The fithesis4 class for the typesetting of theses written at the Masaryk University in Brno

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Abstract
This document details the design and the implementation of the fithesis4 document class. It contains technical information for anyone who wishes to extend the class with their locale or style files.

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1 Required classes and packages

\thesis@backend The class requires the class specified in \thesis@backend, whose default value is [a4paper]{rapport3}. If a different base class is desired, it can be specified by redefining \thesis@backend prior to loading the fithesis4 class.

\ProvidesClass{fithesis4}[\thesis@version]
\ifx\thesis@backend\undefined
\def\thesis@backend{[a4paper]{rapport3}}
\fi\expandafter\LoadClass\thesis@backend

The class also requires the following packages:

- \texttt{keyval} – Adds support for parsing comma-delimited lists of key-value pairs.
- \texttt{etoolbox} – Adds support for expanding code after the preamble using the \texttt{\AtPreamble} hook.
- \texttt{ltxcmds} – Implements several commands from the \LaTeX{} kernel. Used for the \texttt{\ltx@ifpackageloaded} command, which – unlike its \texttt{\@ifpackageloaded} counterpart – can be used outside the preamble.
- \texttt{ifxetex} – Used to detect the X\LaTeX{} engine.
- \texttt{ifluatex} – Used to detect the Lua\LaTeX{} engine.
- \texttt{inputenc} – Used to enable the input UTF-8 encoding. This package does not get loaded under the X\LaTeX{} and Lua\LaTeX{} engines.
- \texttt{xpatch} – Used to redefine parts of code in macros without redefining the whole macro.

The \texttt{hyperref} package is also conditionally loaded during the expansion of the \texttt{\thesis@load} macro (see Section 2.4). Other packages may be required by the style files (see Section 3.5) you are using.

\RequirePackage{keyval}
\RequirePackage{etoolbox}
\RequirePackage{ltxcmds}
\RequirePackage{ifxetex}
\RequirePackage{ifluatex}
\ifxetex\else\ifluatex\else
\RequirePackage[utf8]{inputenc}
\fi\fi
\RequirePackage{xpatch}
2 Public API

2.1 Options

Any \([options]\) passed to the class will be handed down to the loaded style files. The supported options are therefore documented in the subsections of Section 3.5 dedicated to the respective style files.

The class options specify the form of the document.

2.2 The \texttt{\thesissetup} macro

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

Contrary to the class options, the \textit{key}=\textit{value} pairs of the \texttt{\thesissetup} macro specify metainformation about the document.

\begin{verbatim}
\setkeys{thesis}{#1}
\end{verbatim}

2.2.1 The \texttt{basePath} key

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

\begin{verbatim}
\setkeys{thesis}{basePath=\textit{path}}
\end{verbatim}

2.2.2 The \texttt{logoPath} key

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

\begin{verbatim}
\setkeys{thesis}{logoPath=\textit{path}}
\end{verbatim}
\thesis@stylepath 2.2.3 The **stylePath** key

The \{\texttt{stylePath=path}\} pair sets the \textit{path} containing the style files. The \textit{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/.

```latex
27 \def\thesis@stylepath{\thesis@basepath style/}
28 \define@key{thesis}{stylePath}{%
29 \def\thesis@stylepath{\thesis@subdir#1%
30 \empty\empty\empty\empty}}
```

\thesis@localepath 2.2.4 The **localePath** key

The \{\texttt{localePath=path}\} pair sets the \textit{path} containing the locale files. The \textit{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/.

```latex
31 \def\thesis@localepath{\thesis@basepath locale/}
32 \define@key{thesis}{localePath}{%
33 \def\thesis@localepath{\thesis@subdir#1%
34 \empty\empty\empty\empty}}
```

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

```latex
35 \def\thesis@subdir#1#2#3#4\empty{%
36 \ify#1\empty% <empty> -> <basepath>
37 \thesis@basepath
38 \else
39 \ify#1/%
40 \ify#2\empty% / -> /
41 /%
42 \else% <path> -> <path>/
43 #1#2#3#4/%
44 \fi
45 \else
46 \ify#1.%
47 \ify#2\empty% . -> ./
48 .%
49 \else
50 \ify#2.%
51 \ify#3\empty% .. -> ../
52 ../%
53 \else
54 \ify#3/..<path> -> ../<path>/
55 ../#4/
56 \else
57 \thesis@basepath#1#2#3#4/%
```

6
The \thesis@def Keywords

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.

\thesis@declaration 2.2.5 The declaration key

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

\thesis@woman 2.2.6 The gender key

The \{\langle gender=char\rangle\} pair sets the author's gender to either a male, if char is the character m, or to a female. The gender can be tested using the \ifthesis@woman ... \else ... \fi conditional. The implicit gender is male.
\section*{2.2.7 The author key}

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

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

The standard \LaTeX\ \texttt{author} macro also sets this key.

\section*{2.2.8 The id key}

The \{\textit{\texttt{id=\textit{identifier}}}\} pair sets the identifier of the thesis author to \textit{identifier}. This usually corresponds to the unique identifier of the author within the information system of the given university.

\section*{2.2.9 The type key}

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

<table>
<thead>
<tr>
<th>The thesis type</th>
<th>The value of \textit{type}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar paper</td>
<td>\textit{sem}</td>
</tr>
<tr>
<td>Bachelor's thesis</td>
<td>\textit{bc}</td>
</tr>
<tr>
<td>Master's thesis</td>
<td>\textit{mgr}</td>
</tr>
<tr>
<td>Thesis proposal</td>
<td>\textit{prop}</td>
</tr>
<tr>
<td>Doctoral thesis</td>
<td>\textit{d}</td>
</tr>
<tr>
<td>Rigorous thesis</td>
<td>\textit{r}</td>
</tr>
</tbody>
</table>
The type is stored within the \thesis@type macro, whose implicit value is bc. For the ease of testing of the thesis type via \ifx conditions within style and locale files, the \thesis@sempaper, \thesis@bachelors, \thesis@masters, \thesis@proposal, \thesis@doctoral and \thesis@rigorous macros containing the corresponding type values are available as a part of the private API.

\begin{verbatim}
\def\thesis@sempaper{sem}
\def\thesis@bachelors{bc}
\def\thesis@masters{mgr}
\def\thesis@proposal{prop}
\def\thesis@doctoral{d}
\def\thesis@rigorous{r}
\let\thesis@type\thesis@bachelors
\define@key{thesis}{type}{\def\thesis@type{#1}}
\end{verbatim}

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.

\begin{verbatim}
\def\thesis@university{mu}
\define@key{thesis}{university}{\def\thesis@university{#1}}
\end{verbatim}

2.2.11 The faculty key

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

<table>
<thead>
<tr>
<th>The faculty</th>
<th>The domain name</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Faculty of Informatics</td>
<td>fi</td>
</tr>
<tr>
<td>The Faculty of Science</td>
<td>sci</td>
</tr>
<tr>
<td>The Faculty of Law</td>
<td>law</td>
</tr>
<tr>
<td>The Faculty of Economics and Admin.</td>
<td>econ</td>
</tr>
<tr>
<td>The Faculty of Social Studies</td>
<td>fss</td>
</tr>
<tr>
<td>The Faculty of Medicine</td>
<td>med</td>
</tr>
<tr>
<td>The Faculty of Education</td>
<td>ped</td>
</tr>
<tr>
<td>The Faculty of Arts</td>
<td>phil</td>
</tr>
<tr>
<td>The Faculty of Sports Studies</td>
<td>fsp</td>
</tr>
<tr>
<td>The Faculty of Pharmacy</td>
<td>pharm</td>
</tr>
</tbody>
</table>

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

### 2.2.12 The department key

The \{\thesis\{department\}=name\} pair sets the name of the department, at which the thesis is being written, to name. Unlike the university and faculty identifiers, fitthesis4 does not prescribe the format of the name; the style files may internally parse it, or typeset it as-is. The name is stored within the \thesis@department macro.

\thesis@departmentEn

### 2.2.13 The departmentEn key

The \{\thesis\{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@programme

### 2.2.14 The programme key

The \{\thesis\{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@programmeEn

### 2.2.15 The programmeEn key

The \{\thesis\{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@field 2.2.16 The field key

The \{field=\textit{name}\} pair sets the name of the author’s field of study to \textit{name}. Unlike the university and faculty identifiers, the \textit{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 \textit{name} is stored within the \thesis@field macro.

\begin{verbatim}
\thesis@def{field}
\define@key{thesis}{field}{% 
 \def\thesis@field{#1}}
\end{verbatim}

\thesis@fieldEn 2.2.17 The fieldEn key

The \{fieldEn=\textit{name}\} pair sets the English name of the author’s field of study to \textit{name}. The \textit{name} is stored within the \thesis@fieldEn macro.

\begin{verbatim}
\thesis@def{fieldEn}
\define@key{thesis}{fieldEn}{% 
 \def\thesis@fieldEn{#1}}
\end{verbatim}

\thesis@universityLogo 2.2.18 The universityLogo key

The \{universityLogo=\textit{filename}\} pair sets the filename of the logo file to be used as the university logo to \textit{filename}. The \textit{filename} is stored within the \thesis@universityLogo macro, whose implicit value is \textit{fithesis-base-thesis@locale}. The \textit{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.

\begin{verbatim}
\thesis@def{universityLogo}
\define@key{thesis}{universityLogo}{% 
 \def\thesis@universityLogo{fithesis-base-thesis@locale}}
\end{verbatim}

\thesis@facultyLogo 2.2.19 The facultyLogo key

The \{facultyLogo=\textit{filename}\} pair sets the filename of the logo file to be used as the faculty logo to \textit{filename}. The \textit{filename} is stored within the \thesis@facultyLogo macro, whose implicit value is \textit{fithesis-thesis@faculty-thesis@locale}. The \textit{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.

\begin{verbatim}
\thesis@def{facultyLogo}
\define@key{thesis}{facultyLogo}{% 
 \def\thesis@facultyLogo{fithesis-thesis@faculty-thesis@locale}}
\end{verbatim}
2.2.20 The style key

The \{style=filename\} pair sets the filename of the style file to be used to filename. The filename is stored within the \thesis@style macro, whose implicit value is \thesis@university/fithesis-\thesis@university-\thesis@faculty. When the filename is an empty token string, no style files will be loaded during the main routine (see Section 2.4).

\begin{verbatim}
141 \def\thesis@style{\thesis@university/fithesis-\thesis@university-\thesis@faculty}
142 \define@key{thesis}{style}{%
143 \def\thesis@style{#1}}
\end{verbatim}

2.2.21 The styleInheritance key

The \{styleInheritance=bool\} pair either enables, if bool is true or unspecified, or disables the inheritance for style files. The setting affects the function of the \thesis@requireStyle macro (see Section 3.1) and can be tested using the \ifthesis@style@inheritance ... \else ... fi conditional. Inheritance is enabled for style files by default.

\begin{verbatim}
144 \newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
145 \define@key{thesis}{styleInheritance}[^true]{%
146 \begingroup
147 \def\@true{true}%
148 \def\@arg{#1}%
149 \ifx\@true\@arg
150 \endgroup\thesis@style@inheritancetrue
151 \else
152 \endgroup\thesis@style@inheritancefalse
153 \fi}
\end{verbatim}

2.2.22 The locale key

The \{locale=name\} pair sets the name of the main locale to name. The name is stored within the \thesis@locale macro, whose implicit value is the main language of either the babel or the polyglossia package, or english, when undefined. When the name is an empty token string, no locale files will be loaded during the main routine (see Section 2.4).

\begin{verbatim}
154 \def\thesis@locale{%
155 % Babel / polyglossia detection
156 \ifx\languagename\undefined
157 \thesis@locale=english\else\languagename\fi}
158 \define@key{thesis}{locale}[^english]{%
159 \def\thesis@locale{#1}}
\end{verbatim}

\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\@locale\expandafter\expandafter{\expandafter{\expandafter\string\csname\thesis@locale\endcsname}urnished expandafter f\ifx\@locale\english\true%\else\false%\fi\endcsname}

\thesis@locale@inheritance

2.2.23 The localeInheritance key

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

\newif\ifthesis@locale@inheritance\thesis@locale@inheritancefalse
\newif\@true\thesis@locale@inheritancefalse
\newif\@false\thesis@locale@inheritancefalse
\newif\@true\thesis@locale@inheritancefalse
\newif\@false\thesis@locale@inheritancefalse
\newif\@true\thesis@locale@inheritancefalse
\newif\@false\thesis@locale@inheritancefalse
\newif\@true\thesis@locale@inheritancefalse
\newif\@false\thesis@locale@inheritancefalse

\thesis@locale@inheritance

2.2.24 The date key

The $\{\text{date=\texttt{date}}\}$ pair sets the date of the thesis submission to $\texttt{date}$, where $\texttt{date}$ 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 $\texttt{date}$ is parsed and stored using the \thesis@parseDate macro within the following macros:

\thesis@parseDate
\thesis@date
\thesis@year
\thesis@month
\thesis@day
\thesis@season

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

\thesis@seasonYear

\thesis@seasonYear – The year of the given semester:

– $\text{YYYY} - 1$ if $\text{MM} \leq 2$.
– $\text{YYYY}$ if $\text{MM} > 2$

\thesis@academicYear

\thesis@academicYear – The academic year of the given semester:

– $\text{YYYY} - \text{YYYY}$ if $\text{MM} < 9$.
– $\text{YYYY}/\text{YYYY} + 1$ if $\text{MM} \geq 9$

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

\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\fi
\advance\@month-1\gdef\thesis@season{spring}

% Set the academic year
\newcount\@year\expandafter\@year\thesis@year\relax
\ifnum\@month>8
\edef\@yearA{\the\@year}%
\edef\@yearB{\the\@year}%
\advance\@year1
\edef\thesis@academicYear{\@yearA/\@yearB}%
\else
\advance\@year1\edef\@yearA{\the\@year}%
\edef\@yearB{\the\@year}%
\fi
\global\edef\thesis@academicYear{\@yearA/\@yearB}

% Set the season year
\ifnum\@month>2\else
\advance\@year-1
\fi
\global\edef\thesis@seasonYear{\the\@year})

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

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

\thesis@title \subsection{The title key}

The \{title=title\} pair sets the title of the thesis to \textit{title}. The \textit{title} is stored within the \thesis@title macro. The standard \LaTeX \texttt{title} macro also sets this key.

\maketitle The standard \LaTeX \texttt{maketitle} macro is defined, but disabled.

\thesis@TeXtitle \subsection{The \TeXtitle key}

The \{\TeXtitle=title\} pair sets the \TeX title of the thesis to \textit{title}. The \textit{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 \textit{title} is stored within the \thesis@TeXtitle macro, whose implicit value is \thesis@title.

\thesis@titleEn \subsection{The titleEn key}

The \{titleEn=title\} pair sets the English title of the thesis to \textit{title}. The \textit{title} is stored within the \thesis@titleEn macro.
\thesis@TeXtitleEn 2.2.29 The \TeXtitleEn key

The \{\TeXtitleEn=title\} pair sets the English \TeX\ title of the thesis to \textit{title}. The \textit{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 \textit{title} is stored within the \thesis@TeXtitleEn macro, whose implicit value is \thesis@titleEn.

\begin{verbatim}
234 \def\thesis@TeXtitleEn{\thesis@titleEn}
235 \define@key{thesis}{TeXtitleEn}{\thesis@TeXtitleEn}
\end{verbatim}

\thesis@keywords 2.2.30 The keywords key

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

\begin{verbatim}
237 \thesis@def{keywords}
238 \define@key{thesis}{keywords}{\thesis@keywords}
\end{verbatim}

\thesis@TeXkeywords 2.2.31 The \TeXkeywords key

The \{\TeXkeywords=list\} pair sets the \TeX\ keywords of the thesis to the comma-delimited \textit{list}. The \textit{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 \textit{list} is stored within the \thesis@TeXkeywords macro.

\begin{verbatim}
240 \def\thesis@TeXkeywords{\thesis@keywords}
241 \define@key{thesis}{TeXkeywords}{\thesis@TeXkeywords}
\end{verbatim}

\thesis@keywordsEn 2.2.32 The keywordsEn key

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

\begin{verbatim}
243 \thesis@def{keywordsEn}
244 \define@key{thesis}{keywordsEn}{\thesis@keywordsEn}
\end{verbatim}

\thesis@TeXkeywordsEn 2.2.33 The \TeXkeywordsEn key

The \{\TeXkeywordsEn=list\} pair sets the English \TeX\ keywords of the thesis to the comma-delimited \textit{list}. The \textit{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 \textit{list} is stored within the \thesis@TeXkeywordsEn macro.

\begin{verbatim}
246 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
247 \define@key{thesis}{TeXkeywordsEn}{\thesis@TeXkeywordsEn}
\end{verbatim}


\thesis@abstract 2.2.34 The abstract key

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

249 \thesis@def{abstract}
250 \long\def\KV@thesis@abstract#1{"%
251 \long\def\thesis@abstract{#1}

\thesis@abstractEn 2.2.35 The abstractEn key

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

252 \thesis@def{abstractEn}
253 \long\def\KV@thesis@abstractEn#1{"%
254 \long\def\thesis@abstractEn{#1}

\thesis@advisor 2.2.36 The advisor key

The \{advisor=name\} pair sets the thesis advisor’s full name to name. The name is stored within the \thesis@advisor macro.

255 \thesis@def{advisor}
256 \define@key{thesis}{advisor}{\def\thesis@advisor{#1}}

\thesis@thanks 2.2.37 The thanks key

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

257 \long\def\KV@thesis@thanks#1{"%
258 \long\def\thesis@thanks{#1}

\thesis@assignmentFiles 2.2.38 The assignment key

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

259 \define@key{thesis}{assignment}{%260 \def\thesis@assignmentFiles{#1}}

When the \thesis@assignmentFiles macro is defined and non-empty, the style files should take that as a cue that the user wishes to typeset the thesis assignment.
\thesis@bibFiles

2.2.39 The bib key
The \{\{\bib=\list\}\}\ pair sets the comma-delimited list of paths to the BIB files containing the bibliography databases to \list. The \list is stored within the \thesis@bibFiles macro.

261 \define@key{thesis}{bib}{%  
262 \def\thesis@bibFiles{#1}}%  

When the \thesis@bibFiles macro is defined and non-empty, the style files should take that as a cue that the user wishes to typeset the bibliography.

\ifthesis@auto

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

263 \newif\ifthesis@auto\thesis@autotrue
264 \define@key{thesis}{autoLayout}[true]{%  
265 \def\true{true}  
266 \def\arg[#1]{%  
267 \ifx\true\arg  
268 \thesis@autotrue  
269 \else  
270 \thesis@autofalse  
271 \fi}%  

\thesis@pages@preamble

The \thesis@pages@preamble macro contains the last page number within the preamble of the document. During the first \TeX compilation, the macro expands to \texttt{??}.

272 \ifx\thesis@pages@preamble\undefined
273 \def\thesis@pages@preamble{??}\fi

\thesis@pages@postamble

The \thesis@pages@postamble macro contains the last page number prior to the postamble of the document. During the first \TeX compilation, the macro expands to \texttt{??}.

274 \ifx\thesis@pages@postamble\undefined
275 \def\thesis@pages@postamble{??}\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; the latter two macros are to be redefined by the loaded style files.

After expanding \thesis@blocks@preamble inside a \TeX group, the \thesis@preamble macro defines the \thesis@pages@preamble macro, writes the definition to the auxiliary file, and clears the page. After leaving the group, the \thesis@preamble
sets up the style of the main matter by expanding the \thesis@blocks@mainMatter macro.

\begin{verbatim}
def\thesis@preamble{% 
{\thesis@selectLocale{\thesis@locale}% 
\thesis@blocks@preamble 
\gdef\thesis@pages@preamble{\thepage} 
\write\auxout{\noexpand\gdef\noexpand \thesis@pages@preamble{\thepage}} 
\clearpage 
\thesis@blocks@mainMatter}
def\thesis@postamble{%
\gdef\thesis@pages@postamble{\thepage} 
\immediate\write\auxout{\noexpand\gdef\noexpand \thesis@pages@postamble{\thepage}} 
{\thesis@selectLocale{\thesis@locale}% 
\thesis@blocks@postamble}}
def\thesis@extra@KV@prefix{KV@thesis@extra@}
def\thesis@extra@XKV@fams{thesis@extra}
\long\def\KV@thesis@extra#1{% 
Patch the xkeyval package to support unknown keys.
\end{verbatim}

Before expanding \thesis@blocks@postamble inside a \TeX\ group, the \thesis@postamble macro defines the \thesis@pages@postamble macro, writes the definition to the auxiliary file, and clears the page.

\begin{verbatim}
def\thesis@postamble{% 
\gdef\thesis@pages@postamble{\thepage} 
\immediate\write\auxout{\noexpand\gdef\noexpand \thesis@pages@postamble{\thepage}} 
{\thesis@selectLocale{\thesis@locale}% 
\thesis@blocks@postamble}}
\let\thesis@blocks@postamble\relax
\let\thesis@blocks@mainMatter\relax
\end{verbatim}

\subsection{The extra key}

The {\{\texttt{extra=\{\texttt{keyvals}\}}\}} pair enables the definition of extra data fields, where \emph{keyvals} is a comma-delimited list of \texttt{key=value} pairs as defined by the keyval package. For each \texttt{key=value} pair, a \thesis@extra@key is defined to be \texttt{value}. These extra data fields are provided as a unified interface for passing additional data to the style and locale files.

\begin{verbatim}
def\thesis@extra@KV@prefix{KV@thesis@extra@}
def\thesis@extra@XKV@fams{thesis@extra}
\long\def\KV@thesis@extra#1{% 
Patch the xkeyval package to support unknown keys.
\end{verbatim}
Patch the keyval package to support unknown keys.
The \thesis@def@extra \texttt{[\texttt{definition}]\{\texttt{name}\}} macro defines the \thesis@extra@name macro to expand to either \texttt{definition}, if specified, or to \thesis@placeholder@extra@name, where \thesis@extra@name is defined to expand to \texttt{extra@name}. If \thesis@extra@name has already been defined by the user, \thesis@def@extra has no effect.

\begin{verbatim}
\newcommand{\thesis@def@extra}[2][2]{%
  \expandafter{\expandafter\let\expandafter\@tempc
  \csname KV@prefix\endcsname\relax
  \ifx\@tempc\relax
    \ifx\KV@prefix\thesis@extra@KV@prefix
      \KV@sp\def\tempb{#2}\
      \expandafter\let\csname thesis@extra@#2\endcsname\relax
    \else
      \KV@errx
      {\texttt{#2\space undefined}}\%\fi
  \else
    \expandafter{\ifx\@empty#3\@empty\KV@default\else
      \KV@@sp\def\tempb{#2}\
      \expandafter\@tempc\expandafter{\@tempb}\relax
    \fi}
  \fi}
\thesis@def@extra
\end{verbatim}

\textbf{2.3 The \thesislong macro}

The public macro \thesislong\texttt{(\texttt{key})\texttt{(value)}}, can be used as an alternative to the \thesissetup\texttt{\{\texttt{key}\} = \{\texttt{value}\}} public macro:

\begin{verbatim}
\long\def\thesislong#1#2{\csname KV@thesis@#1endcsname@#2\}
\thesislong
\end{verbatim}

This macro is a relict of the time when \thesissetup did not accept multi-paragraph input.
2.4 The \thesisload macro

\thesisload The \thesisload macro is responsible for preparing the environment for, and con-
sequently loading, the necessary locale and style files. By default, the \thesisload macro gets expanded at the end of the preamble, but it can be expanded manually
prior to that point, if necessary to prevent package clashes. The \ifthesis@loaded macro ensures that the expansion is only performed once. For backwards compatibil-
ity, the \thesis@load macro can be used to the same effect.

\thesisload
\ifthesis@loaded false
\BeforeBeginEnvironment{document}{\thesisload}
\def\thesis@load{\thesisload}
\def\thesisload{\ifthesis@loaded\else\thesis@loadedtrue\fi}
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}\fi
Coerce LuaTeX into defining \1@locale for locales with known hyphenation patterns,
unless babel or polyglossia have been loaded. In that case, \1@locale has already
been defined.
\ifluatex\ltx@ifpackageloaded{babel}{}\ltx@ifpackageloaded{polyglossia}{}\thesis@require{babel}\fi
Fix the value of the \ifthesis@english macro.
\ifthesis@english\expandafter\expandafter\expandafter\let\expandafter\expandafter\csname ifthesis@english\endcsname\csname iftrue\endcsname\else\expandafter\expandafter\expandafter\let\expandafter\expandafter\csname ifthesis@english\endcsname\csname iffalse\endcsname\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
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.
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 2021/10/17 v1.0.2 fithesis4 MU thesis class.

If autolayout is enabled, the \thesis@preamble and \thesis@postamble macros are scheduled for expansion at the beginning and at the end of the document, respectively. The definition of the \thesis@pages macro is also scheduled to be written to the auxiliary file at the end of the document.
3 Private API

3.1 File manipulation macros

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

\begin{verbatim}
450 \def\thesis@exists#1#2{% 
451 \IfFileExists{#1}{#2}{% 
452 \ClassWarning{fithesis4}{File #1 doesn't exist}}}
\end{verbatim}

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

\begin{verbatim}
453 \def\thesis@input#1{\thesis@exists{#1}{\input{#1}}}
\end{verbatim}

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

\begin{verbatim}
455 \newcommand\thesis@require[2][]{\thesis@requireIfExists{\thesis@require#2}{#1}}
\end{verbatim}

\thesis@requireIfExists The \thesis@requireIfExists\{ (options) \}( (package) ) expands to \thesis@require\{ (options) \}( (package) ), if the specified package exists and has not yet been loaded.

\begin{verbatim}
457 \newcommand\thesis@requireIfExists[2][]{\thesis@requireIfNotExistстве{\thesis@requireIfNotExistстве#2}{#1}}
\end{verbatim}

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

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

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

\begin{verbatim}
459 \def\thesis@requireStyle#1{% 
460 \ifthesis@style@inheritance \thesis@requireIfExists{\thesis@stylepath fithesis-base}{}% 
461 \thesis@requireIfExists{\thesis@stylepath\thesis@university}{}% 
462 \thesis@requireIfExists{\thesis@stylepath\thesis@university-base}{}% 
463 \fi %
464 \thesis@requireIfNotExistстве{\thesis@requireIfNotExistстве#1}{}}
\end{verbatim}

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

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

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

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

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

466 \def\thesis@requireLocale#1{%
467 % Ignore redundant requests
468 \expandafter\ifx\csname thesis@#1@required\endcsname\relax
469 \expandafter\def\csname thesis@#1@required\endcsname{}
470 \@ifpackageloaded{polyglossia}{\setotherlanguage{#1}{}{}}
471 \thesis@input{\thesis@localepath fithesis-#1.def}%
472 \ifthesis@locale@inheritance
473 \thesis@input{\thesis@localepath\thesis@university/%
474 fithesis-#1.def}%
475 \thesis@input{\thesis@localepath\thesis@university/%
476 \thesis@faculty/fithesis-#1.def}%
477 \fi
478 \fi}

3.2 String manipulation macros

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

479 \def\thesis@{⟨name⟩}{\csname thesis@#1\endcsname}

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

480 \def\thesis@@{⟨name⟩}{\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.

481 \def\thesis@lower#1{{%
482 \let\ea\expandafter
483 \ea\MakeLowercase\ea{\csname thesis@#1\endcsname}}%
484 \def\thesis@upper#1{%
The \thesis@lower and \thesis@upper macros are used for upper- and lowercase 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.

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

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.

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

3.3 General purpose macros

The \thesis@pages macro contains the last page number within the document. During the first \TeX\ compilation, the macro expands to ??.

\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.
The \thesis@patch{⟨versions⟩}{⟨patch⟩} macro expands patch, if \thesis@version@number (defined at the top of the file fithesis4.cls) matches any of the comma-delimited versions. This macro enables the simple deployment of version-targeted patches.

\thesis@xpatch The \thesis@xpatch{⟨command⟩}{⟨search⟩}{⟨replace⟩} macro is used to replace search with replace in the definition of command. If the replacement fails, a class error is written to the output.

3.4 Locale files
Locale files contain macro definitions for various locales. They live in the locale/subtree and they are loaded during the main routine (see Section 2.4).

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

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

3.4.1 Interface
The union of locale files loaded via the locale file inheritance scheme (see the definition of the \thesis@requireLocale macro in Section 3.1) needs to globally
define the following macros:

- \thesis@locale@csquotesStyle – The name of the style of the csquotes package that matches this locale
- \thesis@locale@universityName – The name of the university
- \thesis@locale@facultyName – The name of the faculty
- \thesis@locale@assignment – The instructions to replace the current page with the official thesis assignment
- \thesis@locale@declaration – The thesis declaration text
- \thesis@locale@fieldTitle – The title of the field of study entry
- \thesis@locale@advisorTitle – The title of the advisor entry
- \thesis@locale@authorTitle – The title of the author entry
- \thesis@locale@abstractTitle – The title of the abstract section
- \thesis@locale@keywordsTitle – The title of the keywords section
- \thesis@locale@thanksTitle – The title of the acknowledgements section
- \thesis@locale@declarationTitle – The title of the declaration section
- \thesis@locale@idTitle – The title of the thesis author’s identifier field
- \thesis@locale@spring – The name of the spring semester
- \thesis@locale@fall – The name of the fall semester
- \thesis@locale@semester – The full name of the current semester
- \thesis@locale@typeName – The name of the thesis type
- \thesis@locale@authorSignature – The label of the author’s signature field
- \thesis@locale@formattedDate – A formatted date
- \thesis@locale@advisorSignature – The label of the author’s signature field

where locale is the name of the locale.
3.4.2 English locale files

3.4.2.1 The locale/fithesis-english.def file

This is the base file of the English locale.

\ProvidesFile{fithesis/locale/fithesis-english.def}[2021/02/26]

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{%
  This is where a copy of the official signed thesis assignment
  is located in the printed version of the document.}
\gdef\thesis@english@declaration{Declaration text ...}

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

% Time strings
\gdef\thesis@english@spring{Spring}
\gdef\thesis@english@fall{Fall}
\gdef\thesis@english@semester{%
  \thesis@{english@\thesis@season} \thesis@seasonYear}
\gdef\thesis@english@formattedDate{%
  \thesis@day.
  \newcount\@month\expandafter\@month\thesis@month\relax
  \ifnum\@month=1%
    January
  \else\ifnum\@month=2%
    February
  \else\ifnum\@month=3%
    March
  \else\ifnum\@month=4%
    April
  \else\ifnum\@month=5%
    May
  \else\ifnum\@month=6%
    June
  \else\ifnum\@month=7%
    July
  \else\ifnum\@month=8%
    August
  \else\ifnum\@month=9%
    September
  \else\ifnum\@month=10%
    October
  \else\ifnum\@month=11%
    November

% Miscellaneous
\gdef\thesis@english@authorSignature{Author's signature}
\gdef\thesis@english@advisorSignature{Signature of Thesis Advisor}
\gdef\thesis@english@advisorTitle{Advisor}
\gdef\thesis@english@authorTitle{Author}
\gdef\thesis@english@abstractTitle{Abstract}
\gdef\thesis@english@keywordsTitle{Keywords}
\gdef\thesis@english@thanksTitle{Acknowledgements}
\gdef\thesis@english@declarationTitle{Declaration}
\gdef\thesis@english@summaryTitle{Summary}
\gdef\thesis@english@idTitle{ID}
\gdef\thesis@english@typeName@sempaper{Seminar Paper}
\gdef\thesis@english@typeName@bachelors{Bachelor's Thesis}
\gdef\thesis@english@typeName@masters{Master's Thesis}
\gdef\thesis@english@typeName@proposal{Thesis Proposal}
\gdef\thesis@english@typeName@doctoral{Doctoral Thesis}
\gdef\thesis@english@typeName@rigorous{Rigorous Thesis}
\gdef\thesis@english@typeName{%}
\ifx\thesis@type\thesis@sempaper
  \thesis@english@typeName@sempaper
\else\ifx\thesis@type\thesis@bachelors
  \thesis@english@typeName@bachelors
\else\ifx\thesis@type\thesis@masters
  \thesis@english@typeName@masters
\else\ifx\thesis@type\thesis@proposal
  \thesis@english@typeName@proposal
\else\ifx\thesis@type\thesis@doctoral
  \thesis@english@typeName@doctoral
\else\ifx\thesis@type\thesis@rigorous
  \thesis@english@typeName@rigorous
\else
  <<Unknown thesis type (\thesis@type)>>%
\fi\fi\fi\fi\fi\fi\fi}

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

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

% Placeholders
\gdef\thesis@english@assignment{%
\ifthesis@digital@
\else
\fi}

% Bibliographic entry
\gdef\thesis@english@bib@title{Bibliographic record}
\gdef\thesis@english@bib@pages{p}
\gdef\thesis@english@bib@authorTitle{Supervisor}
\gdef\thesis@english@bib@programme{Degree Programme}
\gdef\thesis@english@bib@fieldTitle{Field of Study}
\gdef\thesis@english@bib@academicYear{Academic Year}
\gdef\thesis@english@bib@pages{Number of Pages}
\gdef\thesis@english@bib@keywordsTitle{Keywords}

3.4.2.3 The locale/mu/law/fithesis-english.def file
This is the English locale file specific to the Faculty of Law at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value.
and defines the facultyLongName required by the \thesis@blocks@cover and the \thesis@blocks@titlePage blocks.

\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}

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

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

\ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2017/06/02]
\% Placeholders
\gdef\thesis@english@facultyName{Faculty of Sports Studies}
\gdef\thesis@english@fieldTitle{Specialization}

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

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

\ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2016/05/25]
\% Placeholders
\gdef\thesis@english@facultyName{Faculty of Social Studies}
\gdef\thesis@english@assignment{\% \ifthesis@digital@ This is where a copy of the official signed thesis assignment or a copy of the Statement of an Author or both are located in the printed version of the document. \else Replace this page with a copy of the official signed thesis assignment or a copy of the Statement of an Author or both, depending on the requirements of the respective department. \fi}

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

This is the English locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the facultyName and abstractTitle placeholders with the correct value. The locale file also defines the private macros required by the \thesis@blocks@bibEntry block defined within the style/mu/fithesis-econ.sty style file.

\ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2017/06/02]
3.4.2.7 The locale/mu/med/fithesis-english.def file

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

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

This is the English locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the string in accordance with the requirements of the faculty.
3.4.2.9 The locale/mu/phil/fithesis-english.def file

This is the English locale file specific to the Faculty of Arts at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value. It also defines the departmentName string, which is used by the style/mu/fithesis-phil.sty style file, when typesetting the names of known departments.

\ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2016/03/22]
\gdef\thesis@english@facultyName{Faculty of Arts}

% Placeholders
\gdef\thesis@english@departmentName{\ifx\thesis@department\thesis@departments@kisk
\else
<<Unknown department (\thesis@department)>>%
\fi}

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

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

\ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2016/03/22]
728 % Placeholders
\gdef\thesis@english@facultyName{Faculty of Education}

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

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

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

3.4.2.12 The locale/mu/pharm/fithesis-english.def file

This is the English locale file specific to the Faculty of Pharmacy at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the abstractTitle in accordance with the guidelines of the faculty.
3.4.3 Czech locale files

3.4.3.1 The locale/fithesis-czech.def file

This is the base file of the Czech locale.

The locale file defines all the private macros mandated by the locale file interface. The locale file also defines the \thesis@czech@gender@koncovka macro, which expands to the correct verb ending based on the value of the \thesis@ifwoman macro and the \thesis@czech@typeName@akuzativ containing the accusative case of the thesis type name.

% 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{% Na tomto místě se v-tištěné práci nachází oficiální podepsané zadání práce.}
\gdef\thesis@czech@declaration{Text prohlášení ...}

% Časové údaje
\gdef\thesis@czech@spring{září}
\gdef\thesis@czech@fall{září}
\gdef\thesis@czech@semester{% \thesis@{czech@\thesis@season} \thesis@seasonYear}
\gdef\thesis@czech@formattedDate{%
\thesis@day.
\newcount\@month\expandafter\@month\thesis@month\relax
\ifnum\@month=1\relax ledna

\else\ifnum\@month=2\%\únor\a\else\ifnum\@month=3\%\bře\zn\a\else\ifnum\@month=4\%\dun\a\else\ifnum\@month=5\%\kvě\tn\a\else\ifnum\@month=6\%\červ\na\else\ifnum\@month=7\%\červ\nce\a\else\ifnum\@month=8\%\srp\na\else\ifnum\@month=9\%\zá\fi\a\else\ifnum\@month=10\%\říj\na\else\ifnum\@month=11\%\listop\adu\else\ifnum\@month=12\%\pros\ince\else<<neznámý měsíc (\the\@month)>>\fi\fi\fi\fi\fi\fi\fi\fi\thesis@year}}\fi\fi\fi\fi\fi\fi

\thesis@czech@authorSignature{Podpis autor\ifthesis@woman ky\else a\fi}
\thesis@czech@advisorSignature{Podpis vedoucího}
\thesis@czech@fieldTitle{Obor}
\thesis@czech@advisorTitle{Vedoucí práce}
\thesis@czech@authorTitle{Autor}
\thesis@czech@abstractTitle{Shrnutí}
\thesis@czech@keywordsTitle{Klíčová slova}
\thesis@czech@thanksTitle{Poděkování}
\thesis@czech@declarationTitle{Prohlášení}
\thesis@czech@summaryTitle{Resumé}
\thesis@czech@idTitle{ID}
\thesis@czech@typeName@sempaper{Seminární práce}
\thesis@czech@typeName@bachelors{Bakalářská práce}
\thesis@czech@typeName@masters{Diplomová práce}
\thesis@czech@typeName@proposal{Teze závěrečné práce}
\thesis@czech@typeName@doctoral{Disertační práce}
\thesis@czech@typeName@rigorous{Rigorózní práce}
\thesis@czech@typeName{%
3.4.3.2 The locale/mu/fithesis-czech.def file

This is the Czech locale file specific to the Masaryk University in Brno. It replaces the universityName placeholder with the correct value and defines the declaration and idTitle strings.
použil\thesis@czech@gender@koncovka\ jen prameny
uvedené v-seznamu literatury.}
\gdef\thesis@czech@assignment{%
\ifthesis@blocks@assignment@hideIfDigital@
Na tomto místě se v-tištěné práci nachází oficiální podepsané
zadání práce.
\else
Místo tohoto listu vložte kopii oficiálního podepsaného zadání
práce.
\fi
\else
Nastavte pomocí klíče <<assignment>> název PDF souboru
soficiálním podepsaným zadáním práce.
\fi
\gdef\thesis@czech@bib@title{Bibliografický záznam}
\gdef\thesis@czech@bib@pages{str}
\global\let\thesis@czech@bib@author\thesis@czech@authorTitle
\gdef\thesis@czech@bib@thesisTitle{Název práce}
\global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
\gdef\thesis@czech@bib@programme{Studijní program}
\global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
\gdef\thesis@czech@bib@academicYear{Akademický rok}
\gdef\thesis@czech@bib@pages{Počet stran}
\gdef\thesis@czech@bib@keywords\thesis@czech@keywordsTitle
\gdef\thesis@czech@idTitle{UČO}

3.4.3.3 The locale/mu/law/fithesis-czech.def file
This is the Czech locale file specific to the Faculty of Law at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value, defines the facultyLongName required by the \thesis@blocks@cover and the \thesis@blocks@titlePage blocks and replaces the abstractTitle string in accordance with the requirements of the faculty.
3.4.3.4 The `locale/mu/fsps/fithesis-czech.def` file

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

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

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

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

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

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

This is the Czech locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the `facultyName` and `abstractTitle` placeholders with the correct values. The locale file also redefines the declaration string in accordance with the requirements of the faculty and defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis-econ.sty` style file.

```
928 \ProvidesFile{fithesis/locale/mu/econ/fithesis-czech.def}[2017/07/09]
929
```
The following extra data field is defined for declaration string:

- advisorCsGenitiv – the advisor's name in genitive following Czech morphology.

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

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

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

This is the Czech locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the declaration string in accordance with the requirements of the faculty.
Na tomto místě se v tištěné práci nachází oficiální podepsané zadání práce a prohlášení autora školního díla.
\else
Místo tohoto listu vložte kopie oficiálního podepsaného zadání práce a prohlášení autora školního díla.
\fi}
\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.}

\provideFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/03/22]

% Zástupné texty
\gdef\thesis@czech@facultyName{Filozofická fakulta}
\gdef\thesis@czech@departmentName{%
\thesis@department%}
\thesis@czech@department\thesis@departments@kisk
Kabinet informačních studií a knihovnictví%
\else
<<Neznámé oddělení (\thesis@department)>>%
\fi}
\gdef\thesis@czech@declaration{%
\thesis@department\thesis@departments@kisk
Prohlašuji, že jsem předkládanou práci zpracoval%
\thesis@czech@gender@koncovka\ samostatně a použil%
\thesis@czech@gender@koncovka\ jen uvedené prameny a-% literaturu. Současně dávám svolení k tomu, aby elektronická verze této práce byla zpřístupněna přes informační systém Masarykovy univerzity.%
\else
Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ} vypracoval\thesis@czech@gender@koncovka\ samostatně s využitím
3.4.3.10 The locale/mu/ped/fithesis-czech.def file

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

\ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2017/10/28]

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

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

\ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2017/06/02]
3.4.3.12 The locale/mu/pharm/fithesis-czech.def file

This is the Czech locale file specific to the Faculty of Pharmacy at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the abstractTitle accordingly with the guidelines of the faculty.

3.4.4 Slovak locale files

3.4.4.1 The locale/fithesis-slovak.def file

This is the base file of the Slovak locale.

The locale file defines all the private macros mandated by the locale file interface. The locale file also defines the \thesis@slovak@gender@koncovka macro, which expands to the correct verb ending based on the value of the \thesis@ifwoman macro and the \thesis@slovak@typeName@akuzativ containing the accusative case of the thesis type name.
Na tomto mieste sa v tlačenej práci nachádza oficiálne podpísané zadanie práce.

Text vyhlášenie ...

% Časové údaje
\thesis@slovak@season\thesis@seasonYear
\thesis@slovak@formattedDate{{
\thesis@day.
\newcount\@month\expandafter\@month\thesis@month\relax
\ifnum\@month=1% januára
\else\ifnum\@month=2% februára
\else\ifnum\@month=3% marca
\else\ifnum\@month=4% apríla
\else\ifnum\@month=5% mája
\else\ifnum\@month=6% júna
\else\ifnum\@month=7% júla
\else\ifnum\@month=8% augusta
\else\ifnum\@month=9% septembra
\else\ifnum\@month=10% októbra
\else\ifnum\@month=11% novembra
\else\ifnum\@month=12% decembra
\else<<neznámý mesiac (\the\@month)>>}}
\fi\fi\fi\fi\fi\fi
\fi\fi\fi\fi\fi\fi
\thesis@year}}

% Rôzne
\thesis@slovak@authorSignature{
Podpis autor\ifthesis@woman ky\else a\fi}
\thesis@slovak@advisorSignature{Podpis vedúceho}
\thesis@slovak@fieldTitle{Odbor}
3.4.4.2 The locale/mu/fithesis-slovak.def file

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

1157 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2018/02/11]

1159 % Zástupné texty
1160 \gdef\thesis@slovak@universityName{Masarykova univerzita}

1161 \gdef\thesis@slovak@declaration{%
1162 Vyhlásim, že som predloženú \thesis@lower{slovak@typeName@akuzativ} vypracoval%
1163 \thesis@slovak@gender@koncovka samostatne len s-použitím
1164 uvedenej literatúry a prameňov.}

1165 \gdef\thesis@slovak@assignment{%
1166 \ifthesis@blocks@assignment@hideIfDigital@
1167 \fi
1168 \ifthesis@digital@
1169 Na tomto mieste sa v-tlačenej prácii nachádza oficiálne
1170 podpísané zadanie práce.
1171 \else
1172 Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
1173 zadania práce.
1174 \fi
1175 \else
1176 Nastavte pomocou klúča <<assignment>> názov súboru PDF
1177 s-oficiálnym podpisaným zadaním práce.
1178 \fi}

1180 % Bibliografický záznam
1181 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
1182 \gdef\thesis@slovak@bib@authorsTitle{Názov práce}
1183 \gdef\thesis@slovak@bib@advisorTitle{Študijný program}
1184 \gdef\thesis@slovak@bib@academicYear{Akademický rok}
1185 \gdef\thesis@slovak@bib@pages{Počet strán}
1186 \gdef\thesis@slovak@bib@keywordsTitle{Rôzne}
1187 \gdef\thesis@slovak@idTitle{UČO}
3.4.4.3 The locale/mu/law/fithesis-slovak.def file

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

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

\gdef\thesis@slovak@abstractTitle{Abstrakt}
\gdef\thesis@slovak@facultyName{Právnická fakulta}
\gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej univerzity}

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

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

\gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
\gdef\thesis@slovak@declaration{\thesis@slovak@typeName@akuzativ vypracoval\thesis@slovak@gender@koncovka samostatne a na základe literatúry a-prameňov uvedených v-použitých zdrojoch.}
\gdef\thesis@slovak@fieldTitle{Špecializácie}

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

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

\gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
\gdef\thesis@slovak@assignment{%
\ifthesis@digital@ Na tomto mieste sa v-tlačenej práci nachádza oficiálne
podpísané zadanie práce alebo vyhlásenie autora školského diela alebo obidve.

\else

Namiesto tejto stránky vložte kópiu oficiálneho podpísaného zadania práce alebo vyhlásenie autora školského diela alebo obidve v-závislosti na požiadavkách príslušnej katedry.

\fi

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

This is the Slovak locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the facultyName and abstractTitle placeholders with the correct values. The locale file also redefines the declaration string in accordance with the requirements of the faculty and defines the private macros required by the \thesis@blocks@bibEntry block defined within the style/mu/fithesis-econ.sty style file.

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

\% Zástupné texty
\gdef\thesis@slovak@facultyName{Ekonomicko-správna fakulta}
\gdef\thesis@slovak@abstractTitle{Anotácie}

The following extra data field is defined for the declaration string:

- advisorSkGenitiv – the advisor’s name in genitive following Slovak morphology.

\thesis@def@extra{advisorSkGenitiv}
\gdef\thesis@slovak@declaration{Vyhlasujem, že som \thesis@lower{slovak@typeName@akuzativ} \thesis@title{} spracoval\thesis@slovak@gender@koncovka samostatne pod vedením \thesis@extra@advisorSkGenitiv\ a uvied\ifthesis@woman la\else ol\fi\ v nnej všetky odborné zdroje v súlade s právnymi predpismi, vnútornými predpismi Masarykovnej univerzity a vnútornými aktmi riadenia Masarykovnej univerzity a Ekonomicko-správnej fakulty MU.}

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

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

\ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2016/03/23]
3.4.4.8 The locale/mu/fi/fithesis-slovak.def file

This is the Slovak locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the declaration string in accordance with the requirements of the faculty.

\ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2021/02/26]

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

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

The locale file also defines the departmentName string, which is used by the style/mu/fithesis-phil.sty style file, when typesetting the names of known departments.

\ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/03/22]
3.4.4.10 The locale/mu/ped/fithesis-slovak.def file

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

This is the Slovak locale file specific to the Faculty of Pharmacy at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the abstractTitle in accordance with the guidelines of the faculty.

Style files define the structure and the look of the resulting document. They live in the style/ subtree and they are loaded during the main routine (see Section 2.4). When creating a new style file, it is advisable to create one self-contained dtx file, which can contain several files to be extracted via the docstrip tool based on the respective ins file. A macro \file{⟨filename⟩} is available for the sectioning of the documentation of various files within the dtx file. For more information about dtx files and the docstrip tool, consult the dtxtut, docstrip, doc and ltxdoc manuals.

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

\thesis@blocks@preamble  
- \thesis@blocks@preamble – If autolayout is enabled, then this macro is expanded at the very beginning of the document.

\thesis@blocks@postamble  
- \thesis@blocks@postamble – If autolayout is enabled, then this macro is expanded at the very end of the document.

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

3.5.2 Base style files

3.5.2.1 The style/fithesis-base.sty file

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

\ProvidesPackage{fithesis/style/fithesis-base}[2018/02/11]

\NeedsTeXFormat{LaTeX2e}

\DeclareRobustCommand\em{
  \@nomath\em \ifdim \fontdimen\@ne\font >\z@
  \eminnershape \else \itshape \fi}

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

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

\ProvidesPackage{fithesis/style/mu/fithesis-mu-base}[2021/05/23]

\NeedsTeXFormat{LaTeX2e}

The file recognizes the following options:

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

\DeclareOption{10pt}{\def\thesis@ptsize{0}}
\DeclareOption{11pt}{\def\thesis@ptsize{1}}
\DeclareOption{12pt}{\def\thesis@ptsize{2}}

- oneside, twoside – The document is going to be either single- or double-sided, respectively. In a double-sided document, headers, page numbering, margin notes and several other elements will be arranged based on the parity of the page. Blank pages will also be inserted prior the beginning of each chapter to ensure that it starts on a right-hand (odd-numbered) page. The \ifthesis@twoside@ conditional is set to either false or true, respectively.

\ifthesis@twoside@
\newif\ifthesis@twoside@
\thesis@twosidefalse
• onecolumn, twocolumn – The document is going to be set in either a single column or in two columns, respectively.

• draft, final – Overfull lines either are or aren’t marked within the document, respectively, and graphics either aren’t or are inserted into the document, respectively.

• palatino, nopalatino – The roman text font family and the math font family is going to be either set to Palatino or left untouched, respectively. The \ifthesis@palatino@ conditional is set to either true or false, respectively. The Palatino font is a part of the visual identity of the Faculty of Informatics at which the document class was created.

• color, monochrome – Certain typographical elements either are or aren’t going to be typeset in color, respectively. The \ifthesis@color@ conditional is set to either true or false, respectively.

• microtype, nomicrotype – The microtypographic extension of modern \TeX\ engines – such as pdf\TeX, \Xe\TeX, or Lua\TeX – is or isn’t going to be enabled, respectively. The \ifthesis@microtype@ conditional is set to either true or false, respectively.

• table, oldtable – If the \ifthesis@newtable@ conditional is true, then the definitions of the \tabular, \tabularx, and \tabu commands either are or aren’t going to be altered to better match the style, respectively. The \ifthesis@newtable@ conditional is set to either true or false, respectively.
The choice of the option name is deliberate – the redefinition of the table environments depends on the \texttt{xcolor} package, which needs to be loaded with the \texttt{table} option. Since so many other packages depend on the \texttt{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 \texttt{xcolor} package before the preamble from the body of the \texttt{fithesis4} class thus breaking the encapsulation. Naming the option \texttt{table} forces the option to be processed by the \texttt{xcolor} package as well and it is therefore an elegant solution to the problem at hand.

\begin{itemize}
  \item \texttt{lot, nolot} – The \texttt{\thesis@blocks@lot} macro will be defined as either \texttt{\listoftables} or \texttt{relax}, respectively. As a side effect, the \texttt{\listoftables} either is or isn't going to be included in the \texttt{\thesis@blocks@tables} block, respectively.

\begin{verbatim}
1370 \DeclareOption{nolot}\{\let\thesis@blocks@lot\relax\}
1371 \DeclareOption{lot}\{\let\thesis@blocks@lot\listoftables\}
\end{verbatim}

  \item \texttt{lof, nolof} – The \texttt{\thesis@blocks@lof} macro will be defined as either \texttt{\listoffigures} or \texttt{relax}, respectively. As a side effect, the \texttt{\listoffigures} either is or isn't going to be included in the \texttt{\thesis@blocks@tables} block, respectively.

\begin{verbatim}
1372 \DeclareOption{nolof}\{\let\thesis@blocks@lof\relax\}
1373 \DeclareOption{lof}\{\let\thesis@blocks@lof\listoffigures\}
\end{verbatim}

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

\begin{verbatim}
1374 \newif\ifthesis@cover\%
1375 \DeclareOption{nocover}\{\thesis@cover\false\}
1376 \DeclareOption{cover}\{\thesis@cover\true\}
\end{verbatim}

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

\begin{verbatim}
1377 \newif\ifthesis@digital\%
1378 \DeclareOption{digital}\{\%
1379 \ExecuteOptions{color,cover}\%
1380 \thesis@digital\true\%
1381 \}\%
1382 \DeclareOption{printed}\{\%
1383 \ExecuteOptions{monochrome,nocover}\%
1384 \thesis@digital\false\%
1385 \}\%
\end{verbatim}

\end{itemize}

These are the default options:

\begin{verbatim}
1384 \ExecuteOptions{%
1385 \texttt{printed,12pt,twoside,final, microtype, palatino, oldtable, lot, lof}}
1386 \ProcessOptions*\%
\end{verbatim}
The file uses English locale strings within the macros.

\thesis@requireLocale{english}

The file loads the following packages:

- \textit{xcolor} – Adds support for color.
- \textit{caption} – Adds support for changing the formatting of float captions.
- \textit{ifxetex} – Used to detect the Xe\TeX{} engine.
- \textit{ifluatex} – Used to detect the Lua\TeX{} engine.
- \textit{graphix} – Adds support for the inclusion of graphics files.
- \textit{pdfpages} – Adds support for the injection of PDF documents into the resulting document, namely the thesis assignment.
- \textit{hyperref} – Adds support for the injection of metadata into the resulting PDF document.
- \textit{keyval} – Adds support for parsing comma-delimited lists of key-value pairs.
- \textit{tabularx} – Provides the tabular\texttt{x} environment, which enables the typesetting of tables with flexible-width columns.
- \textit{tabu} – Provides the tabu environment, which enables the typesetting of complex tables.
- \textit{booktabs} – A package, which allows the creation of publication-quality tables in \LaTeX{}.

\thesis@require{xcolor}
\RequirePackage[labelfont=bf]{caption}
\thesis@require{graphicx}
\thesis@require{pdfpages}
\thesis@require{keyval}
\thesis@require{ifxetex}
\thesis@require{ifluatex}
\thesis@require{tabularx}
\thesis@require{tabu}
\thesis@require{booktabs}
\thesis@require{tikz}

\thesis@microtype@ If the \thesis@microtype@ is set to true, then the microtype package gets loaded.
\thesis@require[final,babel]{microtype}
\fi

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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 XeLaTeX or the LuaLaTeX engine is being used.

```
\ifxetex
\x\global\x\let\x\ifthesis@xeluatex\csname ifxetex\xluatex\\endcsname
\ifluatex\x\x\x\true\else\x\x\x\false\fi\fi
```

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

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

Under XeLaTeX or LuaLaTeX, the \TeX Gyre Pagella and \TeX Gyre Pagella Math fonts are also selected as the main text and math fonts and the \TeX Gyre Heros font is selected as the main sans serif font.

```
\ifthesis@xeluatex
\thesis@require{fontspec}
\thesis@require{unicode-math}
\setmainfont[ Ligatures=TeX ]{ \TeX Gyre Pagella }
\setsansfont[ Ligatures=TeX, Scale=MatchLowercase ]{ \TeX Gyre Heros }
\setmathfont[ math-style=ISO, bold-style=ISO ]{\textgypagellamath.otf}
\else
\RequirePackage[ resetfonts ]{ cmap }
\thesis@require{ lmodern }\fi
```

The following packages get only loaded, when the document is not being typeset using the XeLaTeX or LuaLaTeX 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.
- **tgheros** – Changes the default sans-serif font face to \TeX Gyre Heros.
- **lmodern** – Changes the default sans-serif and monotype font faces to Latin Modern instead of the default Computer Modern font family.
- **fontenc** – The font encoding is set to Cork.

```
\thesis@require{ lmodern }
```
If the \thesis@newtable@ conditional is true, then some of the dimensions associated with tables are modified in preparation for the coloring of the table cells.

\thesis@newtable@old\tabular
\setlength{\aboverulesep}{0pt}
\setlength{\belowrulesep}{0pt}
\setlength{\extrarowheight}{.75ex}

When both the \thesis@newtable@ and \thesis@color@ conditionals are true, then the \texttt{tabular} and \texttt{tabularx} environments are redefined to better match the style of the given faculty.

The \thesis@newtable@old and \thesis@newtable@oldx macros containing the original definition of the \texttt{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 \thesis@newtable@oldtabu macros are defined for the \texttt{tabularx} environment and the \thesis@newtable@oldtabu and \thesis@newtable@oldtabu macros for the \texttt{tabu} environment.
A new conditional, `\ifthesis@bibliography`, is defined. This conditional is true, when `\thesis@bibFiles` expands to a non-empty token list.

The file defines the `\thesis@bibliography@setup{⟨options⟩}` command, where `⟨options⟩` is a comma-delimited list of key-value pairs as defined by the keyval package. The command can be invoked by the subsequently loaded style files to define the bibliography options.

The following key-value pairs are supported:

1. `{⟨style=⟨style⟩⟩}` – Stores `⟨style⟩` in `\thesis@bibliography@style`, unless it has already been defined (presumably by the user).

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

The following extra data field is defined for the macro:

- bibliography – the comma-delimited list of key-value pairs accepted by `\thesis@bibliography@setup`. If the data field was specified, it is immediately passed to `\thesis@bibliography@setup` and it overrides any defaults specified in faculty style files.
When \thesis@bibliography@ is true and \thesis@bibliography@loaded@ is false, the \thesis@bibliography@load macro loads the csquotes and BibLaTeX packages with the bibliography databases specified in \thesis@bibFiles. The macro also sets the \thesis@bibliography@loaded@ conditional to true.

\thesis@bibliography@loaded

1483 \newif\thesis@bibliography@loaded@
1484 \thesis@bibliography@loaded@false
1485 \newif\thesis@bibliography@included@
1486 \thesis@bibliography@included@false
1487 \def\thesis@bibliography@load{%
1488 \ifthesis@bibliography@
1489 \ifthesis@bibliography@loaded@\else
1490 \thesis@bibliography@loaded@true
1491 % Load csquotes and BibLaTeX.
1492 \thesis@require{csquotes}
1493 \thesis@bibliography@style is undefined, the bibliography and citation styles default to iso-numeric. If \thesis@bibliography@sorting is undefined, the sorting scheme defaults to none.
1494 \thesis@bibliography@setup{
1495 style = iso-numeric,
1496 sorting = none}
1497 % FIXME: This is a hotfix for biblatex.
1498 % It should be removed after v3.17 has been released.
1499 % See https://tex.stackexchange.com/a/581469/70941.
1500 \thesis@require[expl3]
1501 \thesis@require[
1502 backend=biber,
1503 style=\thesis@bibliography@style,
1504 sorting=\thesis@bibliography@sorting,
1505 autolang=other,
1506 sortlocale=auto]{biblatex}
1507 % Load the bibliography databases.
1508 \edef\bibList{\thesis@bibFiles}
1509 \def@inject##1,{%
1510 \def\args{##1}\def@relax{\relax}%
1511 \ifx\args@relax\else
1512 % Trim leading spaces.
1513 \edeftrimmed{\romannumeral-\'.##1}%
1514 \addbibresource{trimmed}
1515 \expandafter@inject{fi}%
1516 \expand@inject\bibList,\relax,}%

\thesis@bibliography@included@

The \thesis@bibliography@included@ conditional is true, when the user has manually included a bibliography into their document. The default value of the conditional is false and \printbibliography is patched to set the conditional to true on expansion. This enables the user to place the bibliography manually without it appearing in the autolayout. The original macro is stored in the \thesis@printbibliography@old \thesis@printbibliography@old macro.
In the digital version, the hyperref package is configured to decorate hyperlinks with an underline instead of a rectangular box. In the printed version, the hyperref package is configured to hide links.

Clubs and widows are set to be infinitely bad.

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.

The following key-value pairs are supported:

1. \{links=color\} – Sets the color of hyperref links to color and stores it under the name thesis@color@links. The default color of links is specified by the hyperref package.

2. \{secondary=color\} – Stores the secondary color that is used with the bold type face under the name thesis@color@secondary. The default secondary color for the Masaryk University is RGB 0, 0, 220.

3. \{tableOdd=color\} – Stores the color of the odd rows of the redefined tabular and tabularx environments under the name thesis@color@tableOdd.

4. \{tableEven=color\} – Stores the color of the even rows of the redefined tabular and tabularx environments under the name thesis@color@tableEven.

5. \{tableEmph=color\} – Stores the color of an emphasized cell in a table user under the name thesis@color@tableEmph. This color is meant to be used manually by the user.
The \bfseries macro is redefined to switch to the sans serif type face in the secondary color. The original definition of \bfseries is stored in the \thesis@bfseries@old macro.

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.

The \thesis@blocks@coverMatter macro sets up the style of the cover and the title page of the thesis. This amounts to disabling the page numbering, so that hyperref links do not point to the cover page and the title page instead of the initial pages of the main matter.

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

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.
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.

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

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

\begin{verbatim}
\newcommand{\thesis@blocks@logo}[2]{% 
  \let\@logowidth\relax \newlength\@logowidth 
  \let\@logoheight\relax \newlength\@logoheight 
  \settowidth{\@logowidth}{\includegraphics[##2]{#1}}% 
  \settoheight{\@logoheight}{\includegraphics[##2]{#1}}% 
  \def\@maxwidth##1{\ifdim\@logowidth>##1 ##1\else\@logowidth\fi} 
  \def\@maxheight##1{\ifdim\@logoheight>##1 ##1\else\@logoheight\fi} 
  \includegraphics[width=\@maxwidth{6.3cm}, height=\@maxheight{4cm}, keepaspectratio, #2]{#1}}
\end{verbatim}

The \thesis@blocks@facultyLogo@monochrome{options} macro typesets the \thesis@logopath\thesis@facultyLogo logo with the given options passed to \includegraphics.

\begin{verbatim}
\newcommand{\thesis@blocks@facultyLogo@monochrome}[1]{% 
  \edef\@path{\thesis@logopath\thesis@facultyLogo\ifthesis@color@-color\fi} 
  \expandafter\thesis@blocks@logo\expandafter{\@path}{#1}}
\end{verbatim}

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.

\begin{verbatim}
\newcommand{\thesis@blocks@facultyLogo@color}[1]{% 
  \edef\@path{\thesis@logopath\thesis@facultyLogo\ifthesis@color@\fi} 
  \expandafter\thesis@blocks@logo\expandafter{\@path}{#1}}
\end{verbatim}

The \thesis@blocks@universityLogo@monochrome{options} macro typesets the \thesis@logopath\thesis@universityLogo logo with the given options passed to \includegraphics.

\begin{verbatim}
\newcommand{\thesis@blocks@universityLogo@monochrome}[1]{% 
\end{verbatim}

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

The `\thesis@department@name` and `\thesis@field@name` macros and their English counterparts provide a level of indirection that allows the subsequently loaded style files to parse the values of `\thesis@department` and `\thesis@field` (and their English counterparts) and map them to human-readable names, which will then be typeset.

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

The `\thesis@blocks@advisorSignature` macro produces space for the thesis advisor’s signature.
The `\thesis@blocks@titlePage` macro typesets the thesis title page. The output of the `\thesis@blocks@titlePage` macro is controlled by the following conditionals:

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

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

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

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

\thesis@blocks@seal

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

\thesis@blocks@toc

\thesis@blocks@tables The \thesis@blocks@tables macro typesets the table of contents and optionally the list of tables and the list of figures.

\thesis@blocks@tables
The \thesis@blocks@declaration macro typesets the declaration text.
\begin{verbatim}
\thesis@blocks@declaration{\chapter*{\thesis@@{declarationTitle}}\thesis@declaration}
\end{verbatim}

The \thesis@blocks@thanks macro typesets the acknowledgements, if the \thesis@thanks macro is defined. Otherwise, the macro produces no output.
\begin{verbatim}
\thesis@blocks@thanks{\ifx\thesis@thanks\undefined\else\thesis@blocks@clear\begin{alwayssingle} \chapter*{\vspace*{\fill}\thesis@@{thanksTitle}}\thesis@thanks\end{alwayssingle}\fi}
\end{verbatim}

The \thesis@blocks@abstract macro typesets the abstract.
\begin{verbatim}
\thesis@blocks@abstract{% \thesis@blocks@clear\begin{alwayssingle} \vskip 40 \p@ \thesis@blocks@clear\relax \chapter*{\thesis@@{abstractTitle}}\thesis@abstract\par\vfil\null \end{alwayssingle}}
\end{verbatim}

The \thesis@blocks@abstractEn macro typesets the abstract in English. If the current locale is English, the macro produces no output.
\begin{verbatim}
\thesis@blocks@abstractEn{% \thesis@selectLocale{english}\thesis@blocks@clear\relax \chapter*{\thesis@@{abstractTitle}}\thesis@abstractEn\par\vfil\null \end{alwayssingle}}
\end{verbatim}

The \thesis@blocks@keywords macro typesets the keywords.
\begin{verbatim}
\thesis@blocks@keywords{%}
\end{verbatim}
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}{\let\thesis@blocks@clear\relax}\chapter*{\vspace*{\fill}\thesis@english@keywordsTitle}\noindent\leavevmode\thesis@keywordsEn\end{alwayssingle}\fi}

The \thesis@rewind macro rewinds the page numbers by either one or two pages, depending on whether one-side or two-side typesetting is enabled, respectively.

\def\thesis@rewind{\addtocounter{page}{-\ifthesis@twoside@2\else1\fi}}

The \thesis@blocks@assignment macro produces a different output depending on the values of the \thesis@assignmentFiles, \thesis@blocks@assignment@, \thesis@blocks@assignment@hideIfDigital@, and \thesis@digital macros.

\ifthesis@blocks@assignment@ The default value of the \thesis@assignmentFiles macro is undefined, then typeset a placeholder page.

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

\ifthesis@blocks@assignment@\thesis@blocks@assignmentFiles\undefined
% Rewind the pages and typeset a placeholder page.
\thesis@blocks@clear\begin{alwayssingle}\thispagestyle{empty}\thesis@rewind\noindent\textit{\thesis@@{assignment}}\end{alwayssingle}\else\@inject% Locally define \@inject as our routine for injecting lists of PDF documents.
\edef\@pdfList{\thesis@assignmentFiles}\let\ea\expandafter67
\end{document}
\def\@inject##1,\{\thesis@blocks@clear
\def\@args{##1}\def\@relax\relax%
\ifx\@args\@relax\else
% Trim leading spaces.
\edef\@trimmed{\romannumeral-'.##1}\
% Rewind the pages and include the PDF.
\thesis@rewind\includepdf[pages=-]\@trimmed
\ea\@inject\fi}%

If the \ifthesis@blocks@assignment@ conditional is true and the \thesis@assignmentFiles macro is neither undefined nor empty, then typeset a placeholder page, if the \ifthesis@digital@ conditional is true and the \thesis@blocks@assignmane@hideIfDigital@ conditional is true
\ife\@pdfList\empty\else
\ifthesis@digital@
\ifthesis@blocks@assignment@hideIfDigital@
\thesis@blocks@clear
\begin{alwayssingle}\
\thispagestyle{empty}\thesis@rewind
\noindent\textit{\thesis@@{assignment}}\%
\end{alwayssingle}\
\thesis@blocks@clear
\setcounter{page}{1}
\pagenumbering{arabic}
\pagestyle{thesisheadings}
\parindent 1.5em\relax%
\fi
\else
\ea\@inject\@pdfList,\relax,\%
\fi
\else
\ea\@inject\@pdfList,\relax,\%
\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}
\pagernumber{arabic}
\pagestyle{thesisheadings}
\parindent 1.5em\relax%

\thesis@blocks@bibEntry The \thesis@blocks@bibEntry macro typesets a bibliographical entry. Along with the macros required by the locale file interface, the locale files need to define the following strings:
- `bib@title` – The title of the entire block
- `bib@pages` – The abbreviation of pages used in the bibliographical entry

```latex
\def\thesis@blocks@bibEntry{\
  \chapter*{\thesis@@{bib@title}}\
  \% Calculate the width of the columns\
  \let@A\relax\newlength{\@A}\settowidth{\@A}{\bf\thesis@@{bib@author}:}\
  \let@B\relax\newlength{\@B}\settowidth{\@B}{\bf\thesis@@{bib@thesisTitle}:}\
  \let@C\relax\newlength{\@C}\settowidth{\@C}{\bf\thesis@@{bib@programme}:}\
  \let@D\relax\newlength{\@D}\settowidth{\@D}{\bf\thesis@@{bib@field}:}\
  \let@E\relax\newlength{\@E}\settowidth{\@E}{\bf\thesis@@{bib@advisor}:}\
  \let@F\relax\newlength{\@F}\settowidth{\@F}{\bf\thesis@@{bib@academicYear}:}\
  \let@G\relax\newlength{\@G}\settowidth{\@G}{\bf\thesis@@{bib@pages}:}\
  \let@H\relax\newlength{\@H}\settowidth{\@H}{\bf\thesis@@{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\
  \noindent\begin{thesis@newtable@old}%
    \{@{}p{\@left}@{\hskip\@skip}p{\@right}@{}}
    \textbf{\thesis@@{bib@author}:} & \thesis@author
    \thesis@@{facultyName} \thesis@@{universityName}\thesis@department@name
    \textbf{\thesis@@{bib@thesisTitle}:} & \thesis@title
    \textbf{\thesis@@{bib@programme}:} & \thesis@programme
    \textbf{\thesis@@{bib@field}:} & \thesis@field
    \textbf{\thesis@@{bib@advisor}:} & \thesis@advisor
    \textbf{\thesis@@{bib@academicYear}:} & \thesis@academicYear
  \end{thesis@newtable@old}%}
\end{thesis@blocks@bibEntry}
```
% Calculate the width of the columns
\let\@A\relax\newlength{\@A}\settowidth{\@A}{{\bf\thesisenglishbibauthor:}}
\let\@B\relax\newlength{\@B}\settowidth{\@B}{{\bf\thesisenglishbibthesisTitle:}}
\let\@C\relax\newlength{\@C}\settowidth{\@C}{{\bf\thesisenglishbibprogramme:}}
\let\@D\relax\newlength{\@D}\settowidth{\@D}{{\bf\thesisenglishbibfield:}}
\let\@E\relax\newlength{\@E}\settowidth{\@E}{{\bf\thesisenglishbibadvisor:}}
\let\@F\relax\newlength{\@F}\settowidth{\@F}{{\bf\thesisenglishbibacademicYear:}}
\let\@G\relax\newlength{\@G}\settowidth{\@G}{{\bf\thesisenglishbibpages:}}
\let\@H\relax\newlength{\@H}\settowidth{\@H}{{\bf\thesisenglishbibkeywords:}}
\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
\noindent\begin{thesisnewtableold}{@{}p{\@left}@{\hskip\@skip}p{\@right}@{}}
\textbf{\thesisenglishauthorTitle:} &
\parbox[t]{\@right}{\thesisauthor\thesisenglishfacultyName \thesisenglishuniversityName \thesisdepartmentEnName}
\textbf{\thesisenglishbibthesisTitle:} & \thesistitleEn
\textbf{\thesisenglishbibprogramme:} & \thesisprogrammeEn
\textbf{\thesisenglishbibfield:} & \thesisfieldEn
\textbf{\thesisenglishbibadvisor:} & \thesisadvisor
\end{thesisnewtableold}
\thesis@blocks@bibliography

When `\ifthesis@bibliography@loaded@` is true and `\ifthesis@bibliography@included@` false, then the `\thesis@blocks@bibliography` macro typesets a bibliography via the Bib\TeX package. Otherwise, this macro produces no output.

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

\setcounter{tocdepth}{2}
\setcounter{secnumdepth}{2}
\input\thesis@stylepath mu/fithesis-mu-\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{71}}}

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\hfil\textsc{rightmark}}\%  
\vskip 4pt\hrule}}  
\if@twoside  
\def\@evenhead{%  
\vbox{%  
\hbox to \textwidth{%  
\textsc{rightmark}}%  
\hfil}  
\vskip 4pt\hrule}}  
\else  
\let\@evenhead\@oddhead  
\fi  
\def\@oddfoot{\hfil\textsc{thesis}\textit{page}\pageref{thechapter}}  
\if@twoside  
\def\@evenfoot{\textsc{thesis}\textit{page}\pageref{thechapter}\hfil}%  
\else  
\let\@evenfoot\@oddfoot  
\fi  
\let\@mkboth\markboth}  
\let\ps@headings\ps@thesisheadings  
\let\ps@myheadings\ps@thesisheadings  
% Redefine the style of the chapter headings.  
\renewcommand*{\chapter}{{}  
\thesis@blocks@clear  
\thispagestyle{plain}\%  
\global\@topnum\z@  
\@afterindentfalse  
\secdef\@chapter\@schapter}  
% Redefine the style of part headings.  
\renewcommand*{\part}{{}  
\thesis@blocks@clear  
\if@twocolumn\onecolumn\fi\%  
\@tempswatrue\vfil\%  
\secdef\@part\@spart}  
% A macro for temporary multicol -> singlecol switching.  
\newif\if@restonecol\%  
\def\alwayssingle{%  
\@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi\}  
\def\endalwayssingle{%  
\if@restonecol\twocolumn\fi\}  
\def\alwayssingle{%  
\@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi\}  
\def\endalwayssingle{%  
\if@restonecol\twocolumn\fi\}  
% Disable uppercasing in PDF strings.  
\setlength\parindent{0pt}
\pdfstringdefDisableCommands{
\let\MakeUppercase\relax}
1984 \bfseries % chapter (0)
1985 \slshape % section (1)
1986 \rmfamily % subsection (2), subsubsection (3)
1987 \itshape % paragraph, subparagraph (4)
1988 \fi
1989 \bfseries % chapter (0)
1990 \slshape % section (1)
1991 \rmfamily % subsection (2), subsubsection (3)
1992 \itshape % paragraph, subparagraph (4)
1993 \fi
1994 \bfseries % chapter (0)
1995 \slshape % section (1)
1996 \rmfamily % subsection (2), subsubsection (3)
1997 \itshape % paragraph, subparagraph (4)
1998 \fi
1999 \bfseries % chapter (0)
2000 \slshape % section (1)
2001 \rmfamily % subsection (2), subsubsection (3)
2002 \itshape % paragraph, subparagraph (4)
2003 \fi
2004 \bfseries % chapter (0)
2005 \slshape % section (1)
2006 \rmfamily % subsection (2), subsubsection (3)
2007 \itshape % paragraph, subparagraph (4)
2008 \bfseries % chapter (0)
2009 \slshape % section (1)
2010 \rmfamily % subsection (2), subsubsection (3)
2011 \itshape % paragraph, subparagraph (4)
2012 \bfseries % chapter (0)
2013 \slshape % section (1)
2014 \rmfamily % subsection (2), subsubsection (3)
2015 \itshape % paragraph, subparagraph (4)
2016 \bfseries % chapter (0)
2017 \slshape % section (1)
2018 \rmfamily % subsection (2), subsubsection (3)
2019 \itshape % paragraph, subparagraph (4)
2020 \bfseries % chapter (0)
2021 \slshape % section (1)
2022 \rmfamily % subsection (2), subsubsection (3)
2023 \itshape % paragraph, subparagraph (4)
2024 \bfseries % chapter (0)
2025 \slshape % section (1)
2026 \rmfamily % subsection (2), subsubsection (3)
2027 \itshape % paragraph, subparagraph (4)
2028 \bfseries % chapter (0)
2029 \slshape % section (1)
2030 \rmfamily % subsection (2), subsubsection (3)
2031 \itshape % paragraph, subparagraph (4)
2032 \bfseries % chapter (0)
2033 \slshape % section (1)
2034 \rmfamily % subsection (2), subsubsection (3)
2035 \itshape % paragraph, subparagraph (4)
3.5.2.3 The style/mu/fithesis-10.clo file

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

\ProvidesFile{fithesis/style/mu/fithesis-mu-11.clo}[2021/02/21]
3.5.2.5 The style/mu/fithesis-12.clo file

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

\thesis@titlePage@normalsize – Equivalent to \normalsize
\thesis@titlePage@small – Equivalent to \small
\thesis@titlePage@footnotesize – Equivalent to \footnotesize
\thesis@titlePage@scriptsize – Equivalent to \scriptsize
\thesis@titlePage@tiny – Equivalent to \tiny
\thesis@titlePage@large – Equivalent to \large
\thesis@titlePage@Large – Equivalent to \Large
\thesis@titlePage@huge – Equivalent to \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.

\ProvidesFile{fithesis/style/mu/fithesis-mu-12.clo}[2021/02/21]
\def\thesis@titlePage@normalsize\normalsize
\def\thesis@titlePage@small\small
\def\thesis@titlePage@footnotesize\footnotesize
\def\thesis@titlePage@scriptsize\scriptsize
\def\thesis@titlePage@tiny\tiny
\def\thesis@titlePage@large\large
\def\thesis@titlePage@Large\Large
\def\thesis@titlePage@huge\huge
\def\thesis@titlePage@Huge\Huge
\textwidth 5.0truein
\columnsep 10pt
\columnseprule 0pt
\footnotesep 8.4pt
\parskip 0pt plus 0pt
\partopsep 3pt plus 2pt minus 2pt
\def\@makechapterhead#1{{% 
\setlength\parindent{\z@}% 
\setlength\parskip \{\z@\}% 
\Large \ ChapFont 
\ifnum \c@sectiondepth >\m@ne 
\par\nobreak 
\vskip 10\p@ 
\thechapter{} \space 
\fi 
\nobreak 
\vskip 20\p@}}
\def\@listi{\leftmargin\leftmargini\labelwidth\leftmargini\advance\labelwidth-\labelsep
\topsep 4.5\p@ plus2\p@ minus\p@
\parsep 2\p@ plus\p@ minus\p@
\itemsep \parsep}
\let\@listii\@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
\topsep 5\p@ plus2.5\p@ minus\p@
\parsep 5\p@ plus2.5\p@ minus\p@
\itemsep 5\p@ plus2.5\p@ minus\p@}
\def\@listv{\leftmargin\leftmarginv\labelwidth\leftmarginv\advance\labelwidth-\labelsep
\topsep 5\p@ plus2.5\p@ minus\p@
\parsep 5\p@ plus2.5\p@ minus\p@
\itemsep 5\p@ plus2.5\p@ minus\p@}
\def\@listvi{\leftmargin\leftmarginvi\labelwidth\leftmarginvi\advance\labelwidth-\labelsep
\topsep 5\p@ plus2.5\p@ minus\p@
\parsep 5\p@ plus2.5\p@ minus\p@
\itemsep 5\p@ plus2.5\p@ minus\p@}
\let\@listI\@listI
\@listI
3.5.3 The style files of the Faculty of Informatics

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

This is the style file for the theses written at the Faculty of Informatics at the Masaryk University in Brno. It has been prepared in accordance with the faculty directive 1.

\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-mu-fi}[2021/04/24]

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

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

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

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

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

\ifx\thesis@type\thesis@rigorous
  \thesis@blocks@assignment@false
\else\ifx\thesis@type\thesis@doctoral
  \thesis@blocks@assignment@false
\fi\fi
\thesis@blocks@declaration

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

\def\thesis@blocks@declaration{%
  \thesis@blocks@clear
  \begin{alwayssingle}
  \chapter*{\thesis@@{declarationTitle}}
  \thesis@declaration

\}
In Ph.D. theses, only the table of contents will be typeset in the front matter as per the formal requirements of the faculty\textsuperscript{2}.

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

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

3.5.4 The style files of the Faculty of Science

3.5.4.1 The style/mu/fithesis-sci.sty file

This is the style file for the theses written at the Faculty of Science at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty\textsuperscript{3}.

\begin{verbatim}
2476 \def\thesis@blocks@preamble{%
2477 \thesis@blocks@coverMatter
2478 \thesis@blocks@cover
2479 \thesis@blocks@frontMatter
2480 \thesis@blocks@titlePage
2481 \thesis@blocks@seal
2482 \ifx\thesis@type\thesis@proposal
2483 \thesis@blocks@toc
2484 \else
2485 \thesis@blocks@declaration
2486 \thesis@blocks@thanks
2487 \thesis@blocks@clear
2488 \thesis@blocks@abstract
2489 \thesis@blocks@keywords
2490 \thesis@blocks@tables
2491 \fi}
2492 \def\thesis@blocks@postamble{%
2493 \thesis@blocks@bibliography}
\end{verbatim}

\textsuperscript{2}See http://is.muni.cz/www/2575/dtedi/index_en.html
\textsuperscript{3}See https://is.muni.cz/auth/do/sci/normy/00/00-2019_3/00_3_2019_-_Pokyny_pro_vypracovani_bc_dipl_a_rigor.praci.pdf

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

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

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

```latex
\thesis@bibliography@setup{
  style=iso-numeric,
  sorting=none}
```

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

```latex
\thesis@blocks@titlePage@field@false
\thesis@blocks@titlePage@programme@false
\thesis@blocks@assignment@hideIfDigital@false
```

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.

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

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.

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

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

```latex
\def\thesis@blocks@preamble{%
  \thesis@blocks@coverMatter
  \thesis@blocks@cover
  \thesis@blocks@frontMatter
  \thesis@blocks@titlePage
  \thesis@blocks@seal
  \ifx\thesis@type\thesis@proposal
```

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3.5.5 The style files of the Faculty of Arts

3.5.5.1 The style/mu/fithesis-phil.sty file

This is the style file for the theses written at the Faculty of Arts at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the department of Slavonic Studies\(^4\).

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

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

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

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

\thesis@bibliography@setup{
  style=iso-authoryear,
  sorting=nty}

\thesis@bibliography@load

The style file parses the value of the `\thesis@department` macro and recognizes the following divisions of the Faculty of Arts:

- **kisk** – The Division of Information and Library Studies \(^5\) (KISK)

```
\def\thesis@departments@kisk{kisk}
```

Along with the macros required by the locale file interface, the locale files need to define the following macros:

- **departmentName** – The human-readable name of the given recognized division.

```
\ifx\thesis@department\thesis@departments@kisk
  \def\thesis@department@name{\thesis@@{departmentName}}
  \def\thesis@departmentEn@name{\thesis@english@departmentName}
\fi
```

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

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

```
\def\thesis@blocks@preamble{%
  \thesis@blocks@coverMatter
  \thesis@blocks@cover
  \thesis@blocks@frontMatter
  \thesis@blocks@titlePage
  \thesis@blocks@seal
}
```

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

```
\ifx\thesis@department\thesis@departments@kisk
  \thesis@blocks@bibEntry
  \thesis@blocks@abstract
  \thesis@blocks@bibEntryEn
  \thesis@blocks@abstractEn
\fi
\thesis@blocks@declaration
\thesis@blocks@thanks
```

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

```
\ifx\thesis@department\thesis@departments@kisk
  \thesis@blocks@toc
\else
  \thesis@blocks@tables
\fi
```

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

3.5.6 The style files of the Faculty of Education

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

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

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

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

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

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

3.5.7 The style files of the Faculty of Social Studies

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

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. It has been prepared in accordance with the MS template of the faculty.\footnote{See \url{https://is.muni.cz/auth/do/fss/sablona_zaverecne_prace/sablonaDP-MUNI-FSS.dotx}}

\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-mu-fss}[2021/04/24]

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

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

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

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

\thesis@blocks@frontMatter

\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}
  \pagernumbering{roman}}

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

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

\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithESIS/style/mu/fithesis-mu-law}[2021/07/18]

3.5.8 The style files of the Faculty of Law

3.5.8.1 The style/mu/fithesis-law.sty file

This is the style file for the theses written at the Faculty of Law at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty\textsuperscript{8}.

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

\thesis@color@setup{
  links={HTML}{CF86EB},
  tableEmph={HTML}{D39BE8},
  tableOdd={HTML}{F2EBF5},
  tableEven={HTML}{E5CCED}}

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

\thesis@bibliography@setup{
  style=iso-authortitle,
  sorting=nyt}

\thesis@bibliography@load

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

The style file configures the upper part of the title page headers to include the name of the department and the study field which are by default in the bottom part of the title page.

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

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

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

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

3.5.9 The style files of the Faculty of Economics and Administration

3.5.9.1 The style/mu/fitthesis-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\footnote{See https://is.muni.cz/auth/do/econ/uredni_deska/predpisy_ESF/smrnicky/smrnicky_dekana/94383996/ and https://is.muni.cz/auth/do/econ/uredni_deska/predpisy_ESF/smrnicky/smrnicky_dekana/104768134/}.

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

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

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

\texttt{\thesis@bibliography@setup{\style\{iso-authoryear\}, \sorting\{nty\}}}

The file loads the following packages:

- \texttt{tikz} – Used for dimension arithmetic.
- \texttt{geometry} – Allows for modifications of the type area dimensions.
- \texttt{array} – Enables \texttt{<\{\{\text{decl.}\}\} and \texttt{>\{\{\text{decl.}\}\}} declarations in table preambles.

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

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

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

\texttt{\thesis@blocks@assignment@hideIfDigital\{false\}}

\thesis@blocks@titlePage@field\{false\}

\thesis@blocks@cover

The \texttt{\thesis@blocks@cover} macro typesets the cover page. Compared to the definition within the \texttt{style/mu/base.sty} file, this macro does not include the title of the thesis, and typesets the name of the author at the bottom of the page.

\texttt{\thesis@xpatch\thesis@blocks@cover\{\fill\{\text{\bf\thesis@titlePage@Huge\thesis@TeXtitle\par}\}}}

\thesis@blocks@cover
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.

\thesis@blocks@frontMatter

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

\thesis@blocks@mainMatter

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

\thesis@blocks@tables

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.

\thesis@blocks@clear

\thesis@blocks@lot

\thesis@blocks@lof

\thesis@blocks@clear
\thesis@blocks@declaration

The \thesis@blocks@declaration macro typesets the declaration text. Unlike the generic \thesis@blocks@declaration macro from the style/mu/fithesis-sci.sty file, this definition includes the date and a blank line for the author's signature, as per the requirements of the faculty.

\thesis@blocks@keywords

The \thesis@blocks@abstract macro typesets the abstract. This definition typesets the abstract on the same page.

\thesis@blocks@keywords

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

\begin{verbatim}
def\thesis@blocks@keywordsEn{\ifthesis@english\else
\begin{always}
\vskip 20\p@\
\let\thesis@blocks@clear\relax
\chapter*{(\thesis@english@keywordsTitle)}
\noindent\thesis@TeXkeywordsEn
\end{always}\fi}
\end{verbatim}

The `\thesis@blocks@summary` macro typesets the summary for doctoral theses. If the thesis type is not doctoral, the macro produces no output.

\begin{verbatim}
def\thesis@blocks@summary{\thesis@blocks@clear
\chapter*{\thesis@@summaryTitle}
\noindent\thesis@extra@summary
\end{always}
\end{verbatim}

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

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

\begin{verbatim}
def\thesis@blocks@preamble{\thesis@blocks@coverMatter\thesis@blocks@cover\thesis@blocks@frontMatter\thesis@blocks@titlePage\thesis@blocks@seal\thesis@blocks@bibEntry\thesis@blocks@abstract\thesis@blocks@bibEntryEn\thesis@blocks@abstractEn\thesis@blocks@declaration\thesis@blocks@thanks\thesis@blocks@toc\thesis@blocks@tables}
\end{verbatim}
All blocks within the autolayout postamble that are not defined within this file are defined in the style/mu/base.sty file.

```
def\thesis@blocks@postamble{
  \ifx\thesis@doctoral\thesis@type\thesis@blocks@summary\else\fi
  \thesis@blocks@bibliography
}
```

3.5.10 The style files of the Faculty of Medicine

3.5.10.1 The style/mu/fithesis-med.sty file

This is the style file for the theses written at the Faculty of Medicine at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty. The file defines the color scheme of the respective faculty. Note the the color definitions are in RGB, which makes the resulting files generally unsuitable for printing.

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-mu-med}[2021/07/18]
```

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

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

```
\thesis@bibliography@setup{%
  style=authortitle,
  sorting=ynt}
```

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

```
\if\thesis@bibliography@loaded@
\DeclareNameAlias{sortname}{last-first}
\renewcommand*{\revsdnamepunct}{}
\DeclareFieldFormat[article,inbook,incollection,inproceedings,patent,thesis,unpublished]{title}{{#1\isdot}}
\renewbibmacro{in:}{}
\DeclareFieldFormat{pages}{#1}
\renewcommand*{\bibpagespunct}{\addcolon}
\DeclareFieldFormat{journaltitle}{\addcolon}
\fi
```

The file loads the following packages:

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

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

The style file configures the upper part of the title page headers to include the the name of the department and the study programme which are by default in the bottom part of the title page. Upon failure of the `xpatchcmd`, \thesis@xpatchError is called.
\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.

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

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

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

\def\thesis@blocks@preamble{%
thesis@blocks@coverMatter
thesis@blocks@cover
thesis@blocks@frontMatter
thesis@blocks@titlePage
thesis@blocks@seal
thesis@blocks@clear
pagestyle{plain}
\setcounter{page}{1}
thesis@blocks@declaration
thesis@blocks@clear
thesis@blocks@abstract
thesis@blocks@Keywords
thesis@blocks@clear
thesis@blocks@abstractEn
thesis@blocks@KeywordsEn
thesis@blocks@thanks
thesis@blocks@tables%
\def\thesis@blocks@postamble{%
thesis@blocks@bibliography}

3.5.11 The style files of the Faculty of Sports Studies

3.5.11.1 The style/mu/fithesis-fsps.sty file

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty\textsuperscript{11}.

\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-mu-fsps}[2021/07/18]

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

\thesis@color@setup{
links={(HTML)(93BCF5),
tableEmph={(HTML){ABBDE3},
tableOdd={(HTML){EBEFF5},
tableEven={(HTML){D1DABE}}}

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

\textsuperscript{11}See https://is.muni.cz/auth/do/fsps/fak_predpisy/smernice-dekana/2020-03_Smernice_pokyny_vypracovani_ZP_bc-mgr-rig.pdf
The file loads the following packages:

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

In addition to this, the type area width is set to 14 cm in accordance with the formal requirements of the faculty.

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

---

**\thesis@blocks@frontMatter**

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

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

**\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.

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

**\thesis@blocks@bibliography**

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

```latex
\def\thesis@blocks@bibliography{% 
  \ifthesis@bibliography@loaded@ 
    \ifthesis@bibliography@included@ 
      \singlespacing
    \else
      \doublespacing
    ```
The \thesis@blocks@declaration macro typesets the declaration text. Unlike the generic \thesis@blocks@declaration macro from the style/mu/fithesis-sci.sty file, this definition includes the date and a blank line for the author’s signature, as per the requirements of the faculty.

Along with the macros required by the locale file interface, the locale files need to define the following macros:

- \thesis@locale@authorSignature – The label of the author’s signature field
- \thesis@locale@formattedDate – A formatted date

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

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.
3.5.12 The style files of the Faculty of Pharmacy

3.5.12.1 The style/mu/fithesis-pharm.sty file

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

\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{fithesis/style/mu/fithesis-mu-pharm}[2018/06/11]

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

\thesis@color@setup{
  links={HTML}{A0B9C5},
  tableEmph={HTML}{B0C3CF},
  tableOdd={HTML}{EFF3F6},
  tableEven={HTML}{D6E1E6}}

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

\thesis@bibliography@setup{
  style=iso-authoryear,
  sorting=nty}

The file loads the following packages:

- \texttt{tikz} – Used for dimension arithmetic.
- \texttt{geometry} – Allows for modifications of the type area dimensions.
- \texttt{setspace} – Used for setting space.

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

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

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

\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.

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

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

All blocks within the autolayout postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.
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Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

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\NeedsTeXFormat
\newcommand
\newcount
\newgeometry
\newif
\newlength
\newpage
\newunit
\nobreak
\noexpand
\noindent
\normalfont
\normalsize
\null
\numberline
\oddsidemargin
\onecolumn
\onehalfspacing
O
\p@
\PageFont
111
Change History

v0.0

General: bachelor project of Daniel Marek under supervision of Petr Sojka

v0.0a

General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for
thesis writing .............................. 1

v0.1
  General: new release, documentation editing (CZ only, sorry) [PS] .............................. 1

v0.1a
  General: minor documentation changes (CZ only, sorry) [PS] .............................. 1

v0.1b
  General: change of default size (11pt→12pt) [JP] .............................. 1

v0.1c
  General: default values of \ facultyn ame and \ @thesissubtitle set for backward compatibility) [PS] .............................. 1

v0.1d
  General: removed def schapter from fit1*.clo [JP] .............................. 1

v0.1e
  General: add Brno to MU title [JP] .............................. 1

v0.1f
  General: add documentation for hyperref [JP] .............................. 1

v0.1g
  General: change of default size (12pt→11pt) [JP] .............................. 1

v0.2.00
  General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP] .............................. 1

v0.2.01
  General: add subsubsection to toc [JP] .............................. 1

v0.2.02
  General: fix encoding bug [JP] .............................. 1

v0.2.03
  General: fix title spacing [PS, JP] .............................. 1

v0.2.04
  General: fix SK declaration [Peter Cerensky, JP] .............................. 1

v0.2.05
  General: add English abstract [JP] .............................. 1

v0.2.06
  General: fix : behind Advisor [JP] .............................. 1

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] .............................. 1

v0.2.08
  General: add change of University name [JP] .............................. 1

v0.2.09
  General: add EN version of University name [JP] .............................. 1

v0.2.10
  General: fix EN name of Acknowledgement [JP] .............................. 1

v0.2.11
  General: fix missing fi-logo.mf [JP] .............................. 1

v0.2.12
  General: Licence change to the LPPL [JP] .............................. 1

v0.2.12a
  General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. http://github.com/liskin/fithesis .............................. 1

v0.3.00
  General: fi logo is no longer special-cased (added eps and PDF), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typo elements [VN] .............................. 1

v0.3.01
  General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added PDF metadata stamping support [VN] .............................. 1

v0.3.02
  General: PDF metadata stamping added for \thesistitle and \thesisstudent [VN] .............................. 1

v0.3.03
  General: Small fixes (added \ relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles.
Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] ............................ 1
v0.3.04
General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN] ......... 1
v0.3.05
General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodeLineIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) ................. 1
v0.3.06
General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN] ................................. 1
v0.3.07
General: Replaced the \thesiswoman command with \thesisgender. [VN] ............... 1
v0.3.08
General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18) Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17) ............................ 1
v0.3.09
General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] ............................ 1
v0.3.10
General: Fixed a typo in the technical documentation. Updated the 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] ................................. 1
v0.3.11
General: Added hyphenation into the technical documentation. Fixed an unterminated group. Polished the text of the guide. Added the palatino and nopalatino options. Stylistic changes to the text of the technical documentation. \thesis@subdir is now robust against relative paths. Accounted for French spacing in the guide. Fixed the thesis@english@facultyName string. Documentation refinements. [VN] ................................. 1
v0.3.12
General: The subsections and subsubsections now use the correct tocdepth. [VN] ............... 1
v0.3.13
General: Fixed an inconsistency in the example code. Removed an
extraneous
\thesis@blocks@clear block within the definition of \thesis@blocks@frontMatter in the fss style file. Added comments, fixed clubs and widows and removed text overflows within the user guides. Adjusted the colors of various style files. Removed the trailing dot in the bibliographic identification within the med and ped style files. Fixed a typo within the technical documentation. Fixed the twoside alignment of the \thesis@blocks@bibEntry and the \thesis@blocks@bibEntryEn blocks within the sci style file. The \thesis@blocks@assignment block no longer clears a page when nothing is inserted. It is also no longer hard-coded to be hidden for rigorous theses. Instead, the \ifthesis@blocks@assignment conditional can be set either by the subsequently loaded style files or by the user. So far, only the fi and sci style files set the conditional. [VN] ......... 1

v0.3.16

General: Clubs and widows are now set to be infinitely bad. The assignment key has weaker, but more robust semantics now. [VN] .................. 1

v0.3.17

General: Changed a forgotten \thesis@@lower{...} invocation in the definition of \thesis@czech@declaration for the Faculty of Arts into \thesis@lower{czech@...}, so that the macro always expands to the correct output regardless of the current locale. This is merely a matter of consistency, since the style file of the Faculty of Arts only uses Czech strings within the Czech locale. Removed an extraneous comment. Fixed a unit test. Fixed a changelog entry. [VN] .. 1

v0.3.18

General: A bulk of changes required to submit the document class to CTAN: Changed the structure of the output fithesis3.ctan.zip archive. Updated the license notice. Added a README file. Canonicalized a url within the user guides. Renamed the root directory from fithesis3/ to fithesis/. Refactored the makefiles. Added developer example files. Renamed docstrip.cfg to LICENSE. tex to better describe its role. The fithesis.dtx file now generates a VERSION. tex file containing the version of the package, when it's being typeset. Flattened the logo/ directory structure. [VN] ...... 1
v0.3.19
General: Updated the license. Added the fithesis- prefix to locale files. 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] ............... 1

v0.3.20
General: Removed an extraneous \hypersetup option to eliminate a warning. Performed several minor Makefile updates. Updated the technical documentation. [VN] ............... 1

v0.3.21
General: Fixed an invalid font name. [VN] ............... 1

v0.3.22
General: Updated the link colors in the style of the Faculty of Economics and Administration at the Masaryk University in Brno and fixed the title page leading in the style of the Faculty of Science at the Masaryk University in Brno. [VN] ............... 1

v0.3.23
General: Fixed a typo in the Slovak locale. [VN] ............... 1

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] ............... 1

v0.3.25
General: The example documents from the example directory are now a part of the CTAN archive. Additional information were inserted into the guide and to the example files. [VN] .. 1

v0.3.26
General: Updated the example documents and the user guide. Fixed a typo in the description of \thesis@season. [VN] ..... 1

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] ..... 1

v0.3.27:2
General: \thesis@selectLocale is

123
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
diffs 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] . . . . . . . . . . . . . . . . . . . . 1

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] . . . . . . . . . . . . . . . . . . . . 1

v0.3.27:4
General:
\thesis@english@declaration
now uses the correct idiom (by
one’s own → on one’s own).

[vN] . . . . . . . . . . . . . . . . . . . . 1

v0.3.27:5
General: The PDF bookmarks are
no longer garbled, when the
LuaTeX engine is used. [VN] . . . 1

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] . . . . . . . . . . . . . . . . . . . . 1

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] . . . . . . . . . . . . 1

v0.3.29:1
General: The initial pages of the
styles of the Masaryk
University in Brno are no
longer page-numbered, so that
hyperref links work correctly.

[vN] . . . . . . . . . . . . . . . . . . . . 1

v0.3.29:2
General: The printed and digital
class options, which set all the
options appropriate for either
the printed or the digital
versions of a document, are
now available for the style files
of the Masaryk University in
Brno. [VN] . . . . . . . . . . . . . . . . . 1

v0.3.29:3
General: The table class option for
the style files of the Masaryk
University in Brno now loads
all the required packages and
changes the table
measurements even when the
color option is not specified.

[vN] . . . . . . . . . . . . . . . . . . . . 1

v0.3.30
General: The \thesis@seasonYear
macro has been added, which,
unlike \thesis@year takes into
account the fact that January
and Fabruary of the year \(n\) still
belong to the fall semester of
the year \(n - 1\). [VN] . . . . . . . . . . . . 1

v0.3.31:1
General: The redefinitions of
\appendix from the \texttt{style/mu/fithesis-1*.clo} files, which broke hyperref links to appendices, were removed. [VN] ............... 1

v0.3.31:2
General: All trailing \% were removed. Some of the inherited fithesis2 code in the \texttt{style/mu/fithesis-1*.clo} and \texttt{style/mu/fithesis-base.sty} files was refactored and reformatted. Alternative templates for the Faculty of Science at the Masaryk University in Brno are now mentioned in the respective user guide. [VN] ............... 1

v0.3.31:3
General: The \texttt{style/mu/fithesis-sci.sty} style file redefines \texttt{\thesis@blocks@declaration} to include a formatted date and an author's signature field. The locale file \texttt{style/mu/sci/czech.def} contains a new string \texttt{\thesis@czech@formattedDate}. [VN] ............... 1

v0.3.32
General: Fixed a regression from v0.3.27:2 – The margins in \texttt{\thesis@blocks@mainMatter} were corrected in the style files of the Faculty of Economics and Administration and the Faculty of Medicine at the Masaryk University in Brno. [VN] ............... 1

v0.3.33
General: Added \texttt{\thesis@patch}. [VN] ............... 1

v0.3.34
General: Added visual tests of output PDFs. The test/ directory is now also uses the \texttt{university/faculty} path scheme employed by the rest of the package. [VN] ............... 1

v0.3.35:1
General: Added support for the Division of Information and Library Studies of the Faculty of Arts at the Masaryk University in Brno. This support is enabled by specifying \texttt{\thesis@department} to be \texttt{kisk}. [VN] ............... 1

v0.3.35:2
General: Added support for seminar papers on the fithesis3 class level. The style files for the faculties of the Masaryk University in Brno do not provide any special handling of this thesis type yet. [VN] ............... 1

v0.3.35:3
General: Fixed \texttt{\l@locale} being possibly undefined in a LuaLaTeX run. [VN] ............... 1

v0.3.36
General: The \texttt{\thesis@load} macro has been lifted to the public API as \texttt{\thesisload}. [VN] ............... 1

v0.3.37
General: The \texttt{\tableofcontents} in the style files of the Masaryk University in Brno now correctly handles all \texttt{tocdepth} values. The expansion of \texttt{\part} also no longer results in a hyperref-related error in the style files of the Masaryk University in Brno. [VN] ............... 1

v0.3.38:1
General: The \texttt{\bib} key was added on the fithesis3 class level and is supported by the style files of the Masaryk University in Brno. [VN] ............... 1

v0.3.38:2
General: Fixed \texttt{\thesis@pages} not taking \texttt{\thesis@postamble} into account. Fixed the chapter number being printed regardless of \texttt{secnumdepth} by the style files of the Masaryk University in Brno. Fixed \texttt{\thesis@blocks@assignment}
being typeset in Czech only by
the style file of the Faculty of
Science at the Masaryk
University in Brno. [VN] . . . . . . 1
v0.3.39:1
General: The
\thesis@blocks@bibliography
now uses an emergency stretch
of 3em in the style files of the
Masaryk University in Brno.
[VN] . . . . . . . . . . . . . . . . . . . . 1
v0.3.39:2
General: The assignment key no
longer affects the page numbers
and takes into account the
digital and printed class
options in the style files of the
Masaryk University in Brno.
[VN] . . . . . . . . . . . . . . . . . . . . 1
v0.3.40
General: Fixed \thesis@pages not
working properly when the
autoLayout key is set to false.
Added a section on the
markdown package to the
two example documents of the
Masaryk University in Brno.
Added the
\ifthesis@blocks@assignment@hideIfDigital@ conditional to the
style/mu/fithesis-base.sty
style file. [VN] . . . . . . . . . . . . . 1
v0.3.41
General: Removed the arbitrary
limitation of \thesissetup, which prevented it from
accepting multi-paragraph
values. The \thesislong macro
is therefore no longer necessary,
but kept around for backwards
compatibility. [VN] . . . . . . . 1
v0.3.42
General: Documented that all color
settings are done in the rgb
colorspace, which makes the
color option suitable mostly for
deho versions of fithesis
documents rather than for
printing. Added the thesis
proposal thesis type. [VN] . . . . . . 1
v0.3.43
General: Added a mention about
the thesis proposal thesis type
to the user guide for the Faculty
of Informatics at the Masaryk
University, Brno and fixed a
bad citation in the user guides
for the Masaryk University,
Brno. Added an extra english
option for babel in the
examples for the Masaryk
University, Brno.
\thesis@blocks@thanks no
longer gobbles leading spaces
of \thesis@thanks. A fix in the
Slovak locale by kiraacorsac at
GitHub. [VN] . . . . . . . . . . . . . . . . . . . . 1
v0.3.44
General: Added an additional
hyphenation hint to the
two example document. [VN] . . . . . 1
Fixed the color in the logo of FI
MU. [VN] . . . . . . . . . . . . . . . . . . . . 1
Fixed wrong / missing
non-breaking spaces in Czech / Slovak localization. [VN] . . . . . 1
The captions in the examples for
MU are now above tables.
\thesis@blocks@thanks no
longer gobbles leading spaces
of \thesis@thanks. A fix in the
Slovak locale by kiraacorsac at
GitHub. [VN] . . . . . . . . . . . . . . . . . . . . 1
v0.3.45
\thesis@blocks@thanks no
longer gobbles leading spaces
of \thesis@thanks. A fix in the
Slovak locale by kiraacorsac at
GitHub. [VN] . . . . . . . . . . . . . . . . . . . . 1
\thesis@blocks@thanks no
longer gobbles leading spaces
of \thesis@thanks. A fix in the
Slovak locale by kiraacorsac at
GitHub. [VN] . . . . . . . . . . . . . . . . . . . . 1
\thesis@blocks@thanks no
longer gobbles leading spaces
of \thesis@thanks. A fix in the
Slovak locale by kiraacorsac at
GitHub. [VN] . . . . . . . . . . . . . . . . . . . . 1
\thesis@blocks@thanks no
longer gobbles leading spaces
of \thesis@thanks. A fix in the
Slovak locale by kiraacorsac at
GitHub. [VN] . . . . . . . . . . . . . . . . . . . . 1
\thesis@blocks@thanks no
longer gobbles leading spaces
of \thesis@thanks. A fix in the
Slovak locale by kiraacorsac at
GitHub. [VN] . . . . . . . . . . . . . . . . . . . . 1
the \thesis@pages@preamble
and \thesis@pages@postamble
macros. The patch was
submitted by Juraj Páleník.
[VN] .......................... 18

\thesisload: Updated the
\ifthesis@english macro, so
that it no longer dynamically
reacts to changes of the locale.
Instead, it is now based on the
main locale during the
expansion of \thesisload. ... 22
\thesissetup: Added the extra
key to \thesissetup and
defined the helper
\thesis@def@extra macro.
[VN] .......................... 19

General: Added Slovak localization
for the
style/mu/fithesis-sci.sty
style file. The localization was
submitted by Juraj Páleník.
[VN] .......................... 51

Bibliographical entries in
style/mu/fithesis-sci.sty
now face each other when the
main locale is either Czech or
English. [VN] .......................... 85

Defined the \ifthesis@czech
macro in
style/mu/fithesis-sci.sty.
The patch was submitted by
Juraj Páleník. [VN] .......................... 85

Defined the
\thesis@blocks@abstractCs
macro in
style/mu/fithesis-sci.sty.
The patch was submitted by
Juraj Páleník. [VN] .......................... 85

Defined the
\thesis@blocks@bibEntryCs
macro in
style/mu/fithesis-sci.sty.
The patch was submitted by
Juraj Páleník. [VN] .......................... 85

Defined the
abstractonsinglepage option
in style/mu/fithesis-sci.sty.
The patch was submitted by
Juraj Páleník. [VN] .......................... 85

Redefined the
\thesis@blocks@thanks and
\thesis@blocks@declaration
macros in
style/mu/fithesis-sci.sty.
The patch was submitted by
Juraj Páleník. [VN] .......................... 85

v0.3.46
\thesis@blocks@abstractEn:
Simplified the definition of
\thesis@blocks@abstractEn in
style/mu/fithesis-base.sty.
[VN] .......................... 66

\thesis@blocks@declaration:
Redefined
\thesis@blocks@declaration
in
style/mu/fithesis-econ.sty
in accordance with the example
documents. The patch was
submitted by Jana Ratajšková.
[VN] .......................... 95

\thesis@blocks@keywordsEn:
Simplified the definition of
\thesis@blocks@keywordsEn in
style/mu/fithesis-base.sty.
[VN] .......................... 67

General: Lifted the
authorSignature and
formattedDate strings to the
global locale file interface.
[VN] .......................... 28

Lifted the bib@author,
bib@thesisTitle, and
bib@advisor strings from
locale/mu/sci/*.def to
locale/mu/*.def, so that they
can be shared with
locale/mu/econ/*.def.
[VN] .......................... 31, 38, 46

Redefined
\thesis@blocks@abstract,
\thesis@blocks@abstractEn,
\thesis@blocks@keywords, and
\thesis@blocks@keywordsEn in
style/mu/fithesis-econ.sty
in accordance with the example
documents. The patch was
submitted by Jana Ratajšková.
[VN] .......................... 95
The documentation now points to the 2/2017 dean's directive for the Faculty of Economics and Administration, Masaryk University, Brno. [VN] . . . . . . 93

Updated the `abstractTitle` string in `locale/mu/econ/*.def` in accordance with the 2/2017 dean's directive. The patch was submitted by Jana Ratajšká. [VN] . . . . . . . . . . . . 33, 40, 48

Updated the declaration string in `locale/mu/econ/*.def` in accordance with the 2/2017 dean's directive. [VN] . . . . 40, 48

v0.3.47

General: Added an `\ifthesis@blocks@assignment@hideIfDigital@` test to the definition of the assignment string for the Masaryk University in Brno. [VN] . . . . . . 31, 38, 46

Enabled the inclusion of the scanned assignment inside the digital version of the document in `style/mu/fithesis-econ.sty` in accordance with the formal requirements of the faculty. The patch was submitted by Jana Ratajšká. [VN] . . . . . . . . . . . . 93

Moved the `\ifthesis@digital` tests from `locale/*//*.def` to `locale/mu/*//*.def`, since `\ifthesis@digital` is undefined in fithesis3.cls. [VN] . . . . . . 29, 31, 35, 38, 44, 46

Updated the declaration string in `locale/mu/econ/*//*.def` in accordance with the 2/2017 dean's directive. [VN] . . . . 40, 48

v0.3.48

General: Changed `\thesis@english@thanksTitle` to plural. [VN] . . . . . . . . . . . . 30

v0.3.49

General: `\textit` uses the italic type face rather than the slanted type face. [VN] . . . . . . . . . . . . 52

Fixed casing in the definition of the declaration string for the Masaryk University in Brno. [VN] . . . . . . . . . . . . . . . . . . . 46

Removed an extraneous `\vskip` in the style files for the Masaryk University in Brno. [VN] . . . . . . . . . . . . 93, 98, 101

v0.3.50

`\thesisload`: Make writes immediate, so that they do not get lost when they occur at an empty page. [VN] . . . . . . . . . 23

`\thesissetup`: Make writes immediate, so that they do not get lost when they occur at an empty page. [VN] . . . . . . . . . 19

v1.0.0

`\thesis@blocks@abstract`: Changed `clearpage` to `vskip` so it is by default on the same page when the template contains bibEntry. [TV] . . . . . . 66

`\thesis@blocks@abstractEn`: Changed `clearpage` to `vskip` so it is by default on the same page when the template contains bibEntry. [TV] . . . . . . 66

`\thesis@blocks@advisorSignature`: 63

`\thesis@blocks@bibEntry`: The `\thesis@blocks@bibEntry` command was expanded to more closely resemble Faculty of Science's bibEntry. The `\thesis@blocks@bibEntryEn` was added. [TV] . . . . . . . . . . . . 69

`\thesis@blocks@cover`: 63

63

Removed the header conditionals as the covers are unified for all faculties and shouldn't need to be modified. [TV] . . . . . . . . . . . . 63
\thesis@blocks@facultyLogo@color:
\thesis@blocks@facultyLogo@monochrome:
\thesis@blocks@keywords:
  Redefined keywords, keywordsEn macros so they by default start on the same page as the the previous element and are in the lower part of the page. [TV] 66
\thesis@blocks@logo:
\thesis@blocks@seal:
\thesis@blocks@summary: Macro for the summary was added. [TV] 96
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\thesis@blocks@universityLogo@color:
\thesis@blocks@universityLogo@monochrome:
\thesis@facultyLogo:
\thesis@requireStyle: Files were renamed after breaking changes in package loading after PR 438 in \LaTeX2ε. [VN] 24
\thesis@style: Files were renamed after breaking changes in package loading after PR 438 in \LaTeX2ε. [VN] 12
\thesis@universityLogo:
\thesis@xpatch: Added
  \thesis@xpatch command. [TV] 27
\thesisload: Only load babel in \LaTeX if polyglossia has not been loaded yet. 22
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