectlanguage 377
\setcounter 972, 1181, 1187, 1598, 1601, 1602, 1911, 2041, 2071, 2150, 2254, 2258
\setkeys 14, 958
\setlength 860, 861, 947, 948, 949, 1256, 1272, 1526, 1527, 1541, 1542, 1735, 1796, 1806, 1809, 1861, 1871, 1874
\setmainfont 905
\setmathfont 906
\setotherlanguage 332
\settowidth 1734, 1784, 1786, 1788, 1790, 1798, 1800, 1802, 1804, 1849, 1851, 1853, 1855, 1863, 1865, 1867, 1869, 2126, 2128, 2129, 2131, 2226, 2228, 2229, 2231, 2232, 2234
\skip 1442, 1470, 1498
\small 1019, 1062, 1299, 1336, 1403
\space 1533, 1561
\string 158, 162, 347, 353
\subparagraph 1594
\subsection 1587
\subsubsection 1186, 1589

T

\tableofcontents 1094, 2158
\tabu 939
\tabular 918
\tabularx 931
\textbf . 1750, 1815, 1822, 1824, 1826, 1831, 1834, 1836, 1838, 1880, 1887, 1889, 1891, 1896, 1899, 1901, 1903
\textfloatsep 1444, 1472, 1500
\textheight 1435, 1436, 1463, 1464, 1491, 1492
\textit 1161
\textwidth 1200, 1203, 1437, 1465, 1493, 1810, 1875, 1943, 1951
\the 196, 197, 199, 200, 204
\thechapter . 1196, 1533, 1561, 1563, 1604
\thepage 370, 1208, 1210
\thesis@ 341, 342, 405, 528, 710
\thesis@@ 75, 342, 375, 1038, 1040, 1046, 1051, 1054, 1080, 1082, 1088, 1100, 1109, 1117, 1136, 1161, 1720, 1726, 1729, 1734, 1739, 1745, 1750, 2006, 2010, 2012, 2014, 2015, 2016, 2017, 2064, 2107, 2108, 2110, 2122, 2127, 2130, 2138, 2140, 2210, 2211, 2213, 2222, 2227, 2230, 2233, 2241, 2243, 2244, 2245, 2264, 2266, 2267, 2268, 2269
\thesis@@lower 225, 355
\thesis@@upper 225, 356
\thesis@abstract 239, 1118

\thesis@abstractEn 242, 1128
\thesis@academicYear 202, *217*, 1835, 1900
\thesis@advisor 245, 1726, 1750, 1832, 1897, 1962, 2010, 2017, 2128, 2138, 2228, 2241, 2269
\thesis@advisorSignature *267*
\thesis@arg 81, 82
\thesis@assignmentFiles 249, 1155, 1164
\thesis@author 87, *211*, 303, 1052, 1103, 1721, 1748, 1817, 1882, 1926, 1955, 2007, 2113, 2131, 2140, 2216, 2231, 2243
\thesis@author@head . 89, *211*, 2013, 2265
\thesis@author@tail 91, *211*
\thesis@autofalse 258
\thesis@autotrue 251, 256
\thesis@bachelors 101, 105, *212*, 407, 530, 542, 632, 642, 712, 724, 815, 825, 1714, 1774
\thesis@backend 1
\thesis@basepath 15, 22, 26, 30, 36, 56, 63, 68
\thesis@blocks@abstract 1113, 1761, 1974, 2024, 2048, 2083, 2184, 2276
\thesis@blocks@abstractEn . . . 1121, 1975, 2025, 2049, 2084, 2185, 2277
\thesis@blocks@assignment 1151, 1757, 1976, 2052, 2090, 2182
\thesis@blocks@assignment@false 1716, 1776
\thesis@blocks@assignment@true . 1152
\thesis@blocks@bibEntry 1778, 1972, 2011, 2022, 2263, 2280
\thesis@blocks@bibEntryEn . . 1842, 1973
\thesis@blocks@clear 969, 974, 1013, 1056, 1093, 1098, 1107, 1157, 1168, 1180, 1743, 1915, 1931, 2068, 2074, 2103, 2143, 2153, 2157, 2160, 2165, 2173, 2206, 2247, 2257
\thesis@blocks@clearRight 982, 1760, 1971, 2023, 2047, 2082, 2183, 2275
\thesis@blocks@cover . . . *244*, 1011, 1754, 1913, 1968, 1990, 2019, 2044, 2078, 2101, 2179, 2204, 2271, 2293
\thesis@blocks@cover@content *250*, 1021, 1048, 1090
\thesis@blocks@cover@department@false 1032
\thesis@blocks@cover@faculty@true 1030
\thesis@blocks@cover@field@false 1034
\thesis@blocks@cover@footer *250*, 1023, 1053, 1091
\thesis@blocks@cover@header *250*, 1017, 1036, 2063, 2066
\thesis@blocks@cover@university@true 1028
\thesis@blocks@declaration 1097, 1742, 1758, 1978, 1993, 2028, 2053, 2081, 2188, 2281, 2296
\thesis@blocks@facultyLogo@color 997, 1061, 1946
\thesis@blocks@facultyLogo@monochrome 993, 1018
\thesis@blocks@frontMatter 968, 1756, 1908, 1969, 1992, 2021, 2038, 2046, 2067, 2080, 2142, 2180, 2246, 2272, 2295
\thesis@blocks@keywords 1132, 1762, 2026, 2050, 2085, 2186, 2278
\thesis@blocks@keywordsEn 1140, 2027, 2051, 2086, 2187, 2279
\thesis@blocks@lof 876, 877, 1096, 2162, 2171, 2172
\thesis@blocks@lot 874, 875, 1095, 2161, 2163, 2164
\thesis@blocks@mainMatter *221*, *243*, 263, 271, 1179, 2073, 2152, 2256
\thesis@blocks@postamble *221*, *243*, 267, 270, 2089, 2191
\thesis@blocks@preamble *221*, *242*, 262, 269, 1753, 1966, 1989, 2018, 2043, 2077, 2178, 2270, 2292
\thesis@blocks@tables *244*, *244*, 1092, 1763, 1979, 1995, 2030, 2055, 2088, 2159, 2192, 2283, 2298
\thesis@blocks@thanks 1105, 1759, 1977, 1994, 2029, 2054, 2087, 2189, 2282, 2297
\thesis@blocks@titlePage 1055, 1718, 1755, 1930, 1970, 1991, 2020, 2045, 2079, 2181, 2273, 2294
\thesis@blocks@titlePage@content . . 1064, 1090, 1718, 2004, 2118, 2220
\thesis@blocks@titlePage@department@false 1074
\thesis@blocks@titlePage@department@true 1987, 2003
\thesis@blocks@titlePage@faculty@true 1072

\thesis@blocks@titlePage@field@false 1076
\thesis@blocks@titlePage@field@true 1988, 2117, 2291
\thesis@blocks@titlePage@footer 1066, 1091, 1728, 2123, 2223
\thesis@blocks@titlePage@header 1060, 1078, 2066
\thesis@blocks@titlePage@university@true 1070
\thesis@blocks@toc 2156, 2190
\thesis@blocks@universityLogo@color 1006, 1937
\thesis@blocks@universityLogo@monochrome 1002
\thesis@color@false 863
\thesis@color@setup 957, 1709, 1766, 1982, 1998, 2033, 2058, 2093, 2195, 2286
\thesis@color@true 864
\thesis@cover@false 879
\thesis@cover@true 880
\thesis@czech@abstractTitle 520, 568, 595, 665
\thesis@czech@advisorSignature . . 620
\thesis@czech@advisorTitle 518, 678, 1962
\thesis@czech@assignment . 512, 585, 607
\thesis@czech@authorTitle . . . 519, 674
\thesis@czech@bib@academicYear 270, 679, 1801, 1834
\thesis@czech@bib@advisor 270, 678, 1798, 1831
\thesis@czech@bib@author 269, 674, 1785, 1815
\thesis@czech@bib@field 270, 677, 1791, 1826
\thesis@czech@bib@keywords 270, 681, 1805, 1838
\thesis@czech@bib@pages 270, 602, 658, 680, 1803, 1836
\thesis@czech@bib@programme 270, 676, 1789, 1824
\thesis@czech@bib@thesisTitle 675, 1787, 1822
\thesis@czech@bib@title 269, 269, 601, 657, 673, 1782
\thesis@czech@csquotesStyle 507
\thesis@czech@declaration 514, 557, 610, 625, 666
\thesis@czech@declarationTitle . . 523
\thesis@czech@facultyLongName . . . 572
\thesis@czech@facultyName 511, 571, 577, 584, 591, 598, 606, 624, 654, 662, 1818, 1920, 1941
\thesis@czech@fall 526
\thesis@czech@fieldTitle . 517, 580, 677
\thesis@czech@gender@koncovka 501, 503, 559, 560, 613, 615, 616, 627, 668
\thesis@czech@idTitle 524, 564
\thesis@czech@keywordsTitle . 521, 681
\thesis@czech@semester 527
\thesis@czech@spring 525
\thesis@czech@thanksTitle 522
\thesis@czech@typeName 529, 631, 1923, 1954
\thesis@czech@typeName@akuzativ 501, 541, 641
\thesis@czech@universityName 510, 556, 1819, 1919, 1940
\thesis@date 181, 204, 205, 217
\thesis@day 184, 217
\thesis@declaration 75, 1101, 1746
\thesis@def 72, 92, 93, 94, 98, 114, 117, 120, 123, 126, 129, 213, 221, 227, 233, 239, 242, 245
\thesis@department . 114, 1042, 1084, 1820, 1921, 1942, 2015, 2065, 2267
\thesis@departmentEn 117, 1885
\thesis@doctoral 103, 212, 411, 534, 546, 636, 646, 716, 728, 819, 829
\thesis@empty 17, 74
\thesis@english@abstractTitle 397, 453, 1127
\thesis@english@advisorSignature . 470
\thesis@english@advisorTitle 395, 471
\thesis@english@advisorTitleEn . . 488
\thesis@english@assignment 386, 443, 465
\thesis@english@authorTitle . 396, 492
\thesis@english@bib@academicYear 271, 497, 1866, 1899
\thesis@english@bib@advisor 271, 488, 496, 1863, 1896
\thesis@english@bib@author 271, 492, 1850, 1880
\thesis@english@bib@field 271, 495, 1856, 1891
\thesis@english@bib@keywords 271, 499, 1870, 1903

\thesis@english@bib@pages 271, 460, 481, 498, 1868, 1901
\thesis@english@bib@programme 271, 494, 1854, 1889
\thesis@english@bib@thesisTitle 493, 1852, 1887
\thesis@english@bib@title 271, 271, 459, 480, 491, 1847
\thesis@english@csquotesStyle . . . 391
\thesis@english@declaration . 388, 420
\thesis@english@declarationTitle . 400
\thesis@english@facultyLongName . . 430
\thesis@english@facultyName 385, 429, 435, 442, 448, 456, 464, 473, 477, 485, 1883
\thesis@english@fall 403
\thesis@english@fieldTitle 394, 438, 495
\thesis@english@idTitle 401, 427
\thesis@english@keywordsTitle 398, 499, 1146
\thesis@english@semester 404
\thesis@english@spring 402
\thesis@english@thanksTitle 399
\thesis@english@typeName 406
\thesis@english@universityName 384, 419, 1884
\thesis@exists 312, 316, 320
\thesis@faculty 111, 135, 138, 338
\thesis@facultyLogo 135, 995, 999
\thesis@field 126, 1046, 1088, 1827, 2234, 2244
\thesis@fieldEn 129, 1892
\thesis@head 90, 226, 357, 363
\thesis@id 98
\thesis@input 315, 333, 335, 337
\thesis@keywords 227, 230, 304
\thesis@keywordsEn 233, 236
\thesis@load 274
\thesis@loadedfalse 274
\thesis@loadedtrue 278
\thesis@locale 151, 162, 261, 266, 280, 281, 282, 286, 289, 342, 355, 356, 374, 377, 379
\thesis@locale@inheritance 169
\thesis@locale@inheritancefalse . . 177
\thesis@locale@inheritancetrue 169, 175
\thesis@localepath . . . 30, 333, 335, 337
\thesis@logopath 22, 995, 999, 1004, 1008
\thesis@lower 225, 343, 355, 558, 611, 626, 667, 740, 792, 807
\thesis@male 80, 82
\thesis@masters 102, 212, 409, 532, 544, 634, 644, 714, 726, 817, 827, 1715, 1775
\thesis@microtype@false 867
\thesis@microtype@true 866
\thesis@month 183, 187, 217
\thesis@newtable@false 873
\thesis@newtable@old 247, 918, 928
\thesis@newtable@oldtabu . 247, 939, 944
\thesis@newtable@oldx . . . 247, 931, 936
\thesis@newtable@true 872
\thesis@pages 226, 370, 371, 1837, 1902, 2016, 2268
\thesis@palatino@false 870
\thesis@palatino@true 869
\thesis@parseAuthor 87, 96, 97, 211
\thesis@parseDate 179, 205, 209, 217
\thesis@place 210, 1054, 1729, 1925, 1964, 2014, 2112, 2141, 2215, 2245, 2266
\thesis@postamble 221, 265, 308
\thesis@preamble 221, 260, 307
\thesis@programme 120, 1825
\thesis@programmeEn 123, 1890
\thesis@ptsize 850, 851, 852, 1190
\thesis@require 298, 317, 320, 372, 885, 886, 887, 888, 889, 890, 892, 903, 904, 912, 913, 914, 921, 922, 923, 951, 1772, 1773, 2098, 2099, 2200, 2201, 2202
\thesis@requireIfExists 319, 323, 324, 327
\thesis@requireLocale 282, 328, 884, 1771
\thesis@requireStyle 296, 321
\thesis@rigorous 104, 212, 413, 536, 548, 718, 730, 1724, 1732, 1795, 1830, 1860, 1895, 1961
\thesis@season 188, 189, 190, 217, 405, 528, 710
\thesis@selectLocale 226, 261, 266, 289, 373, 1123, 1142, 1843, 1967
\thesis@slovak@abstractTitle 702, 750, 776
\thesis@slovak@advisorSignature . . 801
\thesis@slovak@advisorTitle 700
\thesis@slovak@assignment 694, 767, 788
\thesis@slovak@authorTitle 701
\thesis@slovak@bib@pages 783, 841
\thesis@slovak@bib@title 782, 840
\thesis@slovak@csquotesStyle 689

\thesis@slovak@declaration 696, 739, 791, 806
\thesis@slovak@declarationTitle . . 705
\thesis@slovak@facultyLongName . . 754
\thesis@slovak@facultyName 693, 753, 759, 766, 772, 779, 787, 805, 837, 845
\thesis@slovak@fall 708
\thesis@slovak@fieldTitle . . . 699, 762
\thesis@slovak@gender@koncovka 683, 685, 742, 794, 796, 797, 809
\thesis@slovak@idTitle 706, 746
\thesis@slovak@keywordsTitle 703
\thesis@slovak@semester 709
\thesis@slovak@spring 707
\thesis@slovak@thanksTitle 704
\thesis@slovak@typeName 711, 814
\thesis@slovak@typeName@akuzativ 683, 723, 824
\thesis@slovak@universityName 692, 738
\thesis@style 138, 295, 296
\thesis@style@inheritance 141
\thesis@style@inheritancefalse . . 149
\thesis@style@inheritancetrue 141, 147
\thesis@stylepath 26, 323, 324, 327, 1190
\thesis@subdir 24, 28, 32, 34
\thesis@tail 91, 226, 364, 369
\thesis@TeXkeywords . . . 230, 1137, 1839
\thesis@TeXkeywordsEn . 236, 1147, 1904
\thesis@TeXtitle 218, 1049, 1719, 1952, 2005, 2119, 2221
\thesis@TeXtitleEn 224, 2121
\thesis@thanks 247, 1106, 1110
\thesis@title 213, 218, 302, 1823, 2014, 2266
\thesis@titleEn 221, 224, 1888
\thesis@titlePage@footnotesize 260, 1384, 1404
\thesis@titlePage@Huge 260, 1049, 1399, 1411, 1719, 1923, 1952, 1953, 2005, 2110, 2119, 2213, 2221
\thesis@titlePage@huge 260, 1398, 1410
\thesis@titlePage@LARGE 260, 1038, 1080, 1397, 1409, 1919, 1940, 1955, 2107, 2210
\thesis@titlePage@Large 260, 1040, 1052, 1082, 1396, 1408, 1721, 1920, 1941, 2007, 2064, 2108, 2121, 2211
\thesis@titlePage@large 260, 1042, 1045, 1051, 1054, 1084, 1087, 1395, 1407, 1720, 1725, 1729, 1921, 1925, 1954, 2006, 2009, 2065, 2112, 2122, 2124, 2215, 2222, 2224
\thesis@titlePage@normalsize 260, 1367, 1402, 1942, 1958
\thesis@titlePage@scriptsize 260, 1393, 1405
\thesis@titlePage@small 260, 1374, 1403
\thesis@titlePage@tiny 260, 1394, 1406
\thesis@twoside@false 855
\thesis@twoside@true 857
\thesis@type 101, 407, 409, 411, 413, 416, 530, 532, 534, 536, 539, 542, 544, 546, 548, 551, 632, 634, 636, 639, 642, 644, 646, 649, 712, 714, 716, 718, 721, 724, 726, 728, 730, 733, 815, 817, 819, 822, 825, 827, 829, 832, 1714, 1715, 1724, 1732, 1774, 1775, 1795, 1830, 1860, 1895, 1961
\thesis@university 22, 108, 138, 324, 335, 337
\thesis@universityLogo 132, 1004, 1008
\thesis@upper . . 225, 349, 356, 2013, 2265
\thesis@version 1, 305
\thesis@womanfalse 78, 83
\thesis@womantrue 85
\thesis@year 182, 194, 217, 405, 528, 710, 1926, 1964, 2015, 2113, 2141, 2216, 2267
\thesislong 272
\thesissetup 13
\thispagestyle 977, 986, 1015, 1058, 1159, 1221, 1226, 1234, 1236, 1551, 1917, 1933, 2105, 2208
\tiny 1318, 1355, 1406
\title 216, 218
\topmargin 1427
\topsep 1305, 1314, 1342, 1351, 1382, 1390, 1619, 1627, 1633, 1635, 1649, 1657, 1663, 1665, 1679, 1687, 1693, 1695
\topskip 1431, 1436, 1464, 1492
\twocolumn 1249
\typeout 1561

U

\undefined 2, 153, 371, 1106, 1155
\uppercase 351

V

\value 985
\vbox 1200, 1203
\vfil 1049, 1119, 1129, 1138, 1148, 1243, 1719, 1751, 2005
\vfill . . 1022, 1065, 1749, 1922, 1924, 1950, 1956, 2109, 2111, 2212, 2214
\vskip 1045, 1047, 1050, 1087, 1089, 1102, 1201, 1204, 1271, 1531, 1535, 1545, 1719, 1747, 2005, 2065, 2137, 2240
\vspace 1109, 1943

W

\widowpenalty 955
\write 370

X

\x 894, 895, 897, 898

Y

\year 204

Z

\z@ . 1227, 1257, 1274, 1295, 1302, 1311, 1333, 1339, 1348, 1370, 1377, 1387, 1526, 1527, 1541, 1542, 1552, 1585, 1587, 1589, 1592, 1634, 1664, 1694

Change History

v0.0
General: bachelor project of Daniel Marek under supervision of Petr Sojka 207
v0.0a
General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing 207
v0.1
General: new release, documentation editing (CZ only, sorry) [PS] 207
v0.1a
General: minor documentation changes (CZ only, sorry) [PS] . 207
v0.1b
General: change of default size (11pt→12pt) [JP] 207
v0.1c
General: default values of \facultyname and \@thesissubtitle set for backward compatibility) [PS] 207
v0.1d
General: removed def schapter from fit1*.clo [JP] 207
v0.1e
General: add Brno to MU title [JP] 207
v0.1f
General: add documentation for hyperref [JP] 207
v0.1g
General: change of default size (12pt→11pt) [JP] 207
v0.2.00
General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP] 207
v0.2.01
General: add subsubsection to toc [JP] 207
v0.2.02
General: fix encoding bug [JP] . . . 207
v0.2.03
General: fix title spacing [PS, JP] . . 207
v0.2.04
General: fix SK declaration [Peter Cerensky, JP] 207
v0.2.05
General: add English abstract [JP] . 207
v0.2.06
General: fix : behind Advisor [JP] . 207
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] 207

v0.2.08
General: add change of University name [JP] 207
v0.2.09
General: add EN version of University name [JP] 207
v0.2.10
General: fix EN name of Acknowledgement [JP] 207
v0.2.11
General: fix missing `fi-logo.mf` [JP,PS] 207
v0.2.12
General: Licence change to the LPPL [JP] 207
v0.2.12a
General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. http://github.com/liskin/fithesis 207
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] . 207
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] 207
v0.3.02
General: PDF metadata stamping added for `\thesistitle` and `\thesisstudent` [VN] 207
v0.3.03
General: Small fixes (added `\relax` at `\MainMatter`), generating both fithesis.cls (obsolete, loading `fithesis2.cls`) and `fithesis2.cls`, minor doc edits, version numbering of `.clo` fixed, switch to utf8 and ensuring that `.dtx` compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] 207
v0.3.04
General: Import the url package to allow for the use of `\url` within the documentation. (backport of v0.2.15@r13) [VN] 207
v0.3.05
General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for `\CodelineIndex` typesetting. Added information about the usage of `fithesis1` and `fithesis2` on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) 207
v0.3.06
General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN] 207
v0.3.07
General: Replaced the `\thesiswoman` command with `\thesisgender`. [VN] 207
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) 207

v0.3.09
General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] 207
v0.3.10
General: Fixed a typo in the technical documentation. Updated the *Advanced usage* chapter of the user guide. The required packaged listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added *Advanced usage* 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] 207
v0.3.11
General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the `palatino` and `nopalatino` options. Stylistic changes to the text of the technical documentation. `\thesis@subdir` is now robust against relative paths. Accounted for French spacing in the guide. Fixed the `thesis@english@facultyName` string. Documentation refinements. [VN] 207
v0.3.12
General: The subsections and subsubsections now use the correct `tocdepth`. [VN] 207
v0.3.13
General: Fixed an inconsistency in the example code. Removed an extraneous `\thesis@blocks@clear` block withing the definition of `\thesis@blocks@frontMatter` in the fss style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the `\thesis@blocks@bibEntry` and the `\thesis@blocks@bibEntryEn` blocks within the sci style file. The `\thesis@blocks@assignment` block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the `\ifthesis@blocks@assignment` conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN] 207
v0.3.14
General: Updated the documentation. [VN] 207
v0.3.15
General: Renamed `\thesis@requireStyle` to `\thesis@requireWithOptions` and moved the style loader from the `\thesis@load` routine to a new `\thesis@requireStyle` macro to make the semantics of `\thesis@requireLocale` and `\thesis@requireStyle` more similar. Changed the `basepath`, `logopath`, `localepath` and `stylepath` keys to match the lower camelcasing of the rest of the keys. Added further description regarding the use of the `assignment` key. [VN] . . . 207
v0.3.16
General: Clubs and widows are now set to be infinitely bad. The `assignment` key has weaker, but more robust semantics now. [VN] 207

v0.3.17
General: Changed a forgotten `\thesis@@lower{...}` invocation in the definition of `\thesis@czech@declaration` for the Faculty of Arts into `\thesis@@lower{czech@...}`, so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] 207

v0.3.18
General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output `fithesis3.ctan.zip` archive. Updated the license notice. Added a `README` file. Canonicalized a url within the user guides. Renamed the root directory from `fithesis3/` to `fithesis/`. Refactored the makefiles. Added developer example files. Renamed `docstrip.cfg` to `LICENSE.tex` to better describe its role. The `fithesis.dtx` file now generates a `VERSION.tex` file containing the version of the package, when it's being typeset. Flattened the `logo/` directory structure. [VN] 207

v0.3.19
General: Updated the license. Added the `fithesis-` prefix to locale files. Proof-read and updated the documentation. Encapsulated the `localeInheritance` and `styleInheritance` setters. Added the `\thesis@selectLocale{...}`, which acts as a replacement for `\def\thesis@locale{...}`, which also switches hyphenation patterns. The macro definitions inside locale files are now global to account for the fact that it now makes sense to include locale files on-site (and therefore possibly inside a group) using the `\thesis@selectLocale`. The class files are now generated using the XeTeX engine, which preserves the characters outside ASCII. [VN] 207

v0.3.20
General: Removed an extraneous `\hypersetup` option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] 207

v0.3.21
General: Fixed an invalid font name. [VN] 207

v0.3.22
General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN] 207

v0.3.23
General: Fixed a typo in the Slovak locale. [VN] 207

v0.3.24
General: Added the `\thesis@backend` tunable. The hyphenation pattern switching now uses `polyglossia` instead of crude `\language` switching wherenever possible. Added the opt-out `microtype` class option, which loads the microtypographic extension. The `\thesis@`*locale*`@summer` and `@winter` locale macros were renamed to `@spring` and `@fall`. The `\thesis@parseDate` now uses more realistic month

ranges to set \thesis@season and \thesis@academicYear. Removed the extraneous indent in the \thesis@blocks@declaration macro definition within the style/mu/fithesis-fi.sty style file. \paragraphs are not included in the table of contents by default. The table class option now supports the tabu environment. The list of tables and the list of figures now have an entry in the table of contents for the style/mu/fithesis-econ.sty style file. [VN] 207
v0.3.25
General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] 207
v0.3.26
General: Updated the example documents and the user guide. Fixed a typo in the description of \thesis@season. [VN] . . . 207
v0.3.27:1
General: Fixed a typo in the guide. Added a compatibility layer for \title, \author, and \maketitle. Minor changes of the documentation. [VN] . . . 207
v0.3.27:2
General: \thesis@selectLocale is no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@locale). Instead, \thesis@preamble and @postamble now locally switch the locale and expand \thesis@blocks@preamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files. [VN] 207
v0.3.27:3
General: As a preparation for the future inclusion of bibliography support, the csquotes package is loaded, @csquotesStyle is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style. [VN] 207
v0.3.27:4
General: \thesis@english@declaration now uses the correct idiom (by one's own → on one's own). [VN] 207
v0.3.27:5
General: The PDF bookmarks are no longer garbled, when the LuaTEX engine is used. [VN] . 207
v0.3.28:1
General: The draft option has no longer an effect on the microtype package. The \thesis@require command now also takes an optional argument and the \thesis@requireWithOption command has become \thesis@requireIfExists. [VN] 207
v0.3.28:2
General: If the thesis locale and the document locale is the same (the default behaviour), the \thesis@selectLocale macro is applied globally at the beginning of the document. As a result, the csquotes style is automatically set for the entire document. [VN] 207