More Titlepage Styles with Package uni-titlepage

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Abstract

Creation of title pages is something most authors should not have to do. But reality is not perfect, so a lot of authors have to do it. In 2009 KOMA started the title page project at https://komascript.de/titlepage to collect real title pages and implement them with a well defined interface. In 2021 the project has been moved to https://github.com/komascript/uni-titlepage and renamed.

Now, changing from one title page style to another would be very simple. Nevertheless implementation of a new title page style may be still difficult. But maybe the guys of the title page project would help you. Just ask!

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1 Loading the Package

You may load this package like all the other package, simply using:
\usepackage{uni-titlepage}

This package declares several options for title page manipulation. We will describe all those options in the following. Most of the options are package options as well, but some are style options only. You may use every package option already as optional argument of \usepackage and even of \documentclass. But in most cases it would be better to use them as optional argument of \TitlePageStyle or \maketitle. We show this way below.

2 The Title Page Styles and their Options

\TitlePageStyle \[\langle option\rangle=\langle value\rangle,\ldots\}\{\langle style\}\].

The available styles are shown at the following sub-sections. Options may be every package option and every style option.

\maketitle After loading a style you may generate title pages using:
\maketitle[\langle option\rangle=\langle value\rangle,\ldots\].

Again, you may use every package option and every style option as optional argument.

Another way to set an option is to use either
\TitleOption{\langle option\rangle}{\langle value\rangle}

or
\TitleOptions{\langle option\rangle=\langle value\rangle,\ldots\}. 

You can set every package option an every option of already loaded title page styles.

For every main option, that expects a string argument exists a corresponding command with the same name. So you may set, e.g., the title either using \TitleOptions{title={This is the Title}} or \TitleOption{title}{This is the Title} or \maketitle[title={This is the Title}] or \TitlePageStyle [title={This is the Title}]\{\ldots\} or \title[This is the Title]. The most robust way is to use the command \title instead of the option at one of the other commands. If you use the option you may need to add \protect in front of some commands inside the option value. But note: This is not valid for alias options like student, because alias options do not have a corresponding command!
<table>
<thead>
<tr>
<th><strong>String Option</strong></th>
<th><strong>Styles</strong></th>
<th><strong>Common Meaning</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>advisor</td>
<td>TU-DD, UKoLa</td>
<td>if your personal advisor differs from the advising professor, this is the name of the advisor</td>
</tr>
<tr>
<td>author</td>
<td><em>every style</em></td>
<td>the authors, with some styles (currently not with DHBW or UKoLa) you may separate multiple authors by \and</td>
</tr>
<tr>
<td>chair</td>
<td>TU-DD, KIT, WWUM, UKoLa</td>
<td>the chair or institute of the faculty of the university where you’ve made or presented your work</td>
</tr>
<tr>
<td>company</td>
<td>DHBW</td>
<td>some works are made not only at a university but in cooperation with a company; at Duale Hochschule Baden-Württemberg this is the default case</td>
</tr>
<tr>
<td>course</td>
<td>DHBW</td>
<td>the shortcut for your discipline or course</td>
</tr>
<tr>
<td>date</td>
<td>DHBW, KIT, KOMAScript, Markus-1, Markus-2, Spacer, TU-HH, TU-DD, JT-Typography, WWUM</td>
<td>the documents main date, this may by, e.g., the release date, the semester of a thesis or any other most valid date</td>
</tr>
<tr>
<td>dedication</td>
<td>KOMAScript, Markus-1, Markus-2, Spacer</td>
<td>sometimes it is nice to dedicate the work to someone, e.g., your wife, your children, your grandmother or your first love</td>
</tr>
<tr>
<td>academicgrade</td>
<td>DHBW, TU-HH, WUMM, UKoLa</td>
<td>the academic grade or degree you reach with the work</td>
</tr>
<tr>
<td>discipline</td>
<td>DHBW, TU-DD, WUMM</td>
<td>the discipline in which you’ve made your work or reach your academic grade</td>
</tr>
<tr>
<td>duration</td>
<td>DHBW</td>
<td>the processing time for your work</td>
</tr>
<tr>
<td>faculty</td>
<td>TU-DD, KIT, WUMM</td>
<td>the faculty of the university where you’ve made or presented your work</td>
</tr>
<tr>
<td>homepage</td>
<td>KIT</td>
<td>the www-address of the homepage</td>
</tr>
</tbody>
</table>

...
<table>
<thead>
<tr>
<th><strong>String Option</strong></th>
<th><strong>Styles</strong></th>
<th><strong>Common Meaning</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>mainlogo</td>
<td>DHBW, KIT, UKoLa</td>
<td>a logo at the main title (currently used for the DHBW or the KIT logo at the default of titlehead and the main logo of style UKoLa)</td>
</tr>
<tr>
<td>secondlogo</td>
<td>UKoLa</td>
<td>a secondary logo</td>
</tr>
<tr>
<td>matriculationnumber</td>
<td>DHBW, TU-DD</td>
<td>if you were a student while you've made the work, this is your number</td>
</tr>
<tr>
<td>oralexaminationdate</td>
<td>TU-HH, WUMM</td>
<td>sometimes the date of the oral examination is not the main date but has to be shown too</td>
</tr>
<tr>
<td>place</td>
<td>DHBW, TU-HH, JT-Geschichte, JT-Typography, WUMM, UKoLa</td>
<td>the place, in general the city, where you've made the work or where the Duale Hochschule or the publisher resides</td>
</tr>
<tr>
<td>professor</td>
<td>TU-DD, WUMM</td>
<td>the name of the professor who advised you during your work</td>
</tr>
<tr>
<td>publisher</td>
<td>KOMAScript, Markus-1, Markus-2, Spacer, JT-Aufsaetze, JT-Geschichte, JT-Typography</td>
<td>most written works have a publisher</td>
</tr>
<tr>
<td>referee</td>
<td>DHBW, TU-HH, UKoLa</td>
<td>every academic work will be referred; with some styles (currently TU-HH, WUMM, UKoLa) multiple referees may be seperated with \and kind of science, e.g., “Naturwissenschaften”</td>
</tr>
<tr>
<td>science(^1)</td>
<td>WUMM</td>
<td>alias option to author</td>
</tr>
<tr>
<td>student</td>
<td>see author</td>
<td>the kind of work, there are special predefined subjects; if you use one of bachelor, academicgrade, diploma, master, project, seminar, or studentresearch a language dependend replacement will be done; to avoid this, you may set the value in parentesis</td>
</tr>
<tr>
<td>subject</td>
<td>every style</td>
<td></td>
</tr>
<tr>
<td>String Option</td>
<td>Styles</td>
<td>Common Meaning</td>
</tr>
<tr>
<td>---------------</td>
<td>--------</td>
<td>----------------</td>
</tr>
<tr>
<td>subtitle</td>
<td>KOMAScript, Markus-1, Markus-2, Spacer, TU-HH</td>
<td>the sub-title of the document</td>
</tr>
<tr>
<td>title</td>
<td>DHBW, KOMAScript, Markus-2, Spacer, KIT</td>
<td>the main title of the document</td>
</tr>
<tr>
<td>titlehead</td>
<td>DHBW, TU-DD, TU-HH, KIT, WWUM</td>
<td>page head over the main title of the document</td>
</tr>
<tr>
<td>university</td>
<td>DHBW, TU-DD, TU-HH, KIT, WWUM</td>
<td>the university where you’ve made or presented your work</td>
</tr>
</tbody>
</table>

**Note:** Depending on the used style some elements are mandatory. You will get an error message like

```
Package uni-titlepage Error: empty title element ‘author’.
```

if such a mandatory element has not been set. In this case use either the option or the corresponding command to setup at least a dummy value, e.g.

```
\author{DON’T FORGET TO CHANGE THE AUTHOR}
```

before the corresponding `\maketitle`.

Let’s have a look at the already defined title page styles. You should find an example \LaTeX file for each of them at the documentation folder. If not, ask you distributor or administrator for those! But you may find the code of all examples in docstrip syntax even at subsection 4.4 starting at page 57. At the shown examples most variable contents have been made red.

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1Due to a typing error, this option was named ‘sience’ until version 1.1a. If the obsolete option or the corresponding command is used, a warning is issued from version 1.2 onwards. The correct spelling documented here should be used instead.
2.1 Style DHBW

Josef Schmidbauer asked me for a title page usable for bachelor thesis at the “Duale Hochschulen Baden-Württemberg”. This is a only one title page style.

The page (in example titlepage-DHBW.tex) is:

1. main title page with titlehead, mainlogo, title, subject, academicgrade, discipline, place, author, duration, matriculationnumber, course, company, referee, university, and date.

Note: The upper right corner is the logo placeholder. If you’d download the logo from the DHBW homepage http://www.dhbw.de and save it with the name DHBW_d_MOS_195x95_rgb_300.jpg it would be used automatically. The logo file is also available from https://de.wikipedia.org/wiki/Datei:DHBW_d_MOS_195x95_rgb_300.jpg. This original logo has a large white border, so it would be much smaller than the red box at the example. The example file also contains comments for an optional company logo at the upper left corner.
2.2 Style KOMA-Script

This is a style similar to the title pages of KOMA-Script classes.

The pages (in twoside example titlepage-KOMA-Script.tex) are:

1. defined by extratitle, which is not a package option but a style option. You may set it using \TitleOption or \TitleOptions after loading the style or with the optional argument of \maketitle or \TitlePageStyle.
2. empty and only in twoside mode with extratitle used.
3. main title page with titlehead, subject, title, subtitle, author, date, publisher. You may use \thanks at any of these.
4. only in twoside mode defined by \texttt{uppertitleback} and \texttt{lowertitleback}, which are not package options but style options. You may set them using \texttt{\TitleOption} or \texttt{\TitleOptions} after loading the style or with the optional argument of \texttt{\maketitle} or \texttt{\TitlePageStyle}.

5. optional post title with \texttt{dedication}.

6. empty and only in twoside mode with \texttt{dedication} used.
2.3 Style Markus-1

This is a style similar to the one of the title of the KOMA-Script book.

The pages (in twoside example titlepage-Markus-1.tex) are:

1. defined by publisher; may be omitted by publisher=0.
2. only in twoside mode with publisher defined by author.
3. main title page with subject, title, subtitle, and date.
4. only in two-side mode defined by `uppertitleback` and `lowertitleback`, which are not package options but style options. You may set them using \TitleOption or \TitleOptions after loading the style or with the optional argument of \maketitle or \TitlePageStyle.

5. optional post title with `dedication`.

6. empty and only in two-side mode with `dedication` used.
2.4 Style Markus-2

This style is not a real live style, but similar styles are often used:

The pages (in twoside example titlepage-Markus-2.tex) are:

1. defined by extratitle.

2. empty and only in twoside mode with extratitle used.

3. main title page with titlehead placed at the page head (if this is too high, it might be put outside the page; if it is too deep, it might overwrite part of the title), rulewidth, rulesep and rulecolor for the vertical rule (these aren’t package options but style options), subject, title, subtitle, author, date, and publisher. Note: If you want to use option rulecolor you have to load a package, that defines \color, e.g., color or xcolor. Otherwise the color will be ignored.
4. only in twoside mode defined by \texttt{uppertitleback} and \texttt{lowertitleback}, which are not package options but style options. You may set them using \texttt{\TitleOption} or \texttt{\TitleOptions} after loading the style or with the optional argument of \texttt{\maketitle} or \texttt{\TitlePageStyle}.
5. optional post title with \texttt{dedication}.
6. empty and only in twoside mode with \texttt{dedication} used.
2.5 Style Spacer

This style is a variant of style Markus-2 from subsection 2.4. It was asked by spacer2012 at the original titlepage project on https://komascript.de/titlepage. In difference to Markus-2 the title head will not be placed at the page head but at the body.

The pages (in twoside example titlepage-Spacer.tex) are:

1. defined by extratitle.
2. empty and only in twoside mode with extratitle used.
3. main title page with titlehead placed at the page head, rulewidth, rulesep and rulcolor for the vertical rule (these aren’t package options but style options), subject, title, subtitle, author, date, and publisher. Note: If you want to use option rulcolor you have to load a package, that defines \color, e.g., color or xcolor. Otherwise the color will be ignored.
4. only in twoside mode defined by \texttt{upperTitleBack} and \texttt{lowerTitleBack}, which are not package options but style options. You may set them using \texttt{\TitleOption} or \texttt{\TitleOptions} after loading the style or with the optional argument of \texttt{\maketitle} or \texttt{\TitlePageStyle}.

5. optional post title with \texttt{dedication}.

6. empty and only in twoside mode with \texttt{dedication} used.
2.6 Style TU-DD

This style is used at the “Technische Universität Dresden”. I was asked for this several years ago. Only one title page is defined!

The page (in example `titlepage-TU-DD.tex`) is:

1. main title page with university, faculty, chair, professor, title, subject, author, discipline, matriculation number, advisor, place, and date.

But there is another variant. If option `blackborder` was set to true, a black border is put around the page:

The page (in example `titlepage-TU-DD.tex` with option `blackborder`) is:

1. main title page with university, faculty, chair, professor, title, subject, author, discipline, matriculation number, advisor, place, and date.
2.7 Style TU-HH

This style is used at the “Technische Universität Hamburg-Harburg”. I was asked for this several years ago. Only two title pages are defined!

The pages (in twoside example titlepage-TU-HH.tex) are:

1. main title page with title, subtitle, university, academicgrade, subject, author, place, and date. Some additional text depending on the selected language will be used also.

2. only in twoside mode with referee and oralexaminationdate.

The output of style TU-HH differs, if you use option final, which is a style option, not a package option. You may set it using \TitleOption or \TitleOptions after loading the style or with the optional argument of \maketitle or \TitlePageStyle.
2.8 Style KIT

This style is used at the “KIT – University of the State of Baden-Württemberg and National Research Center of the Helmholtz Association”. I’ve made this because of the ugly \LaTeX class and template made by the KIT itself. Only one title page is defined!

The page (in example titlepage-KIT.tex) is:

1. main title page with titlehead, mainlogo, title, subject, author, referee, advisor, university, duration, and homepage. Some additional text depending on the selected language will be used also.

If titlehead is empty or unused left aligned mainlogo will be used. If mainlogo is empty or unused, and if you have a logo file KITLogo_RGB.pdf, this will be used. As an alternative also 2560px-Logo_KIT.svg.png, 2000px-Logo_KIT.svg.png, 1280px-Logo_KIT.svg.png, 1024px-Logo_KIT.svg.png, 1000px-Logo_KIT.svg.png, 800px-Logo_KIT.svg.png, 640px-Logo_KIT.svg.png, or 500px-Logo_KIT.svg.png from https://de.wikipedia.org/wiki/Datei:Logo_KIT.svg would be auto-detected. Several other elements will be set to defaults too, if they are empty. So you don’t need to set all the elements, that has been set at the example file.
2.9 Style JT-Aufsätze

The style is based on the front cover of “Jan Tschichold: Ausgewählte Aufsätze über Fragen der Gestalt des Buches und der Typographie, Birkhäuser Verlag Basel, 1975, ISBN: 3-7643-1946-1”. I’ve made this, because the book is a major book of classic typography. It seems to be old fashioned and indeed it is. Note, that the front cover of a book an the main title of a book are not the same! Nevertheless, here I’ve made a main title from a front cover. Currently only one title page is defined, but you may also use `extratitle`, `uppertitleback`, and `lowertitleback`.

The page in example `titlepage-JT-Aufsätze.tex` is:

1. main title page with `author`, `title`, `publisher`, `rulewidth`, `rulesep` for width of the horizontal rules and the distance between them and `rulecolor` for the color of the rules (these aren’t package options but style options). Note: If you want to use option `rulecolor` you have to load a package, that defines \color, e.g., `color` or `xcolor`. Otherwise the color will be ignored.

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Markus Kohm

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Titel der Arbeit angelehnt an Jan Tschicholds ausgewählte Aufsätze über Fragen der Gestalt des Buches und der Typographie

---

Der Verlag
2.10 Style JT-Geschichte

The style is based on “Jan Tschichold: Geschichte der Schrift in Bildern; Holbein-Verlag, 1947”. This is another major book of classic typography. It seems to be old fashioned and indeed it is. Currently only one title page is defined, but you may also use extratitle, uppertitleback, and lowertitleback.

The page (in example titlepage-JT-Geschichte.tex) is:

1. main title page with author, title, publisher, place, rulewidth and rulesep for width of the horizontal rules and the distance between them and rulecolor for the color of them (these aren’t package options but style options). Note: If you want to use option rulecolor you have to load a package, that defines \color, e.g., color or xcolor. Otherwise the color will be ignored.

Note, that the default for titlepagefont prints everything but the title with ad-hoc letterspacing in upper-case letters if \lsstyle is available and without letterspacing but in small capitals otherwise. Changing the default of titlepagefont will also change this automatism.
2.11 Style JT-Typography

The style is based on “Jan Tschichold: The New Typography; University of California Press, Berkley and Los Angeles, California 1995”. This is the English translation of another major book of classic typography. Some things like missing letterspacing at the upper-case title seems to be wrong. Currently only one title page is defined, but you may also use extratitle, uppertitleback, and lowertitleback.

The page (in example titlepage-JT-Geschichte.tex) is:

1. main title page with author, title, subtitle, place, date, publisher.
2.12 Style WWUM

Tobias Südkamp asked me for that title for the Westfälischen Wilhelms-Universität Münster. The professor is more likely the chairman. Female referees should be prefixed by [f]. You can omit the examination date defining an empty \examinationdatename.

The pages (in example tilepage-WWUM.tex) are:

1. cover page with author, title, \the\year
2. the backside of the cover page is empty if it exists
3. main title page with chair, title, subject, academicgrade, science¹, discipline, faculty
4. main title back side with professor, referee, oralexaminationdate (normally empty)
2.13 Style UKoLa

In 2007 several students asked me for the title of the Universität Koblenz-Landau. At that time, I’ve made a package for the title they asked for. The package has been published at https://komascript.de/unikoblenzlandau only. In 2021, after I’ve published uni-titlepage, it was time to implement this title also as a title style definition. Note, this is not an official style of the University Koblenz-Landau. Several referees can be separated by \and. Female referees should be prefixed by [f].

The page (in example titlepage-UKoLa.tex) is:

1. main title page with mainlogo, secondlogo, title, subject, academicgrade, chair, discipline, place, author, referee, and date.

Note: The upper left corner is the logo placeholder. If you’d download the logo from http://www.uni-koblenz-landau.de/logo.png and save it with the name uni-koblenz-landau.png, it would be used automatically.
3 Additonal Commands

\NowButAfterBeginDocument Command

\NowButAfterBeginDocument{(code)}

is something like \AtBeginDocument, but if you call it somewhere after \begin{document} argument \textit{(code)} will be used immediately. This command is used inside some of the title page styles, because you may load them either at the preamble or even after \begin{document}, but some code should not be executed before \begin{document}.

titlepage \textit{(env.)} In oposite to the titlepage environment of the standard classes,

\begin{titlepage}[(options)]
...
\end{titlepage}

knows some options. These are pagestyle=\textit{(style)} and pagenumber=\textit{(number)}. The first one changes the page style of the generated title page to the given \textit{(style)}. If the option is not set, the default empty will be used. The second one sets the logical page number of the generated title page to the given \textit{(number)} and sets the counter pagenumber to this value. If the option is not used, the value of counter pagenumber will be increased by one and the result is used for the logical page number.

fullsizetitle \textit{(env.)} Using

\begin{fullsizetitle}[(options)]
...
\end{fullsizetitle}

is almost the same like above. But fullsizetitle removes the margins from the generated title page. Nevertheless if binding correction (aka binding offset) of package typearea or geometry could be recognized, it will not be removed. Some of the title page styles use this environment instead of titlepage inside \maketitle. With this the margins of the title page do not depend on the type area of the document.

\usetitleelement Command

\usetitleelement{(element)}

gives the content of the corresponding title \textit{(element)}. Each main \textit{(element)} defined by the package may be used. Those are currently: advisor, author, chair, company, course, date, dedication, academicgrade, discipline, duration, faculty, homepage, mainlogo, matriculationnumber, oralexaminationdate, place, professor, publisher, referee, subject, subtitle, title, titlehead, and university. Note: student isn’t a main \textit{(element)}, because it’s only an alias for author.

\usenonemptytitleelement \textit{added in v1.0} Command

\usenonemptytitleelement{(element)}

is a variant of \usetitleelement that not only reports an error for a not existing \textit{(element)} but also for an empty \textit{(element)}. It should be used to print mandatory elements.
4 Implementation

Note: To generate all files, developers and beta testers should simply use the source from https://github.com/komascript/uni-titlepage and call

13build unpack
13build doc

The resulting documentation will be placed in the main folder. The unpacked style file are in build/unpacked. You can use

13build install

to install them in TEXMFHOME. See the manual of 13build for more information.

As an alternative you can use the source distribution from CTAN and run:

tex uni-titlepage.dtx

The documentation is usually part of the source distribution at CTAN. Note, that all the generated tex files are example files. Do not copy them to the run-time files but the documentation folder!

4.1 The Installation Driver ‘uni-titlepage.ins’

First of all we produce uni-titlepage.ins, the installation driver. It starts very common with loading docstrip, preamble declaration and start of generation.

\def\batchfile{uni-titlepage.dtx}
\input docstrip.tex
\ifToplevel{%
  \Msg{********************************************************************}
  \Msg{*}
  \Msg{* Steps of uni-titlepage generation:}
  \Msg{* ==============================}
  \Msg{*}
  \Msg{* - Generation of all needed files:}
  \keepsilent
  \askforoverwritefalse
}
The Current Maintainer and author of this work is Markus Kohm.

This file may only be distributed together with
the file `uni-titlepage.dtx'.
You may however distribute the file `uni-titlepage.dtx' without this file.

\endpreamble

\generate{%
But while the dtx file is the ins file itself, we will never generate this file.
% \file{uni-titlepage.ins}{\from{uni-titlepage.dtx}{ins}}% not needed
\file{uni-titlepage.drv}{\from{uni-titlepage.dtx}{doc,manual}}%
\file{uni-titlepage.sty}{\from{uni-titlepage.dtx}{package}}%
\file{title-DHBW.def}{\from{uni-titlepage.dtx}{driver,DHBW}}%
\file{title-KOMAScript.def}{\from{uni-titlepage.dtx}{driver,KOMAScript}}%
\file{title-Markus-1.def}{\from{uni-titlepage.dtx}{driver,Markus,1}}%
\file{title-Markus-2.def}{\from{uni-titlepage.dtx}{driver,Markus,2}}%
\file{title-Spacer.def}{\from{uni-titlepage.dtx}{driver,Spacer}}%
\file{title-TU-DD.def}{\from{uni-titlepage.dtx}{driver,TU-DD}}%
\file{title-TU-HH.def}{\from{uni-titlepage.dtx}{driver,TU-HH}}%
\file{title-KIT.def}{\from{uni-titlepage.dtx}{driver,KIT}}%
\file{title-JT-Aufsaetze.def}{\from{uni-titlepage.dtx}{driver,JT-Aufsaetze}}%
\file{title-JT-Geschichte.def}{\from{uni-titlepage.dtx}{driver,JT-Geschichte}}%
\file{title-JT-Typography.def}{\from{uni-titlepage.dtx}{driver,JT-Typography}}%
\file{title-WWUM.def}{\from{uni-titlepage.dtx}{driver,WWUM}}%
\file{title-UKoLa.def}{\from{uni-titlepage.dtx}{driver,UKoLa}}%
\file{titlepage-DHBW.tex}{\from{uni-titlepage.dtx}{doc,example,DHBW}}%
\file{titlepage-KOMAScript.tex}{\from{uni-titlepage.dtx}{doc,example,KOMAScript}}%
\file{titlepage-Markus-1.tex}{\from{uni-titlepage.dtx}{doc,example,Markus,1}}%
\file{titlepage-Markus-2.tex}{\from{uni-titlepage.dtx}{doc,example,Markus,2}}%
\file{titlepage-Spacer.tex}{\from{uni-titlepage.dtx}{doc,example,Spacer}}%
\file{titlepage-TU-DD.tex}{\from{uni-titlepage.dtx}{doc,example,TU-DD}}%
\file{titlepage-TU-HH.tex}{\from{uni-titlepage.dtx}{doc,example,TU-HH}}%
\file{titlepage-KIT.tex}{\from{uni-titlepage.dtx}{doc,example,KIT}}%
\file{titlepage-JT-Aufsaetze.tex}{\from{uni-titlepage.dtx}{doc,example,JT-Aufsaetze}}%
\file{titlepage-JT-Geschichte.tex}{\from{uni-titlepage.dtx}{doc,example,JT-Geschichte}}%
\file{titlepage-JT-Typography.tex}{\from{uni-titlepage.dtx}{doc,example,JT-Typography}}%
\file{titlepage-WWUM.tex}{\from{uni-titlepage.dtx}{doc,example,WWUM}}%
\file{titlepage-UKoLa.tex}{\from{uni-titlepage.dtx}{doc,example,UKoLa}}%
\nopreamble\nopostamble
\file{README.md}{\from{uni-titlepage.dtx}{README}}%
%}
\ifToplevel{%
(Msg{* \space\space done.}
(Msg{* You may install all the files now.}
(Msg{******************************************}
}%
At docstrip run we like to finish the file know:
\csname endinput\endcsname
4.2 The Package \texttt{scrbase}

\TitleOptions We use the extended option handling of KOMA-Script, so we load package \texttt{scr-base} and declare a family, a member and a something like \texttt{KOMAoptions} and \texttt{KOMAoption} but for this package.

\begin{verbatim}
80 \RequirePackage{scrbase}[2014/12/03]
81 \DefineFamily{title}
82 \DefineFamilyMember{title}
83 \newcommand*{\TitleOptions}{\FamilyOptions{title}}
84 \newcommand*{\TitleOption}{\FamilyOption{title}}

\setcounter{titlepage}{1}
\FamilyKeyStateProcessed
85 \newcounter{titlepage}\setcounter{titlepage}{\@ne}
86 \DefineFamilyKey{title}{pagenumber}{%
87 \setcounter{titlepage}{#1}\FamilyKeyStateProcessed
88 }

\makeatletter
89 \providecommand*{\titlepagestyle}{}
90 \renewcommand*{\titlepagestyle}{empty}
91 \DefineFamilyKey{title}{pagestyle}{%
92 \renewcommand*{\titlepagestyle}{#1}\FamilyKeyStateProcessed
93 }
\if@resonecol
94 \ifcsname @restonecolfalse\endcsname
95 \expandafter\@gobble
96 \else
97 \expandafter\@firstofone
98 \fi
99 {\newif@if@resonecol}
\fi
\titlepagestyle (env.)
\if@resonecol
100 \acr@ifundefinedorrelax{titlepage}{\def\titlepage{}{}}
101 \acr@ifundefinedorrelax{endtitlepage}{\def\endtitlepage{}{}}
102 \providecommand*{\maketitle}{[1]}{}
\setcounter{titlepage}{1}
\FamilyKeyStateProcessed
\makeatother
\titlepage
\makeatletter\PackageInfo{uni-titlepage}{leaving not defined #1-title page empty}
\newcommand*{\inittitle}{%}
\newcommand*{\makepretitle}{\tp@undefinedtitle{pre}}
\newcommand*{\makepretitleback}{\tp@undefinedtitle{back of pre}}
\newcommand*{\makemaintitle}{\tp@undefinedtitle{main}}
\newcommand*{\makemaintitleback}{\tp@undefinedtitle{back of main}}
\newcommand*{\makeposttitle}{\tp@undefinedtitle{post}}
\newcommand*{\makeposttitleback}{\tp@undefinedtitle{back of post}}
\newcommand*{\tp@undefinedtitle}{%}
\newcommand*{\tp@undefinedtitle}[1]{%
\PackageInfo{uni-titlepage}{leaving not defined #1-title page empty}%
}\end{verbatim}

\begin{enumerate}
\item \texttt{\makemaintitle} Set of commands, that define a title style:
\end{enumerate}
\inittitlestyle \Will be called before loading a title style:
\begin{verbatim}
114 \newcommand*{\inittitlestyle}{% 
115 \renewenvironment{titlepage}{\begin{TitleOptions}{##1}}{% 
116 \TitleOptions{##1}% 
117 \clearpage 
118 \if@twocolumn 
119 \@restonecoltrue \onecolumn 
120 \else 
121 \@restonecolfalse 
122 \fi 
123 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi 
124 \if@twoside% im einseitigen Satz ist mir alles egal 
125 \ifodd\value{page}% aktuelle Seite ist ungerade 
126 \ifodd\value{titlepage}%= 
127 \else 
128 \null\newpage 
129 \fi 
130 \else 
131 \ifodd\value{titlepage}%= 
132 \null\newpage % Leerseite 
133 \fi 
134 \fi 
135 \fi 
136 \setcounter{page}{\value{titlepage}}% 
137 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi 
138 }{% 
139 \if@restonecol\twocolumn \else \newpage\fi 
140 \stepcounter{titlepage}% 
141 }% 
142 \renewcommand*{\maketitle}{\begin{titlepage}{\toprule}{}% 
143 \begingroup 
144 \TitleOptions{##1}% 
145 \inittitle 
146 \makepretitle\if@twoside\makepretitleback\fi 
147 \makemaintitle\if@twoside\makemaintitleback\fi 
148 \makeposttitle\if@twoside\makeposttitleback\fi 
149 \exittitle 
150 \endgroup 
151 }% 
152 \end{verbatim}
\end{verbatim}

Current page number is odd ...
126 \ifodd\value{titlepage}%= 
127 \else 
128 \null\newpage
129 \fi
130 \else 
131 \ifodd\value{titlepage}%= 
132 \null\newpage % Leerseite 
133 \fi
134 \fi
135 \fi
136 \setcounter{page}{\value{titlepage}}%
137 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi 
138 }% 
139 \if@restonecol\twocolumn \else \newpage\fi 
140 \stepcounter{titlepage}%
141 }
142 \renewcommand*{\maketitle}{\begin{titlepage}{\toprule}{}
143 \begingroup 
144 \TitleOptions{##1} 
145 \inittitle 
146 \makepretitle\if@twoside\makepretitleback\fi 
147 \makemaintitle\if@twoside\makemaintitleback\fi 
148 \makeposttitle\if@twoside\makeposttitleback\fi 
149 \exittitle 
150 \endgroup 
151 }% 
152 \end{verbatim}
\end{verbatim}

... wanted page number is even: put in empty page.
128 \null\newpage
129 \fi
130 \else 
131 \ifodd\value{titlepage}%
... wanted page number is off: put in empty page.
132 \null\newpage % Leerseite
133 \fi
134 \fi
135 \fi
136 \setcounter{page}{\value{titlepage}}%
137 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi 
138 }% 
139 \if@restonecol\twocolumn \else \newpage\fi 
140 \stepcounter{titlepage}%
141 }
142 \renewcommand*{\maketitle}{\begin{titlepage}{\toprule}{}
143 \begingroup 
144 \TitleOptions{##1} 
145 \inittitle 
146 \makepretitle\if@twoside\makepretitleback\fi 
147 \makemaintitle\if@twoside\makemaintitleback\fi 
148 \makeposttitle\if@twoside\makeposttitleback\fi 
149 \exittitle 
150 \endgroup 
151 }% 
152 \end{verbatim}
\end{verbatim}

Current page number is even ...
131 \ifodd\value{titlepage}%= 
132 \else 
133 \null\newpage % Leerseite 
134 \fi 
135 \fi 
136 \setcounter{page}{\value{titlepage}}% 
137 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi 
138 }% 
139 \if@restonecol\twocolumn \else \newpage\fi 
140 \stepcounter{titlepage}%
141 }
142 \renewcommand*{\maketitle}{\begin{titlepage}{\toprule}{}
143 \begingroup 
144 \TitleOptions{##1} 
145 \inittitle 
146 \makepretitle\if@twoside\makepretitleback\fi 
147 \makemaintitle\if@twoside\makemaintitleback\fi 
148 \makeposttitle\if@twoside\makeposttitleback\fi 
149 \exittitle 
150 \endgroup 
151 }% 
152 \end{verbatim}
\end{verbatim}

... wanted page number is even: put in empty page.
\renewcommand*{\makeposttitleback}{\tp@undefinedtitle{back of post}}%
\renewcommand*{\exittitle}{%}
}
\initstitestyle

\titlebox \textbf{New environment for full page titles (with respect to BCOR or Gm@bindingoffset if defined)}
\fullsizetitle
\newsavebox\titlebox
\newenvironment{fullsizetitle}[1][]{%\TitleOptions{#1}%
\begin{lrbox}{\titlebox}
\hsize\paperwidth
\scr@ifundefinedorrelax{ta@bcor}{%\scr@ifundefinedorrelax{Gm@bindingoffset}{}{% \advanve\hsize-\Gm@bindingoffset}%
}\twelve\hspace-\ta@bcor\scr@ifundefinedorrelax{Gm@bindingoffset}{}{% \ifdim \Gm@bindingoffset=\ta@bcor\else \PackageWarning{uni-titlepage}{Ignoring geometry's binding correction,\MessageBreak using typearea's binding correction.\MessageBreak If you're using geometry and typearea,\MessageBreak you should set both options to the same value,\MessageBreak e.g. \string\KOMAoptions{BCOR=\the\ta@bcor}\MessageBreak \space \space \space \space \space \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value}%\fi\%}
\textwidth\hsize
\textheight\vsize
\noindent\minipage{\hsize}{}
\endminipage
\end{lrbox}
\begin{titlepage}%
\vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
\vskip-\topskip\raggedright\leavevmode\hskip-1in\ifodd\c@page\hskip-\oddsidemargin\else\hskip\ta@bcor\else\fi\PackageWarning{uni-titlepage}{Ignoring geometry's binding correction,\MessageBreak using typearea's binding correction.\MessageBreak If you're using geometry and typearea,\MessageBreak you should set both options to the same value,\MessageBreak e.g. \string\KOMAoptions{BCOR=\the\ta@bcor}\MessageBreak \space \space \space \space \space \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value}%\fi\%
\end{lrbox}
\begin{titlepage}%
\vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
\vskip-\topskip\raggedright\leavevmode\hskip-1in\ifodd\c@page\hskip-\oddsidemargin\else\hskip\ta@bcor\else\fi\PackageWarning{uni-titlepage}{Ignoring geometry's binding correction,\MessageBreak using typearea's binding correction.\MessageBreak If you're using geometry and typearea,\MessageBreak you should set both options to the same value,\MessageBreak e.g. \string\KOMAoptions{BCOR=\the\ta@bcor}\MessageBreak \space \space \space \space \space \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value}%\fi\%
\end{lrbox}
\DefineSimpleTitleKey {title} \fi
\vbox to\z@{\hsize\z@
\vskip\-\baselineskip
\makebox[\Opt][1]{\usebox\titlebox}\%
\vss
)
\end{titlepage}

\DefineReplaceTitleKey {title} \fi
\PackageWarning{uni-titlepage}{Using \texttt{#2} instead of \texttt{#1},\MessageBreak
because \texttt{#1} not defined%}
\]
\end{titlepage}

\titlehead
\@titlehead
titlehead (opt.)
\providecommand*{\@titlehead}{}
\providecommand{\titlehead}[1]{\gdef\@titlehead{#1}}
\DefineFamilyKey{title}{titlehead}{titlehead{#1}\FamilyKeyStateProcessed}

\homepage
\@homepage
homepage (opt.)
\providecommand*{\@homepage}{}
\providecommand{\homepage}[1]{\gdef\@homepage{#1}}
\DefineFamilyKey{title}{homepage}{\homepage{#1}\FamilyKeyStateProcessed}

\title
\@title
title (opt.)
\let\@title\relax\let\title\relax\DefineSimpleTitleKey{title}

\author
\@author
author (opt.)
\let\@author\relax\let\author\relax\DefineSimpleTitleKey{author}
\date\duration\course\company\subtitle\university\faculty\chair\professor
\subject
\providecommand*{\subject}{\gdef@subject{}}
\providecommand*{\subject}{[1]{\gdef@subject{#1}}}
\@addto@macro{\tp@dokeys}{\do{subject}}%
\DefineFamilyKey{title}{subject}{%  
\Ifstr{#1}{project}{\subject{\projectpapername}}{%  
\Ifstr{#1}{seminar}{\subject{\seminarpapername}}{%  
\Ifstr{#1}{studentresearch}{\subject{\studentresearchname}}{%  
\Ifstr{#1}{diploma}{\subject{\diplomathesisname}}{%  
\Ifstr{#1}{degree}{\subject{\degreethesisname}}{%  
\Ifstr{#1}{master}{\subject{\masterthesisname}}{%  
\Ifstr{#1}{bachelor}{\subject{\bachelorthesisname}}{%  
\subject{#1}}%  
}%  
}%  
}%  
}%  
}%  
}%  
}\FamilyKeyStateProcessed%
\Ifstr\ For compatibility with old versions of \texttt{scrbase} the macro is provided based on \ifstr if it has not been defined by \texttt{scrbase}.

\providecommand*{\Ifstr}{\ifstr}

\begin{verbatim}
281 \providecommand*{\Ifstr}{\ifstr}
\end{verbatim}

\begin{verbatim}
282 \DefineReplaceTitleKey{student}{author}
\end{verbatim}

\begin{verbatim}
283 \DefineSimpleTitleKey{science}
284 \providecommand*{\science}{%
285 \PackageWarning{uni-titlepage}{%  
286 \string\science\space internally replaced by \string\science.\MessageBreak
287 Please note, that \string\science\space was a typing mistake\MessageBreak
288 and should not be used any longer.\MessageBreak
289 You should replace it by \string\science\MessageBreak
290 }%
291 \science
292 }
293 \providecommand*{\@science}{%
294 \PackageWarning{uni-titlepage}{%  
295 internal \string\@science\space replaced by \string\@science.\MessageBreak
296 Please note, that \string\@science was a typing mistake\MessageBreak
297 and should not be used any longer.\MessageBreak
298 You should replace it by \string\@science%
299 }
300 \@science
301 }
302 \DefineFamilyKey{title}{science}{%
303 \PackageWarning{uni-titlepage}{%  
304 deprecated option ‘science’ used.\MessageBreak
305 Please note, that ‘science’ was a typing mistake\MessageBreak
306 and should not be used any longer.\MessageBreak
307 You should replace it by ‘science’%
308 }%
309 \science[#1]%
310 \FamilyKeyStateProcessed
311 }
\end{verbatim}

\begin{verbatim}
312 \DefineSimpleTitleKey{discipline}
\end{verbatim}

\begin{verbatim}
313 \DefineSimpleTitleKey{academicgrade}
\end{verbatim}

\begin{verbatim}
314 \DefineSimpleTitleKey{matriculationnumber}
\end{verbatim}
Users cannot simply use, e.g., \@title, \@mainlogo etc. So we need a command to get them:

```latex
\newcommand*{\usetitleelement}[1]{%
  \if\oralexaminationdate
    \if\referee
      \if\advisor
        \DefineSimpleTitleKey{advisor}
      \else
        \DefineSimpleTitleKey{advisor} (opt.)
      \fi
    \else
      \DefineSimpleTitleKey{referee} (opt.)
    \fi
  \else
    \DefineSimpleTitleKey{place} (opt.)
  \fi
  \DefineSimpleTitleKey{publisher} (opt.)
  \renewcommand*{\@publisher}{\csname @publishers\endcsname}

  \DefineSimpleTitleKey{mainlogo} (opt.)
  \DefineSimpleTitleKey{secondlogo} (opt.)
  \DefineSimpleTitleKey{oralexaminationdate}
  \DefineSimpleTitleKey{oralexaminationdate} (opt.)

  \providecommand*{\@dedication}{}
  \providecommand{\dedication}[1]{\gdef\@dedication{#1}}
  \DefineFamilyKey{title}{dedication}{\dedication{#1}\FamilyKeyStateProcessed}

  \usetitleelement

  \scr@ifundefinedorrelax{#1}{%
    \@usetitleelement@error{#1}%
  }{%
    \scr@ifundefinedorrelax{@#1}{%
      \@usetitleelement@error{#1}%
    }{%
      \@nameuse{@#1}%
    }%
  }%
%
\newcommand*{\@usetitleelement@error}[1]{%
  \PackageError{uni-titlepage}{'#1' isn't a title element}{%
    You should use \string\usetitleelement\space for title elements only!!\MessageBreak
    If you'll continue, command will be ignored.}%
%}
%```

32
\usenonemptytitleelement Sometimes we want to use a title element that must not be empty.

\newcommand*{\usenonemptytitleelement}{\ifx\csname @#1\endcsname\@empty
\PackageError{uni-titlepage}{empty title element \texttt{#1}}{Title element \texttt{#1} is empty but mandatory for the used title page style. \MessageBreak So it must not be empty. \MessageBreak Please see the manual for more information about assigning values to \MessageBreak main title elements via options or commands. \MessageBreak If you'll continue, a \texttt{\string\strut\space} will be used.}}%
\else \usetitleelement{#1}\fi

Some variables use their own configurable font:

- \texttt{titlepagefont (opt.)}
  \@titlepagefont

\newkomafont{titlepage}{}
\DefineFamilyKey{title}{titlepagefont}{
\renewcommand*{\@titlepagefont}{#1}
\FamilyKeyStateProcessed
}

- \texttt{subjectfont (opt.)}
  \subject@font

\providecommand*{\subject@font}{\bfseries}
\DefineFamilyKey{title}{subjectfont}{
\renewcommand*{\subject@font}{#1}
\FamilyKeyStateProcessed
}

- \texttt{titlefont (opt.)}
  \title@font

\providecommand*{\titlefont}{\bfseries}
\DefineFamilyKey{title}{titlefont}{
\renewcommand*{\titlefont}{#1}
\FamilyKeyStateProcessed
}

- \texttt{subtitlefont (opt.)}
  \@subtitlefont

\providecommand*{\@subtitlefont}{\bfseries}
\DefineFamilyKey{title}{subtitlefont}{
\renewcommand*{\@subtitlefont}{#1}
\FamilyKeyStateProcessed
}

\TitlePageStyle Load a title page style from file
\newcommand*{\TitlePageStyle}{[2]}%
\IfFileExists{title-#2.def}\{% 
  \begingroup 
  \edef\@tempa{\endgroup \noexpand\inittitlestyle \noexpand\makeatletter \noexpand\input{title-#2.def}\%} \@tempa \TitleOptions{#1}\}%
\PackageError{uni-titlepage}{No title definition for '#2' found}{% You've tried to set title page style '#2', but no title page style definition file 'title-#2.def' may be found} 
\}%
\NowButAfterBeginDocument
Nice shortcut:
\newcommand*{\NowButAfterBeginDocument}{\if@atdocument \expandafter\@firstofone \else \expandafter\AtBeginDocument \fi} 
\DeclareOption*{\expandafter\TitlePageStyle\expandafter{\CurrentOption}} 
\FamilyProcessOptions*\relax

\providecommand*{\chairmanname}{Chairman} \providecommand*{\studentpapername}{Student Paper} \providecommand*{\projectpapername}{Project Paper} \providecommand*{\diplomathesisname}{Diploma Thesis} \providecommand*{\degreethesisname}{Degree Thesis} \providecommand*{\masterthesisname}{Master Thesis} \providecommand*{\bachelorthesisname}{Bachelor Thesis} \providecommand*{\presentedbyname}{presented by} \providecommand*{\advisorname}{Advisor} \providecommand*{\ofthename}{of the} \providecommand*{\fromname}{from} \providecommand*{\malererefereename}{Referee}\providecommand*{\femalerefereename}{Referee} \providecommand*{\englishordinal}{Ordinal} \providecommand*{\englishordinalmale}{Ordinal} \providecommand*{\englishordinalfemale}{Ordinal} \providecommand*{\oralexaminationdatename}{Date of Oral Examination} 

\chairmanname
\studentpapername
\projectpapername
\diplomathesisname
\degreethesisname
\masterthesisname
\bachelorthesisname
\presentedbyname
\advisorname
\ofthename
\fromname
\malererefereename
\femalerefereename
\englishordinalmale
\englishordinalfemale
\oralexaminationdatename
\ordinal
\maleordinal
\femaleordinal
\indatename
\newcommand*{\germanordinalmalecorrectorname}[1]{\%
  \ifnum #1<\@ne
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define German ordinal names for correctors from 1}%
  \else
  \ifcase #1
  \or Erstkorrektor\or Zweitkorrektor\or Drittkorrektor\or Viertkorrektor\else
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define German ordinal names for correctors up to 6}%
  \fi
  \fi
}\}

\newcommand*{\germanordinalfemalecorrectorname}[1]{\germanordinalmalecorrectorname{#1}in}%

\englishordinal
\newcommand*{\englishordinal}[1]{\%
  \ifcsname engordnumber\endcsname
  \engordnumber{#1}%
  \else
  \ifnum #1<\@ne
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define English ordinals from 1}%
  \else
  \ifcase #1
  \or 1st\or 2nd\or 3rd\or 4th\or 5th\or 6th\or 7th\or 8th\or 9th\or 10th\else
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define English ordinals from 1 to 10.}\\MessageBreak
  You may load package ‘engord’ to improve support of english ordinals}%
  \fi
  \fi
  \fi
}\}

\germanordinal
\germanmaleordinal
\germanfemaleordinal
\newcommand*{\germanordinal}[1]{\%
  \ifnum #1<\@ne
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define German ordinals from 1}%
  \else
  \ifnum #1=\@ne
  \fi
  \fi
}\}

\newcommand*{\germanmaleordinal}[1]{\%
  \ifnum #1<\@ne
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define German ordinals from 1}%
  \else
  \ifnum #1=\@ne
  \fi
  \fi
}\}

\newcommand*{\germanfemaleordinal}[1]{\%
  \ifnum #1<\@ne
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define German ordinals from 1}%
  \else
  \ifnum #1=\@ne
  \fi
  \fi
}\}
4.3 The titlepage Drivers

Each style corresponds with an own member. Nevertheless most styles will not
have options in their own, because string options should be global to make change of style very easy.

```latex
\DefineFamilyMember{DHBW}{DHBW%}
\DefineFamilyMember{KOMAScript}{KOMAScript%}
\DefineFamilyMember{TU-DD}{TU-DD%}
\DefineFamilyMember{TU-HH}{TU-HH%}
\DefineFamilyMember{Markus}{Markus-1%}
\DefineFamilyMember{Markus}{Markus-2%}
\DefineFamilyMember{Spacer}{Spacer%}
\DefineFamilyMember{KIT}{KIT%}
\DefineFamilyMember{JT-Aufsaetze}{JT-Aufsaetze%}
\DefineFamilyMember{JT-Geschichte}{JT-Geschichte%}
\DefineFamilyMember{JT-Typography}{JT-Typography%}
\DefineFamilyMember{WWUM}{WWUM%}
\DefineFamilyMember{UKoLa}{UKoLa%}
```

Nevertheless some styles have their own switches:

- `blackborder` (opt.) `Trauerrand` at style `TU-DD`:

```latex
\FamilyBoolKey{TU-DD}{title}{blackborder}{blackborder}
```

- `final` (opt.) Style `TU-HH` distinguishes between drafts and final thesis.

```latex
\FamilyBoolKey{TU-HH}{title}{final}{final}
```

- `rulewidth` (opt.) Some styles have some variable rules at the title:

```latex
\FamilyKey{TU-HH}{title}{rulewidth}{%}
\FamilyKey{TU-HH}{title}{rulesep}{%}
\FamilyKey{TU-HH}{title}{rulecolor}{%}
```

- `rulesep` (opt.)

```latex
\FamilyKey{TU-HH}{title}{rulesep}{%}
```

- `rulecolor` (opt.)

```latex
\FamilyKey{TU-HH}{title}{rulecolor}{%}
```

40
An some has their own terms:
The Graduation Committee of the
\usenonemptytitleelement{university} to the Acquisition of the Academic Degree
\usenonemptytitleelement{academicgrade} if final approved else submitted \fi
\@subject

\providecommand*{\presentationinformationTUHH}{% \iffinal Of the \else The \fi Graduation Committee of the\[.5ex\] to the Acquisition of the Academic Degree\[.5ex\] \usenonemptytitleelement{university} to the Acquisition of the Academic Degree\[.5ex\] \usenonemptytitleelement{academicgrade} if final approved else submitted \fi
\@subject}

\providecaptionname{american,australian,british,canadian,english,newzealand,UKenglish,USenglish}{\presentationinformationTUHH}{% \iffinal Of the \else The \fi Graduation Committee of the\[.5ex\] to the Acquisition of the Academic Degree\[.5ex\] \usenonemptytitleelement{academicgrade} if final approved else submitted \fi
\@subject}

\providecommand*{\presentationinformationKIT}{% \iffinal Vom \else Dem \fi Promotionsausschuss der\[.5ex\] zur Erlangung des akademischen Grades\[.5ex\] \usenonemptytitleelement{academicgrade} if final genehmigte else vorgelegte \fi
\@subject} \begin{comment}
\iffinal {\presentationinformationKIT}{\iffinal Vom \else Dem \fi Promotionsausschuss der\[.5ex\] zur Erlangung des akademischen Grades\[.5ex\] \usenonemptytitleelement{academicgrade} if final genehmigte else vorgelegte \fi
\@subject} \end{comment}

\providecommand*{\presentationinformationWWUM}{% \iffinal An der \else Der \fi \usenonemptytitleelement{university} to the \usenonemptytitleelement{academicgrade} of the \usenonemptytitleelement{science} of the \usenonemptytitleelement{faculty} of the \usenonemptytitleelement{university}}

\providecaptionname{american,australian,british,canadian,english,newzealand,UKenglish,USenglish}{\presentationinformationWWUM}{% \iffinal An der \else Der \fi \usenonemptytitleelement{university} to the \usenonemptytitleelement{academicgrade} of the \usenonemptytitleelement{science} of the \usenonemptytitleelement{faculty} of the \usenonemptytitleelement{university}}

\providecommand*{\presentationinformationKIT}{% \iffinal At the \else Der \fi \usenonemptytitleelement{faculty} to the \usenonemptytitleelement{academicgrade} of the \usenonemptytitleelement{science} of the \usenonemptytitleelement{faculty} of the \usenonemptytitleelement{university}}

\providecaptionname{american,australian,british,canadian,english,newzealand,UKenglish,USenglish}{\presentationinformationKIT}{% \iffinal At the \else Der \fi \usenonemptytitleelement{faculty} to the \usenonemptytitleelement{academicgrade} of the \usenonemptytitleelement{science} of the \usenonemptytitleelement{faculty} of the \usenonemptytitleelement{university}}

\providecommand*{\presentationinformationWWUM}{% \iffinal An der \else Der \fi \usenonemptytitleelement{university} to the \usenonemptytitleelement{academicgrade} of the \usenonemptytitleelement{science} of the \usenonemptytitleelement{faculty} of the \usenonemptytitleelement{university}}

\providecaptionname{american,australian,british,canadian,english,newzealand,UKenglish,USenglish}{\presentationinformationWWUM}{% \iffinal An der \else Der \fi \usenonemptytitleelement{university} to the \usenonemptytitleelement{academicgrade} of the \usenonemptytitleelement{science} of the \usenonemptytitleelement{faculty} of the \usenonemptytitleelement{university}}
While style initialization, something may change:

```
\renewcommand*{\inittitle}{%
\let\footnotesize\small
\let\footnoterule\relax
\let\footnote\thanks
\renewcommand*{\thefootnote}{\@fnsymbol\c@footnote}%
\let\@oldmakefnmark\@makefnmark
\renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}%
\ifx\@university\@empty
\university{\
\langle \text{DHBW}\rangle Dualen Hochschule%
\langle \text{TU-DD}\rangle Technische
nobreakspace Universit\"at \text{"at} nobreakspace Dresden%
\langle \text{TU-HH}\rangle Technische\nobreakspace Universit\"at \text{"at} nobreakspace Hamburg-Harburg%
\langle \text{KIT}\rangle KIT -- \text{KITlongname}
\langle \text{WWUM}\rangle Westf\"alischen Wilhelms-Universit\"at \"at M\"unster%
\}
\fi
\ifx\@place\@empty
\place{\
\langle \text{DHBW}\rangle Baden-W\"urttemberg%
\langle \text{TU-DD}\rangle Dresden%
\langle \text{TU-HH}\rangle Hamburg%
\langle \text{KIT}\rangle Karlsruhe%
\langle \text{WWUM}\rangle Westf\"alischen Wilhelms-Universit\"at \text{"at} M\"unster%
\}
\fi
\ifx\@mainlogo\@empty
\mainlogo{\
\langle \text{DHBW}\rangle \includegraphics[width=57mm,height=27mm]{DHBW_d_MOS_195x95_rgb_300.jpg}%
\langle \text{UKoLa}\rangle \includegraphics[width=39mm,height=27mm]{uni-koblenz-landau.png}%
\}
```

styles DHBW, TU-DD, TU-HH, KIT, and UKoLa set some variable if not already done
Try to detect one of the suitable PNGs of the KIT logo from https://de.wikipedia.org/wiki/Datei:Logo_KIT.svg.
\ifx\@titlepagefont\@empty
\renewcommand*{\@titlepagefont}{\usefont{T1}{phv}{m}{n}}%
\fi
⟨KIT⟩
⟨∗WWUM⟩
\ifx\@titlepagefont\@empty
\renewcommand*{\@titlepagefont}{\normalfont\large}\
\fi
⟨/WWUM⟩
⟨/DHBW | TU-DD | TU-HH | KIT | WWUM | UKoLa⟩

style Markus-2 uses it’s own pagestyle at the first title page

\def\ps@maintitle{%
\ps@empty
\def\@oddhead{%
\parbox[b][\headheight][b]{\hsize}{\@titlepagefont{%
\csname @titlehead\endcsname}}%
\let\@evenhead\@oddhead
%}
\let@evenhead\@oddhead
%}
⟨∗Markus & 2⟩

styles JT-Aufsätze and JT-Geschichte set some font defaults:

\ifx\@titlepagefont\@empty
\renewcommand*{\@titlepagefont}{\normalfont\Huge\itshape}%
\fi
⟨JT-Aufsätze⟩
⟨JT-Geschichte⟩
\ifx\@titlepagefont\@empty
\renewcommand*{\@titlepagefont}{\normalfont\let@tpf@extra\scshape}\
\fi
⟨/JT-Geschichte⟩
\ifx\titlefont\@empty
\renewcommand*{\titlefont}{\normalfont}\
\fi
⟨JT-Aufsätze | JT-Geschichte⟩

\providecommand*{\publishers}{\publisher}
\makemaintitle
This differs from style to style:

\renewcommand*{\makemaintitle}{%
Some of the styles need additional string options for the back of the main title. These are more structural than logical, so we do not define those globally!

\newcommand*{\test@male@female}[1][m]{%
  \global\advance@tempcnta by\@ne
  \Ifstr{##1}{f}{\def\fe@male{female}}{\def\fe@male{male}}%
  \@hangfrom{\csname ordinal\fe@male refereename\endcsname{\@tempcnta}: }%
  \def\and{\par\test@male@female}%
}%
\@tempcnta \z@
\expandafter\test@male@female\@referee\par
\vspace{3\baselineskip}
\@place, \Ifstr{\indatename}{}{}{\indatename }\@date\par
⟨/UKoLa⟩
\end{% 
⟨DHBW | TU-DD | TU-HH | KIT⟩ fullsizetitle}
(+KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography | WWUM | UKoLa)
titlepage
(+KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography | WWUM | UKoLa)
}

Only some of the styles define this:
(+KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography)
\begin{titlepage}
\setlength{\parskip}{\z@}
\setlength{\parindent}{\z@}
\setlength{\parfillskip}{\z@\@plus 1fil}
\makemaintitleback

Some of the styles need additional string options for the pre title. These are more structural than logical, so we do not define those globally!

extratitle (opt.)
\extratitle
\@extratitle
\providecommand*{\@extratitle}{\gdef\extratitle{#1}}
\DefineFamilyKey{\KOMAScript}{KOMAScript}{\Markus-2}{\Spacer}{\JT-Aufsaetze}{\JT-Geschichte}{\JT-Typography}
\makepretitle
\makepretitleback

Only some styles have pre titles:
\texttt{"Markus \\ 1"}
\renewcommand*{\makepretitle}{\ifx\@extratitle\@empty\else\begin{titlepage}\noindent\@extratitle\end{titlepage}\fi}
\renewcommand*{\makepretitle}{\ifx\@publisher\@empty\else\begin{titlepage}\raggedleft\texttt{\large\strut\ignorespaces\@publisher}par\end{titlepage}\fi}
\renewcommand*{\makepretitle}{\begin{fullsizetitle}\@titlepagefont
\vspace*{.33\vsize}\centering\usenonemptytitleelement{author}\end{titlepage}}

\texttt{"WWUM"}
\renewcommand*{\makepretitle}{\ifx\@extratitle\@empty\else\begin{titlepage}\noindent\@extratitle\end{titlepage}\fi}
\renewcommand*{\makepretitle}{\ifx\@publisher\@empty\else\begin{titlepage}\raggedleft\{\@titlepagefont\%\large\strut\ignorespaces\@publisher\par\end{titlepage}\fi}
\renewcommand*{\makepretitle}{\begin{fullsizetitle}\@titlepagefont
\vspace*{.33\vsize}\centering\usenonemptytitleelement{author}\end{titlepage}}

\texttt{"Markus \\ 1"}
\renewcommand*{\makepretitle}{\ifx\@extratitle\@empty\else\begin{titlepage}\noindent\@extratitle\end{titlepage}\fi}
\renewcommand*{\makepretitle}{\ifx\@publisher\@empty\else\begin{titlepage}\raggedleft\{\@titlepagefont\%\large\strut\ignorespaces\@publisher\par\end{titlepage}\fi}
\renewcommand*{\makepretitle}{\begin{fullsizetitle}\@titlepagefont
\vspace*{.33\vsize}\centering\usenonemptytitleelement{author}\end{titlepage}}
And only some styles provides one more title page with dedication.

4.4 The Examples and the Manual
\usepackage{fontspec}
\setmainfont{TeX Gyre Termes}
\setsansfont{TeX Gyre Heros}
\if\TU-HH | TU-DD\else
\usepackage[T1]{fontenc}
\usepackage{lmodern}
\fi
\langle TU-HH | TU-DD \rangle \usepackage{mathpazo} \langle TU-HH | TU-DD \rangle \usepackage{helvet} \fi
\langle JT-Geschichte \rangle \usepackage{microtype}
\langle DHBW | Spacer | UKoLa \rangle \usepackage[demo]{graphicx} \% remove option demo if you have the logo
\usepackage{xcolor}
\langle JT-Geschichte | JT-Typography \rangle \colorlet{RED}{red} \% because of \MakeUppercase{\textcolor{red}{...}}
\usepackage{uni-titlepage}
\begin{document}
\langle∗ \DHBW \rangle
\TitlePageStyle{DHBW}
\makeatletter\providecommand*{\@titlepagefont}{\normalfont\sffamily}\makeatother
\setkomafont{subject}{\sffamily\bfseries}
\maketitle[\
  titlefont=\sffamily,\n  mainlogo=\textcolor{red}{{%  \% You may add a company logo here!\n  \% NOTE: The original logo has a large white border!\n  \% includegraphics[width=57mm,height=27mm]{{DHBW_d_MOS_195x95_rgb_300.jpg}}\n  {DHBW_d_MOS_195x95_rgb_300.jpg})\n  }},\n  \% You may additionally change titlehead. The original definition of\n  \% titlehead is:\n  \% titlehead=\{\hspace{\fill}\usethemelement{mainlogo}\},\n  title=\textcolor{red}{Bachelorarbeitsthema},\n  subject=\textcolor{red}{BACHELORARBEIT},\n  academicgrade=\textcolor{red}{Bachelor of Engineering},\n  discipline=\textcolor{red}{Studiengang},\n  place=\textcolor{red}{Baden-Württemberg \textcolor{red}{\{Stadt\}}},\n  student=\textcolor{red}{Vorname Nachname},\n  duration=\textcolor{red}{12 Wochen},\n  matriculationnumber=\textcolor{red}{\{Matrikelnummer\}},\n  course=\textcolor{red}\{Kurskürzel\},\n  company=\textcolor{red}{\{Firmenname, Stadt\}},\n  advisor=\textcolor{red}{\{Titel Vorname Nachname\}},\n  referee=\textcolor{red}{\{Titel Vorname Nachname\}},\n  date=\textcolor{red}{\{Abgabedatum\}} ]\n\langle∗ \TU-DD \rangle
\TitlePageStyle{TU-DD}
\maketitle[\n  title=\textcolor{red}{\{Titel im Stil \texttt{TU-DD}\}},\n  university=\textcolor{red}{\% Technische\\nobreakspace Universi\"at\nobreakspace Dresden},\n  faculty=\textcolor{red}{\{Fakultät Wirtschaftswissenschaften\}},\n  chair=\textcolor{red}{\{SAP-Stiftungslehrstuhl für \}}}
subject={\textcolor{red}{Klassifizierung der Arbeit}},%  
author={\textcolor{red}{Markus Kohm}},%  
faculty={\textcolor{red}{Fakultät für Informatik}},%  
chair={\textcolor{red}{Institute for Program Structures \and Data Organization (IPA)}},%  
advisor={\textcolor{red}{Titel Vorname Nachname} \and \textcolor{red}{Titel Vorname Nachname}},%  
referee={\textcolor{red}{Titel Vorname Nachname} \and \textcolor{red}{Titel Vorname Nachname}},%  
duration={\textcolor{red}{XX. Monat 20XX -- XX. Monat 20XX}},%  
university={\textcolor{red}{\KITlongname}},%  
homepage={\textcolor{red}{\KITurl}}%
\maketitle
\title{Titel der Arbeit}
\subject{Inaugural-Dissertation}
\academicgrade{Doktorgrades}
\discipline{Physik}
\science{Naturwissenschaften}
\chair{Experimentelle Physik}
\faculty{Mathematisch-Naturwissenschaftlichen}
\author{Mein Name}
\place{Geburtsort}
\referee{Peter Mustermann}\and\referee{Petra Musterfrau}

\titlefont\mainlogo\secondlogo\chair\secondlogo\academicgrade\discipline\place\author\advisor\referee\referee
Institut, Fachbereich innerhalb der Universität / Institution außerhalb der Universität

\date={\textcolor{red}{Abgabemonat}},

\end{document}

\begin{document}
\title{More Titlepage Styles with Package \pkg{uni-titlepage}}
\author{\href{mailto:komascript@gmx.info}{Markus Kohm}}
\date{\fileversion{} \filedate}
\maketitle
\begin{abstract}

\end{abstract}
\end{document}
# ABSTRACT

Creation of title pages is something most authors should not have to do. But reality is not perfect, so a lot of authors have to do it. In 2009 KOMA started the title page project at [https://komascript.de/titlepage](https://komascript.de/titlepage) to collect real title pages and implement them with a well defined interface. In 2021 the project has been moved to [https://github.com/komascript/uni-titlepage](https://github.com/komascript/uni-titlepage) and renamed.

Now, changing from one title page style to another would be very simple. Nevertheless implementation of a new title page style may be still difficult. But maybe the guys of the title page project would help you. Just ask!

# Unpacking and Installation for Developers and Distributors

To unpack and install all files, you can download the source from github and then run:

```
13build install
```

Afterwards you can build the manual and the PDFs of the examples using:

```
13build doc
```

As an alternative you can use the CTAN source distribution. This already contains the user manual and the PDFs of the example files. So you only have to run

```
tex uni-titlepage.dtx
```

to generate the package file `uni-titlepage.sty`, the title definition files `title-*.def` and the example titlepages `titlepage-*.tex`.

Please note, the `title-*.def` files are run-time files. Together with
"uni-titlepage.sty" they have to be placed in \texttt{tex/latex/uni-titlepage} inside a TDS tree. All files \texttt{titlepage-*.tex} and \texttt{titlepage-*.pdf} as well as \texttt{uni-titlepage.pdf} are part of the documentation and should be placed in \texttt{doc/latex/uni-titlepage/} of the TDS tree.

# Unpacking and Installation for Users

Users can use the installation described at \cite[Unpacking and Installation for Developers and Distributors]{unpacking-and-installation-for-developers-and-distributors}. However, if your TeX distributor already distributes a ready for installation package, you do not need and should not create files and copy them yourself. Just use the package manager of your TeX distribution to install the package.

# How to Contribute

If you have made a title definition that is not specific for a single project but could be of interest for other users, you can either

* make your own \texttt{uni-titlepage-FOO} package with its own manual and \cite[upload it to ctan]{https://www.ctan.org/upload},
* contribute in adding it to \texttt{uni-titlepage}.

The first option has the advantage, that you are free. There won't be any code reviews by the \texttt{uni-titlepage} developers. You don't need to use the same coding style. There is not need to accept the license of \texttt{uni-titlepage} etc. But in this case you have to take care to keep it compatible with future releases of \texttt{uni-titlepage} and it will not be presented in the \texttt{uni-titlepage} manual.

The second option has the advantage, that after accepting your code, the \texttt{uni-titlepage} developers will try to keep it working even if they change \texttt{uni-titlepage}. But there are several restrictions to your code, before it will be accepted. For example, you should always try to use general options, if possible. *Static text* (not handled by options) should be configurable via \texttt{\newcaptionname}, \texttt{\providecaptionname} and \texttt{\renewcaptionname} and should be available at least in English and German (but if we can, we help in translating them). The coding style and quality is also a criterion.

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