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!
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 Several title page styles are supported. You may select a title page style using:
\TitlePageStyle[{\langle option\rangle}=\langle value\rangle,...]{\langle style\rangle}.
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,...].
Again, you may use every package option and every style option as optional argu-
ment.
\TitleOption 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,...}.
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 correspond-
ing 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{\{This is the Title\}} or \TitlePageStyle
[title=\{This is the Title\}]{...} 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>every style</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 be, 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, WWUM, 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>
<tr>
<td>String Option</td>
<td>Styles</td>
<td>Common Meaning</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<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-Aufsatz, 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, WWUM, UKoLa) multiple referees may be separated with \and</td>
</tr>
<tr>
<td>science</td>
<td>WWUM</td>
<td>kind of science, e.g., “Naturwissenschaften”</td>
</tr>
<tr>
<td>student</td>
<td>see author</td>
<td>alias option to author</td>
</tr>
<tr>
<td>subject</td>
<td>every style</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 dependent replacement will be done; to avoid this, you may set the value in parentesis</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>every style</td>
<td>the main title of the document</td>
</tr>
<tr>
<td>titlehead</td>
<td>DHBW, KOMAScript, Markus-2, Spacer, KIT</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 56. At the shown examples most variable contents have been made red.
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 `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 twoside mode with `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={}. 
2. only in twoside mode with publisher defined by author.
3. main title page with subject, title, subtitle, and date.
4. only in twoside 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 twoside 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 to high, it might be put outside the page; if it is to deep, it might overwrite part of the title), rulenwidth and rulesep for the vertical rule (these aren’t package options but style options), subject, title, subtitle, author, date, and publisher.
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 and rulesep for the vertical rule (these aren’t package options but style options), subject, title, subtitle, author, date, and publisher.
Eine Widmung

4. only in twoside 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 twoside mode with `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, matriculationnumber, advisor, place, and date.

But there is another variant. If option blackborder was set to true, an 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, matriculationnumber, 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, 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 and rulesep for width of the horizontal rules and the distance between them (these aren’t package options but style options).

Markus Kohm

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 (these aren’t package options but style options).

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, science, 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 (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 (env.) In oposite to the titlepage environment of the standard classes,

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

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

\fullsizetitle (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 (element). Each main (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 (element), because it’s only an alias for author.

\usenonemptytitleelement Command

\usenonemptytitleelement{(element)}

is a variant of \usetitleelement that not only reports an error for a not existing (element) but also for an empty (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

l3build unpack
l3build doc

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

l3build install

to install them in TEXMFHOME. See the manual of l3build 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
\}
\preamble
\Copyright{2009-2022 by Markus Kohm <komascript(at)gmx.info>}
This file was generated from file(s) of uni-titlepage distribution.
---------------------------------------------------------------------
This work may be distributed and/or modified under the conditions of
the LaTeX Project Public License, version 1.3c of the license.
The latest version of this license is in
http://www.latex-project.org/lppl.txt
and version 1.3c or later is part of all distributions of LaTeX
version 2005/12/01 or later.
This work has the LPPL maintenance status "maintained".

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-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{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}\}%
\% \nopreamble\nopostamble
\% \file{README.md}\{\from{uni-titlepage.dtx}{README}\}%
}

At docstrip run we like to finish the file know:
\%}

\ifndef{Toplevel}%
\Msg{\space\space done.}
\Msg{You may install all the files now.}
\Msg{*******************************************************************************}
\}%

\csname endinput\endcsname
4.2 The Package \texttt{scrbase}

\texttt{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}
\RequirePackage{scrbase}[2014/12/03]
\DefineFamily{title}
\DefineFamilyMember{title}
\newcommand*{\TitleOptions}{\FamilyOptions{title}}
\newcommand*{\TitleOption}{\FamilyOption{title}}
\newcounter{titlepage}\setcounter{titlepage}{1}
\DefineFamilyKey{title}{pagenumber}{%
\setcounter{titlepage}{#1}\FamilyKeyStateProcessed}
\DefineFamilyKey{title}{pagestyle}{%
\renewcommand*{\titlepagestyle}{#1}\FamilyKeyStateProcessed}
\if@resonecol
\ifcsname @restonecolfalse\endcsname
\expandafter\@gobble
\else
\expandafter\@firstofone
\fi
\else
\fi
\providecommand*{\maketitle}{%
\inittitle
\makepretitle
\makemaintitle
\makeposttitle
\makeposttitleback
\tp@undefinedtitle
\endtitlepage
\end{verbatim}

\texttt{titlepagestyle} \texttt{pagestyle (opt.)}

\begin{verbatim}
\providecommand*{\titlepagestyle}{%
\renewcommand*{\titlepagestyle}{empty}
\DefineFamilyKey{title}{pagestyle}{%
\renewcommand*{\titlepagestyle}{#1}\FamilyKeyStateProcessed}
\end{verbatim}

\if@resonecol
\ifcsname @restonecolfalse\endcsname\endcsname
\expandafter\@gobble
\else
\expandafter\@firstofone
\fi
\else
\fi
\providecommand*{\maketitle}{%
\inittitle
\makepretitle
\makemaintitle
\makeposttitle
\makeposttitleback
\tp@undefinedtitle
\endtitlepage
\end{verbatim}

\texttt{Set of commands, that define a title style:}

\begin{verbatim}
\newcommand*{\tp@undefinedtitle}{%
\PackageInfo{uni-titlepage}{leaving not defined #1-title page empty}}
\newcommand*{\inittitle}{%
\PackageInfo{uni-titlepage}{(leaving not defined #1-title page empty)}}
\end{verbatim}

\end{verbatim}
\inittitlestyle Will be called before loading a title style:
\newcommand*{\inittitlestyle}{% 
\renewenvironment{titlepage}[1][]{% 
  \TitleOptions{##1}%
  \clearpage
  \if@twocolumn
    \@restonecoltrue\onecolumn
  \else
    \@restonecolfalse
  \fi
  \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
  \if@twoside% einseitigen Satz ist mir alles egal
  \ifodd\value{page}%
    \null\newpage
  \fi
  \else
  \Current page number is even ...
  \ifodd\value{titlepage}%
    \null\newpage % Leerseite
  \fi
  \fi
  \setcounter{page}{\value{titlepage}}%
  \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
  \if@restonecol\twocolumn \else \newpage\fi
  \stepcounter{titlepage}%
\}}% 
\renewcommand*{\maketitle}[1][]{% 
\begingroup 
\TitleOptions{##1}%
\inittitle 
\makepretitle\if@twoside\makepretitleback\fi 
\makemaintitle\if@twoside\makemaintitleback\fi 
\makeposttitle\if@twoside\makeposttitleback\fi 
\exittitle 
\endgroup 
\renewcommand*{\inittitle}{}% 
\renewcommand*{\makepretitle}{\tp@undefinedtitle{pre}}% 
\renewcommand*{\makepretitleback}{\tp@undefinedtitle{back of pre}}% 
\renewcommand*{\makemaintitle}{\tp@undefinedtitle{main}}% 
\renewcommand*{\makemaintitleback}{\tp@undefinedtitle{back of main}}% 
\renewcommand*{\makeposttitle}{\tp@undefinedtitle{post}}%
New environment for full page titles (with respect to BCOR or Gm@bindingoffset if defined)

\newsavebox{titlebox}
\newenvironment{fullsizetitle}[1][]{%
\TitleOptions{#1}%
\begin{lrbox}{\titlebox}
\hsize\paperwidth
\scr@ifundefinedorrelax{ta@bcor}{%
\scr@ifundefinedorrelax{Gm@bindingoffset}{%\%
\advanve\hsize-\Gm@bindingoffset}%
\}%
\advance\hsize-\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 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value%}
\}%
\}%
\vsize\paperheight
\linewidth\hsize
\columnwidth\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
\scr@ifundefinedorrelax{ta@bcor}{%
\scr@ifundefinedorrelax{Gm@bindingoffset}{%\%
\hskip\Gm@bindingoffset}%
\}%
\else
\hskip\ta@bcor
\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 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value%
\}%
\vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
\vskip-\topskip
\raggedright
\leavevmode
\hskip-1in
\ifodd\c@page
\hskip-\oddsidemargin
\scr@ifundefinedorrelax{ta@bcor}{%
\scr@ifundefinedorrelax{Gm@bindingoffset}{%\%
\hskip\Gm@bindingoffset}%
\}%
\else
\hskip\ta@bcor
\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 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value%
\}%
\vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
\vskip-\topskip
\raggedright
\leavevmode
\hskip-1in
\ifodd\c@page
\hskip-\oddsidemargin
\scr@ifundefinedorrelax{ta@bcor}{%
\scr@ifundefinedorrelax{Gm@bindingoffset}{%\%
\hskip\Gm@bindingoffset}%
\}%
\else
\hskip\ta@bcor
\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 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value%
\}%
\vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
\vskip-\topskip
\raggedright
\leavevmode
\hskip-1in
\ifodd\c@page
\hskip-\oddsidemargin
\scr@ifundefinedorrelax{ta@bcor}{%
\scr@ifundefinedorrelax{Gm@bindingoffset}{%\%
\hskip\Gm@bindingoffset}%
\}%
\else
\hskip\ta@bcor
\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 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value%
\}%
\vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
\vskip-\topskip
\raggedright
\leavevmode
\hskip-1in
\ifodd\c@page
\hskip-\oddsidemargin
\scr@ifundefinedorrelax{ta@bcor}{%
\scr@ifundefinedorrelax{Gm@bindingoffset}{%\%
\hskip\Gm@bindingoffset}%
\}%
\else
\hskip\ta@bcor
\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 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value%
\}%
\vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
\vskip-\topskip
\raggedright
\leavevmode
\hskip-1in
\ifodd\c@page
\hskip-\oddsidemargin
\scr@ifundefinedorrelax{ta@bcor}{%
\scr@ifundefinedorrelax{Gm@bindingoffset}{%\%
\hskip\Gm@bindingoffset}%
\}%
\else
\hskip\ta@bcor
\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 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak to make uni-titlepage use this value%
\}}%
Define title page “variables”:
\DefineSimpleTitleKey
\DefineReplaceTitleKey
\tp@dokeys
\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}
\Ifstr For compatibility with old versions of \texttt{scrbase} the macro is provided based on \texttt{ifstr} if it has not been defined by \texttt{scrbase}.

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

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

\begin{verbatim}
\sience \DefineSimpleTitleKey{sience}
283 \sience (opt.)
\@sience \DefineSimpleTitleKey{sience}
\sience (opt.)
\discipline \DefineSimpleTitleKey{discipline}
284 \discipline (opt.)
\@discipline \DefineSimpleTitleKey{discipline}
\discipline (opt.)
\academicgrade \DefineSimpleTitleKey{academicgrade}
285 \academicgrade (opt.)
\@academicgrade \DefineSimpleTitleKey{academicgrade}
\academicgrade (opt.)
\matriculationnumber \DefineSimpleTitleKey{matriculationnumber}
286 \matriculationnumber (opt.)
\@matriculationnumber \DefineSimpleTitleKey{matriculationnumber}
\matriculationnumber (opt.)
\advisor \DefineSimpleTitleKey{advisor}
287 \advisor (opt.)
\@advisor \DefineSimpleTitleKey{advisor}
\advisor (opt.)
\referee \DefineSimpleTitleKey{referee}
288 \referee (opt.)
\@referee \DefineSimpleTitleKey{referee}
\referee (opt.)
\place \DefineSimpleTitleKey{place}
289 \place (opt.)
\@place \DefineSimpleTitleKey{place}
\place (opt.)
\publisher \DefineSimpleTitleKey{publisher}
290 \publisher (opt.)
\@publisher \DefineSimpleTitleKey{publisher}
\publisher (opt.)
291 \renewcommand*{\@publisher}{\csname @publishers\endcsname}
\mainlogo \DefineSimpleTitleKey{mainlogo}
292 \mainlogo (opt.)
\@mainlogo \DefineSimpleTitleKey{mainlogo}
\mainlogo (opt.)
\secondlogo \DefineSimpleTitleKey{secondlogo}
293 \secondlogo (opt.)
\@secondlogo \DefineSimpleTitleKey{secondlogo}
\secondlogo (opt.)
\oralexaminationdate \DefineSimpleTitleKey{oralexaminationdate}
294 \oralexaminationdate (opt.)
\@oralexaminationdate \ DefineSimpleTitleKey{oralexaminationdate}
\oralexaminationdate (opt.)
\end{verbatim}

\end{verbatim}

31
Users cannot simply use, e.g., \@title, \@mainlogo etc. So we need a command to get them:

```latex
\newcommand*{\usetitleelement}[1]{
  \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.}%
}\newcommand*{\usenonemptytitleelement}[1]{
  \expandafter\ifx\csname @#1\endcsname\@empty
    \PackageError{uni-titlepage}{empty title element '#1'}{Title element '#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 \string\strut\space will be used.}%
    \strut
  \else
    \usetitleelement{#1}%
  \fi
}\newcommand*{\titlepagefont}[1]{
  \scr@ifundefinedorrelax{newkomafont}{\newcommand*{\@titlepagefont}{}%}
  \newkomafont{titlepage}{}
}\DefineFamilyKey{title}{titlepagefont}{\newcommand*{\@titlepagefont}{#1}}%\renewcommand*{\@titlepagefont}{#1}
```

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

Some variables use their own configurable font:
\FamilyKeyStateProcessed

subjectfont (opt.)
  \subject@font
providecommand*{\subject@font}{\bfseries}
DefineFamilyKey{title}{subjectfont} %
renewcommand*{\subject@font}{#1} %
\FamilyKeyStateProcessed

\titlefont (opt.)
  \title@font
providecommand*{\titlefont}{\bfseries}
DefineFamilyKey{title}{titlefont} %
renewcommand*{\titlefont}{#1} %
\FamilyKeyStateProcessed

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}\noexpand\catcode'\noexpand\@=\the\catcode'@}
    \@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
}
Language dependent terms:

\providecommand*{\chairmanname}{Chairman}
\providecommand*{\projectpapername}{Project Paper}
\providecommand*{\seminarpapername}{Seminar Paper}
\providecommand*{\studentresearchname}{Student Research Project}
\providecommand*{\diplomathesisname}{Diploma Thesis}
\providecommand*{\degreethesisname}{Degree Thesis}
\providecommand*{\masterthesisname}{Master Thesis}
\providecommand*{\bachelorthesisname}{Bachelor Thesis}
\providecommand*{\presentedbyname}{presented by}
\providecommand*{\advisorname}{Advisor}
\providecommand*{\thename}{}
\providecommand*{\ofthename}{of the}
\providecommand*{\fromname}{from}
\providecommand*{\fromplacename}{from}
\providecommand*{\refereename}{Referee}
\providecommand*{\femalerefereename}{\refereename}
\providecommand*{\malerefereename}{\refereename}
\providecommand*{\ordinalmalerefereename}{\englishordinalmalerefereename}
\providecommand*{\ordinalfemalerefereename}{\englishordinalfemalerefereename}
\providecommand*{\oralexaminationdatename}{Date of Oral Examination}
\providecommand*{\atonname}{at}
\providecommand*{\durationname}{Processing Time}
\providecommand*{\matriculationnumbername}{Matriculationnumber
\providecommand*{\coursename}{Course}
\providecommand*{\companyname}{Training Company}
\providecommand*{\examinationname}{Examination}
\providecommand*{\examinationdatename}{Date of Examination}
\providecommand*{\maleordinal}{\englishordinal}
\providecommand*{\femaleordinal}{\englishordinal}
\providecommand*{\indatename}{in
\newcommand*{\englishordinalfemalerefereename}[1]{% 
\englishordinalmalerefereename(#1)%
}

\germanordinalmalerefereename
\newcommand*{\germanordinalmalerefereename}[1]{% 
  \ifnum #1<\@ne
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
  This package does only define German ordinal names for referees from 1}%
  \else
  \ifcase #1
  \or Erstgutachter\or Zweitgutachter\or Drittgutachter\or Viertgutachter\else
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
  This package does only define German ordinal names for referees up to 4}%
  \fi
  \fi
\}
\germanordinalfemalerefereename
\newcommand*{\germanordinalfemalerefereename}[1]{% 
  \germanordinalfemalerefereename(#1)\in%
\}

\germanordinalmalecorrectorname
\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
\}
\germanordinalfemalecorrectorname
\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 ordinal numbers for the English language}%
  \fi
\}

37
\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\message{}
\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
  #1.\fi}
\newcommand*{\germanmaleordinal}[1]{\ifcase #1
  \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{% This package does only define german male ordinals from 1}\%
\or Erster\or Zweiter\or Dritter\or Vierter\or F"unfter\or Sechster\or Siebter\or Achter\or Neunter\or Zehnter\else
  \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{% This package does only define german male ordinals up to 10}\%
\fi
\fi\message{}
\newcommand*{\germanfemaleordinal}[1]{\ifcase #1
  \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{% This package does only define german female ordinals from 1}\%
\or Erste\or Zweite\or Dritte\or Vierte\or F"unfte\or Sechste\or Siebte\or Achte\or Neunte\or Zehnte\else
  \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{% This package does only define german female ordinals up to 10}\%
\fi
\fi\message{}

4.3 The titlepage Drivers

\begingroup
\def\PackageNotLoadedError#1{% \GenericError{\@spaces\@spaces\@spaces\@spaces\@spaces\@spaces\file '#1' error: package 'uni-titlepage' hasn't been loaded\%\message{}
\fi\message{}}

\newcommand{\germanordinal}[1]{{% \ifnum #1<\@ne
  \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{% This package does only define german ordinals from 1}\%
\else
  #1.\fi}
\newcommand{\germanmaleordinal}[1]{{\ifcase #1
  \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{% This package does only define german male ordinals from 1}\%
\or Erster\or Zweiter\or Dritter\or Vierter\or F"unfter\or Sechster\or Siebter\or Achter\or Neunter\or Zehnter\else
  \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{% This package does only define german male ordinals up to 10}\%
\fi
\fi\message{}}
\newcommand{\germanfemaleordinal}[1]{{\ifcase #1
  \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{% This package does only define german female ordinals from 1}\%
\or Erste\or Zweite\or Dritte\or Vierte\or F"unfte\or Sechste\or Siebte\or Achte\or Neunte\or Zehnte\else
  \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{% This package does only define german female ordinals up to 10}\%
\fi
\fi\message{}}

\endgroup
This definition file was made to be loaded by package ‘uni-titlepage’. You may not use it without package ‘uni-titlepage’!

See the documentation of package ‘uni-titlepage’ for explanation.

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.

Nevertheless some styles have their own switches:

blackborder (opt.) \textit{Trauerrand} at style TU-DD:

\begin{verbatim}
(TU-DD)\FamilyBoolKey[TU-DD]{title}{blackborder}{blackborder}
\end{verbatim}

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

\begin{verbatim}
(TU-HH)\FamilyBoolKey[TU-HH]{title}{final}{final}
\end{verbatim}

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

\begin{verbatim}
\title@rulewidth
\end{verbatim}
An some has their own terms:

\begin{itemize}
\item An\sage{2022/03/22}{using \cs{usenonemptytitleelement}}\sage{v1.0}{2022/03/22}{\usenonemptytitleelement{academicgrade}}
\item An\sage{2022/03/22}{using \cs{usenonemptytitleelement}}\sage{v1.0}{2022/03/22}{\usenonemptytitleelement{discipline}}
\end{itemize}
Of the Graduation Committee of the University to the Acquisition of the Academic Degree approved

At the Faculty

At der Promotionsausschuss zur Erlangung des akademischen Grades genehmigte vorgelegte

An der Faculty

At the Faculty

Associate
While style initialization, something may change:

\renewcommand*{\inittitle}{% 

style KOMAScript redefines some footnote macros:

\let\footnotesize\small 
\let\footnoterule\relax 
\let\footnote\thanks 
\renewcommand*{\thefootnote}{\@fnsymbol{\c@footnote}}% 
\let\@oldmakefnmark\@makefnmark 
\renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}% 

styles DHBW, TU-DD, TU-HH, KIT, and UKoLa set some variable if not already done 

\ifx\university\@empty 
\university{Dualen Hochschule}% 
\university{Technische\nobreakspace Universit\"at\nobreakspace Dresden}% 
\university{Technische\nobreakspace Universit\"at\nobreakspace Hamburg-Harburg}% 
\university{KIT -- \KITlongname}% 
\university{Westf\"alischen Wilhelms-Universit\"at M\"unster}% 
\fi 

\ifx\place\@empty 
\place{Baden-W\"urttemberg}% 
\place{Dresden}% 
\place{Hamburg}% 
\place{Karlsruhe}% 
\fi 

}
Style ‘WWUM’ needs the birth place of the student, so option ‘place=...' resp. \MessageBreak command ‘\string\place{...}’ is mandatory}%
Markus-2 uses its own pagestyle at the first title page

styles JT-Aufsätze and JT-Geschichte set some font defaults:
\publishers KOMA-Script defines this macro. But we use \publisher instead.

\makemaintitle This differs from style to style:
\begin{verbatim}
\renewcommand*{\makemaintitle}{%
\begin{DHBW|TU-DD|TU-HH|KIT}\fullsizetitle
\renewcommand{\makemaintitle}{%}
\end{verbatim}
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!

\upptitleback \lowttileback
Only some of the styles define this:

\begin{titlepage}
\vspace*{\fill}
\iffinal
\@tempcnta\z@
\def\and{%
\par\advance\@tempcnta by\one
\hangingfrom{%
\expandafter\ordinal\expandafter{\the\@tempcnta}~\refereename: \enskip}
}\}
\and\@referee
\fi
\vskip 1cm
\iffinal
\hangingfrom{\oralexaminationdatename: \enskip}{\@oralexaminationdate}%
\fi
\end{titlepage}

\begin{titlepage}
\vspace*{\fill}
\noindent
\@tempcnta\z@
\def\arraystretch{2}\
\newcommand*{\test@malefemale}{m}{%
\global\advance\@tempcnta by\one
\Ifstr{##1}{f}{\def\fe@male{female}}{\def\fe@male{male}}%
\csname \fe@male ordinal\endcsname{\the\@tempcnta}\space
\csname \fe@male refereename\endcsname: & \def\and{\%}
\}
\begin{tabular}{@{}ll@{}}
\chairmanname: & \@professor \\
\end{tabular}
\end{titlepage}
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⟩Markus-2% ⟨Spacer⟩Spacer% ⟨JT-Aufsätze⟩JT-Aufsätze% ⟨JT-Geschichte⟩JT-Geschichte% ⟨JT-Typography⟩JT-Typography% \{title\}{extratitle}\{extratitle\[1]\FamilyKeyStateProcessed\}

\makepretitle Only some styles have pre titles:
\makepretitleback
\makepretitle
\renewcommand*{\makepretitle}{\begin{titlepage}
\noindent\@extratitle
\end{titlepage}}\{\titlepagefont\par%}
\renewcommand*{\makepretitle}{\begin{fullsizetitle}
\@titlepagefont\par%}
4.4 The Examples and the Manual
\usepackage{ngerman}\{babel\}
\usepackage{iftex}
\iftex
\langle\ast\text{TU-HH}\mid\text{TU-DD}\rangle
\usepackage{fontspec}
\setmainfont{TeX Gyre Termes}
\setsansfont{TeX Gyre Heros}
\langle/\text{TU-HH}\mid\text{TU-DD}\rangle
\else
\usepackage[T1]{fontenc}
\usepackage{lmodern}
\langle/\text{TU-HH}\mid\text{TU-DD}\rangle
\usepackage{mathpazo}
\langle/\text{TU-HH}\mid\text{TU-DD}\rangle
\usepackage[scaled]{helvet}
\fi
\langle\text{JT-Geschichte}\rangle\usepackage{microtype}
\langle/\text{JT-Geschichte}\rangle\usepackage{uni-titlepage}
\begin{document}
\langle\ast\text{DHBW}\rangle
\TitlePageStyle{DHBW}
\maketitle[titlefont=\sffamily,mainlogo=\textcolor{red}{\{\hspace{\fill}\usetitleelement{mainlogo}\}},]
\% You may add a company logo here!
\% NOTE: The original logo has a large white border!
\% You may additionally change titlehead. The original definition of
\% titlehead is:
\% titlehead=\hspace{\fill}\usetitleelement{mainlogo}
\% title=\textcolor{red}{\{Bachelorarbeitsthema\}},
\% subject=\textcolor{red}{\{\texttt{BACHELORARBEIT}\}},
\% academicgrade=\textcolor{red}{\{\texttt{Bachelor of Engineering}\}},
\% discipline=\textcolor{red}{\{\texttt{Studiengang}\}},
\% place=\textcolor{red}{\{Baden-Württemberg\}},
\% student=\textcolor{red}{\{\texttt{Vorname Nachname}\}},
\% duration=\textcolor{red}{\{12 Wochen\}},
\% matriculationnumber=\textcolor{red}{\{\texttt{Matrikelnummer}\}},
\% course=\textcolor{red}{\{\texttt{Kurskürzel}\}},
\% company=\textcolor{red}{\{\texttt{Firmenname, Stadt}\}},
\% advisor=\textcolor{red}{\{\texttt{Titel Vorname Nachname}\}},
\% referee=\textcolor{red}{\{\texttt{Titel Vorname Nachname}\}},
\% date=\textcolor{red}{\{\texttt{Abgabedatum}\}}]
\langle\ast\text{TU-DD}\rangle
\TitlePageStyle{TU-DD}
\maketitle[title=\textcolor{red}{\{Titel im Stil\}}]
\end{document}
\setkomafont{title}{\normalfont\sffamily}% because of KOMA-Script class
\TitlePageStyle[pagenumber=1]{Markus-1}
maketitle[
  titlepagefont=\normalfont\sffamily,% to show is without KOMA-Script class
title=\textcolor{red}{Titel im Stil \texttt{Markus-1}},
subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
subtitle=\textcolor{red}{Untertitel},
publisher=\textcolor{red}{Verlag},
uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels im Stil \texttt{Markus-1}.},
lovrtitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels im Stil \texttt{Markus-1}.},
dedication=\textcolor{red}{Eine Widmung im Stil \texttt{Markus-1}},
author=\textcolor{red}{Markus Kohm\protect\and Sonst~Jemand} ]
\TitlePageStyle{Spacer}
maketitle[
  title=\textcolor{red}{Titel im Stil \texttt{Markus-2}},
subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
subtitle=\textcolor{red}{Untertitel},
publisher=\textcolor{red}{Verlag},
uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels im Stil \texttt{Markus-2}.},
lovrtitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels im Stil \texttt{Markus-2}.},
dedication=\textcolor{red}{Eine Widmung im Stil \texttt{Markus-2}},
author=\textcolor{red}{Markus Kohm} ]
\TitlePageStyle{KIT}
% You may additionally change titlehead. Original definition of titlehead

% is:
\titlehead{\usetitleelement{mainlogo}\hspace*{\fill}},
\title{\textcolor{red}{Titel der Arbeit}\ im Stil \texttt{KIT}},
\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

% There are only three official elements:
\begin{itemize}
  \item \author{\textcolor{red}{Markus Kohm}},
  \item \title{\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds ausgewählte Aufsätze über Fragen der Gestalt des Buches und der Typographie}},
  \item \titlefont{\normalfont, \% You may change the font of the main title}
\end{itemize}
\maketitle

% Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
% See Markus-2 for more information about those.

\maketitle

% There are only four official elements:
\begin{itemize}
  \item \author{\textcolor{red}{Markus Kohm}},
  \item \title{\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds Geschichte der Schrift in Bildern}},
  \item \titlefont{\itshape, \% You may change the font of the main title}
  \item \publisher{\textcolor{red}{Veröffentlicht für einen Verlag oder auch nicht}},
\end{itemize}
\maketitle

\maketitle

% There are only four official elements:
\begin{itemize}
  \item \author{\textcolor{red}{Markus Kohm}},
  \item \title{\textcolor{red}{Titel der Arbeit}},
  \item \subtitle{\textcolor{red}{angelehnt an the new Typography}},
  \item \publisher{\textcolor{red}{Veröffentlicht für einen Verlag oder auch nicht}},
\end{itemize}
\TitlePageStyle{WWUM}
\renewcaptionname{ngerman}{\examinationdatename}{Tag der Promotion}
\renewcaptionname{ngerman}{\chairmanname}{Dekan}
\renewcaptionname{ngerman}{\chairmanname}{Dekanin}
\maketitle[
\textcolor{red}{Titel der Arbeit}},
\textcolor{red}{Inaugural-Dissertation}},
\textcolor{red}{Doktorgrades}},
\textcolor{red}{Physik}),
\textcolor{red}{Naturwissenschaften}},{
\textcolor{red}{Experimentelle Physik}),
\textcolor{red}{Mathematisch-Naturwissenschaftlichen}},{
\textcolor{red}{Mein Name}},{
\textcolor{red}{Geburtsort}},{
\textcolor{red}{Mein Name}},{
\textcolor{red}{Peter Mustermann}
\textcolor{red}{Petra Musterfrau}},{
\textcolor{red}{Klaus Naseschwarz}])
\TitlePageStyle{UKoLa}
\maketitle[
\textcolor{red}{Nummer des Instituts:
Name des Instituts}},{
\textcolor{red}{Optionales weiteres Logo}},
\textcolor{red}{Titel der Studien-, Bachelor-, Master- oder Diplomarbeit}},{
\textcolor{red}{Diplom-Informatikers}},{
\textcolor{red}{Name des Studiengangs}},{
\textcolor{red}{Koblenz}},{
\textcolor{red}{Vorname und Nachname des Absolventen / der Absolventin}},{
\textcolor{red}{Mein Name}},{
\textcolor{red}{Institut, Fachbereich innerhalb der Universität / Institution außerhalb der Universität}},{
\textcolor{red}{Peter Mustermann}
\textcolor{red}{Petra Musterfrau}},{
\textcolor{red}{Title{},
\textcolor{red}{Vorname{}{Institut, Fachbereich innerhalb der Universität / Institution außerhalb der Universität}}}
\documentclass{ltxdoc}
\IfPackageAtLeastTF{doc}{2022/01/01}{}{\errhelp{To avoid this error message, use doc.sty v3 instead of v2}\errmessage{Package 'doc' is to old!}}
\usepackage[english]{babel}
\usepackage{xltabular}
\usepackage{ragged2e}
\usepackage{booktabs}
\usepackage{graphicx}
\usepackage{hvlogos}
\newcommand*\NewIn[1]{\leavevmode\marginpar{\footnotesize{hfill added in #1}}}
\newcommand*\ChangedIn[1]{\leavevmode\marginpar{\footnotesize{hfill changed in #1}}}
\NewDocElement[macrolike = true, toplevel = false, idxtype = , idxgroup = User commands, printtype = ]{InterfaceMacro}{imacro}
\NewDocElement[macrolike = false, toplevel = false, idxtype = opt., idxgroup = Title options, printtype = \textit{opt.}]{}{Option}
\NewDocumentCommand{\pkg}{sO{https://www.ctan.org/pkg/#3}m}{\IfBooleanTF{#1}{\@gobble}{\csname tl_if_blank:nTF\endcsname{#2}{\@gobble}\{\href}#2{\textsf{#3}}}#2{\textsf{#3}}}
\newcommand*{\File}{\texttt}
\CodelineIndex
\RecordChanges
\EnableCrossrefs
\GetFileInfo{uni-titlepage.drv}
\begin{document}
\title{More Titlepage Styles with Package \pkg{uni-titlepage}}
\author{\href{mailto:komascript@gmx.info}{Markus Kohm}}
\date{\fileversion{} \filedate}
\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:

```
l3build install
```

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

```
l3build 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 ‘tex/latex/uni-titlepage’ inside a TDS tree. All files ‘titlepage-*.tex’ and ‘titlepage-*.pdf’ as well as ‘uni-titlepage.pdf’ are part of the documentation and should be placed in ‘doc/latex/uni-titlepage/’ of the TDS tree.

# Unpacking and Installation for Users

Users can use the installation described at [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 ‘uni-titlepage-FOO’ package with its own manual and [upload it to ctan](https://www.ctan.org/upload),
* contribute in adding it to ‘uni-titlepage’.

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

The second option has the advantage, that after accepting your code, the ‘uni-titlepage’ developers will try to keep it working even if they change ‘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 ‘\newcaptionname’, ‘\providecaptionname’ and ‘\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.
Change History

0.5c
\presentationinformationDHBW:
\if replaced by \ifx ........ 40

v0.1
General: Start of project .... 24

v0.2
General: First version using
docstrip .................. 24
new style DHBW ............ 38
new style Spacer ............ 38

v0.2a
\makemaintitle: Markus-2:
\leavevmode added before\subject@font to avoid line
break after \subject@font

using package color or xcolor . 47
\makepretitle: Markus-1: Usage
of \@titlepagefont fixed .... 55

v0.3
General: new style KIT ........ 38
\@homepage: added ............ 29
homepage: added .............. 29

v0.4
General: new style JT-Aufsaetze 38
new style JT-Geschichte .... 38
new style JT-Typography .... 38
\@mainlogo: added .......... 31
\@usetitleelement@error: added 32
\mainlogo: added ............. 31
mainlogo: added ............. 31

73
\usetitleelement: added .......................... 32

\makemaintitle: fix influence of height of titlehead to vertical alignment of rule .......................... 50

v0.4b
\makepretitle: Markus-1:
publisher page may be omitted .......................... 55

v0.4c
\subject: typing error fixed
(mrpiggi) ............................................ 30

v0.5
\@science: added .................................. 31
\chairmanname: added ................................ 34
\femaleordinal: added ................................ 34
\femalerefereename: added ............................ 34
\fromname:
\NowButAfterBeginDocument not needed any more ................................ 42
provide several English and German languages ................................ 42
\KITlongname:
\NowButAfterBeginDocument not needed any more ................................ 42
provide several English and German languages ................................ 42
\maleordinal: added ................................ 34
\malerefereename: added ................................ 34
\presentationinformationDHBW:
\NowButAfterBeginDocument not needed any more ................................ 40
provide several English and German languages ................................ 40
\presentationinformationKIT:
\NowButAfterBeginDocument not needed any more ................................ 40
provide several English and German languages ................................ 40
\presentationinformationTUHH:
\NowButAfterBeginDocument not needed any more ................................ 40
provide several English and German languages ................................ 40
\presentationinformationWWUM:
new style WWUM ..................................... 40
\presentedbyname: changed value for WWUM ........................................... 43
\refereename:
\NowButAfterBeginDocument not needed any more ................................ 42
provide several English and German languages ................................ 42
\science: added ...................................... 31
\science: added ...................................... 31

v0.5a
\presentedbyname: fixed
swissgerman instead of swiss ................................ 43

v0.5b
\presentedbyname: changes have to be delayed ................................. 43

v0.5c
\advisorname: not needed
\AtBeginDocument removed .................................. 34
\bachelorthesisname: not needed
\AtBeginDocument removed .................................. 34
\chairmanname: not needed
\AtBeginDocument removed .................................. 34
\degreethesisname: not needed
\AtBeginDocument removed .................................. 34
\diplomathesisname: not needed
\AtBeginDocument removed .................................. 34
\femaleordinal: not needed
\AtBeginDocument removed .................................. 34
\femalerefereename: not needed
\AtBeginDocument removed .................................. 34
\fromname: not needed
\AtBeginDocument removed .................................. 34
\fromplacename: not needed
\AtBeginDocument removed .................................. 34
\malerefereename: not needed
\AtBeginDocument removed .................................. 34
\masterthesisname: not needed
\AtBeginDocument removed .................................. 34
\ofthename: not needed
\AtBeginDocument removed .................................. 34
\oralexaminationdatename: not needed \AtBeginDocument removed .................................. 34
\ordinal: not needed
\AtBeginDocument removed .................................. 34
\presentedbyname: not needed
\AtBeginDocument removed .................................. 34
\projectpapername: not needed
\AtBeginDocument removed .................................. 34
\refereename: not needed
\AtBeginDocument removed .................................. 34
\seminarpapername: not needed
\AtBeginDocument removed .................................. 34
\studentresearchname: not needed
\AtBeginDocument removed .................................. 34
\thename: not needed
\AtBeginDocument removed .................................. 34

v0.5e
\makemaintitleback: \ifstr in scrbase renamed to \Ifstr .................................. 54
\subject: \ifstr in scrbase renamed to \Ifstr .................................. 30
v0.5f

General: autodetect several logo picture files ................. 45
usage of l3build ................. 1

v0.6

General: package renamed from gobble-
https://www.ctan.org/pkg/titlepage into
gobblehttps://www.ctan.org/pkg/uni-titlepage ........... 1
\academicgrade: renamed "degree" to "academic grade" to avoid name clash with the
degree symbol ..................... 31 v0.7a
\academicgrade: renamed "degree"
to "academic grade" to avoid name clash with the degree
symbol ..................... 31 v0.7b
academicgrade: renamed "degree" to "academic grade" to avoid name clash with the degree
symbol ..................... 31 v0.7c

v0.7

General: don’t use inputenc any longer new style UKoLa ........... 56
\secondlogo: added ........... 31 v0.7a
\englishordinalfemalerefereename: added ........... 36
\englishordinalmalerefereename: added ........... 36
\germanordinalfemalerefereename: added ........... 36
\germanordinalmalerefereename: added ........... 36
\presentationinformationUKoLa: changed value for UKoLa ........... 43
\presentationinformationUKoLa: added ........... 40
\presentedbyname: changed value also for UKoLa ........... 43
\secondlogo: added ........... 31
\secondlogo: added ........... 31

v0.7b

\germanordinalmalecorrectorname: missing \fi added ........... 37
\germanordinalmalerefereename: missing \fi added ........... 37

v0.7c

\germanordinalmalerefereename: orphan empty line removed . 37

v1.0

General: prepared for engines using tu encoding ........... 56
using class ltxdoc instead of scrdoc ........... 62
\makemainitle: JT-Aufsatzte allows empty author ........... 47
\presentationinformationDHBW: using
\usenonemptytitleelement . 40
\presentationinformationTUHH: using
\usenonemptytitleelement . 40
\presentationinformationUKoLa: using
\usenonemptytitleelement . 40
\presentationinformationWWUM: using
\usenonemptytitleelement . 40
\usenonemptytitleelement: added ........... 32