

# More Titlepage Styles with Package `uni-titlepage`

Markus Kohm

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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` Several title page styles are supported. You may select a title page style using:

```
\TitlePageStyle[<option>=<value>,...]{<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[<option>=<value>,...].
```

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

`TitleOption` Another way to set an option is to use either

`TitleOptions`

```
\TitleOption{<option>}{<value>}
```

or

```
\TitleOptions{<option>=<value>,...}.
```

You can set every package option and 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}]{...}` 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!

<i>String Option</i>	<i>Styles</i>	<i>Common Meaning</i>
advisor	TU-DD, UKoLa	if your personal advisor differs from the advising professor, this is the name of the advisor
author	<i>every style</i>	the authors, with some styles (currently not with DHBW or UKoLa) you may separate multiple authors by \and
chair	TU-DD, KIT, WWUM, UKoLa	the chair or institute of the faculty of the university where you've made or presented your work
company	DHBW	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
course	DHBW	the shortcut for your discipline or course
date	DHBW, KIT, KOMAScript, Markus-1, Markus-2, Spacer, TU-HH, TU-DD, JT-Typography, WWUM	the documents main date, this may be, e.g., the release date, the semester of a thesis or any other most valid date
dedication	KOMAScript, Markus-1, Markus-2, Spacer	sometimes it is nice to dedicate the work to someone, e.g., your wife, your children, your grandmother or your first love
academicgrade	DHBW, TU-HH, WUMM, UKoLa	the academic grade or degree you reach with the work
discipline	DHBW, TU-DD, WUMM	the discipline in which you've made your work or reach your academic grade
duration	DHBW	the processing time for your work
faculty	TU-DD, KIT, WUMM	the faculty of the university where you've made or presented your work
homepage	KIT	the www-address of the homepage

...

<i>String Option</i>	<i>Styles</i>	<i>Common Meaning</i>
mainlogo	DHBW, KIT, UKoLa	a logo at the main title (currently used for the DHBW or the KIT logo at the default of <code>titlehead</code> and the main logo of style UKoLa)
secondlogo	UKoLa	a secondary logo
matriculationnumber	DHBW, TU-DD	if you were a student while you've made the work, this is your number
oralexaminationdate	TU-HH, WUMM	sometimes the date of the oral examination is not the main date but has to be shown too
pagenumber	<i>every style</i>	page number of the first title page
pagestyle	<i>every style</i>	page style to be used inside <code>titlepage</code> environments unless a style dependent one is defined like page style <code>maintitle</code> in Markus-2; internally this redefines <code>\titlepagestyle</code>
place	DHBW, TU-HH, JT-Geschichte, JT-Typography, WUMM, UKoLa	the place, in general the city, where you've made the work or where the Duale Hochschule or the publisher resides
professor	TU-DD, WUMM	the name of the professor who advised you during your work
publisher	KOMAScript, Markus-1, Markus-2, Spacer, JT-Aufsaetze, JT-Geschichte, JT-Typography	most written works have a publisher
referee	DHBW, TU-HH, UKoLa	every academic work will be referred; with some styles (currently TU-HH, WWUM, UKoLa) multiple referees may be separated with <code>\and</code>
science <sup>1</sup>	WWUM	kind of science, e. g., "Naturwissenschaften"
student	<i>see author</i>	alias option to author

...

<i>String Option</i>	<i>Styles</i>	<i>Common Meaning</i>
<code>subject</code>	<i>every style</i>	the kind of work, there are special predefined subjects; if you use one of <code>bachelor</code> , <code>academicgrade</code> , <code>diploma</code> , <code>master</code> , <code>project</code> , <code>seminar</code> , or <code>studentresearch</code> a language dependend replacement will be done; to avoid this, you may set the value in parenthesis
<code>subtitle</code>	KOMAScript, Markus-1, Markus-2, Spacer, TU-HH	the sub-title of the document
<code>title</code>	<i>every style</i>	the main title of the document
<code>titlehead</code>	DHBW, KOMAScript, Markus-2, Spacer, KIT	page head over the main title of the document
<code>university</code>	DHBW, TU-DD, TU-HH, KIT, WWUM	the university where you've made or presented your work

**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 your 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 58](#). At the shown examples most variable contents have been made red.

---

<sup>1</sup>Due 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](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 KOMAScript

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

The pages (in twoside example `titlepage-KOMAScript.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.

Das ist ein Schmutztitel im Stil KOMAScript

Den Kopfbereich kann man auf diese Weise füllen.

Eine Klassifizierung der Arbeit

**Titel im Stil KOMAScript**  
Untertitel

Einen Verlag kann man ebenfalls angeben

<p>Oberer Bereich der Rückseite des Haupttitels im Stil KOMAScript.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil KOMAScript.</p>	<p>Eine Widmung im Stil KOMAScript</p>
	<ol style="list-style-type: none"> <li>4. only in twoside mode defined by <code>uppertitleback</code> and <code>lowertitleback</code>, which are not package options but style options. You may set them using <code>\TitleOption</code> or <code>\TitleOptions</code> after loading the style or with the optional argument of <code>\maketitle</code> or <code>\TitlePageStyle</code>.</li> <li>5. optional post title with <code>dedication</code>.</li> <li>6. empty and only in twoside mode with <code>dedication</code> used.</li> </ol>



## 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`.

	<p>Verlag</p>
<p>Markus Kohn Sonst Jemand</p>	<p>Eine Klassifizierung der Arbeit Titel im Stil Markus-1 Untertitel</p>

<p>Oberer Bereich der Rückseite des Haupttitels im Stil <code>Markus-1</code>.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil <code>Markus-1</code>.</p>	<p>Eine Widmung im Stil <code>Markus-1</code>.</p>
	<ol style="list-style-type: none"> <li>4. only in twoside mode defined by <code>uppertitleback</code> and <code>lowertitleback</code>, which are not package options but style options. You may set them using <code>\TitleOption</code> or <code>\TitleOptions</code> after loading the style or with the optional argument of <code>\maketitle</code> or <code>\TitlePageStyle</code>.</li> <li>5. optional post title with <code>dedication</code>.</li> <li>6. empty and only in twoside mode with <code>dedication</code> used.</li> </ol>

## 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 parte 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.

Das ist ein Schmutztitel im Stil Markus-2

Eine Klassifizierung der Arbeit  
Markus Kohn  
Titel im Stil Markus-2  
Untertitel

Verlag

<p>Oberer Bereich der Rückseite des Haupttitels im Stil <code>Markus-2</code>.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil <code>Markus-2</code>.</p>	<p>Eine Widmung im Stil <code>Markus-2</code>.</p>
	<ol style="list-style-type: none"> <li>4. only in twoside mode defined by <code>uppertitleback</code> and <code>lowertitleback</code>, which are not package options but style options. You may set them using <code>\TitleOption</code> or <code>\TitleOptions</code> after loading the style or with the optional argument of <code>\maketitle</code> or <code>\TitlePageStyle</code>.</li> <li>5. optional post title with <code>dedication</code>.</li> <li>6. empty and only in twoside mode with <code>dedication</code> used.</li> </ol>

## 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 `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.

Das ist ein Schmutztitel im Stil Spacer



Eine Klassifizierung der Arbeit

Markus Kohm

Titel im Stil Spacer

Untertitel

Verlag

<p>Oberer Bereich der Rückseite des Haupttitels im Stil Spacer.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil Spacer.</p>	<p>Eine Widmung im Stil Spacer</p>
	<ol style="list-style-type: none"> <li>4. only in twoside mode defined by <code>uppertitleback</code> and <code>lowertitleback</code>, which are not package options but style options. You may set them using <code>\TitleOption</code> or <code>\TitleOptions</code> after loading the style or with the optional argument of <code>\maketitle</code> or <code>\TitlePageStyle</code>.</li> <li>5. optional post title with <code>dedication</code>.</li> <li>6. empty and only in twoside mode with <code>dedication</code> used.</li> </ol>

## 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`.

Technische Universität Dresden  
Fakultät Wirtschaftswissenschaften  
SAP-Stiftungslehrstuhl für  
Entrepreneurship und Innovation  
Prof. Dr. Michael Schefczyk

**Titel im Stil TU-DD**  
Seminararbeit  
(bzw. Diplomarbeit)

eingereicht von  
Vorname und Name  
Studienrichtung  
Matrikel-Nr.

Betreuer:  
(mit akadem. Grad, Vor- und Zuname)

Dresden, den (Datum der Abgabe)

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`.

Technische Universität Dresden  
Fakultät Wirtschaftswissenschaften  
SAP-Stiftungslehrstuhl für  
Entrepreneurship und Innovation  
Prof. Dr. Michael Schefczyk

**Titel im Stil TU-DD**  
Seminararbeit  
(bzw. Diplomarbeit)

eingereicht von  
Vorname und Name  
Studienrichtung  
Matrikel-Nr.

Betreuer:  
(mit akadem. Grad, Vor- und Zuname)

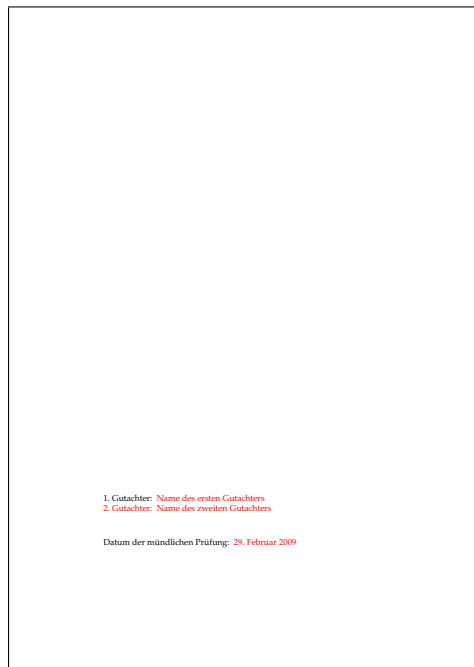
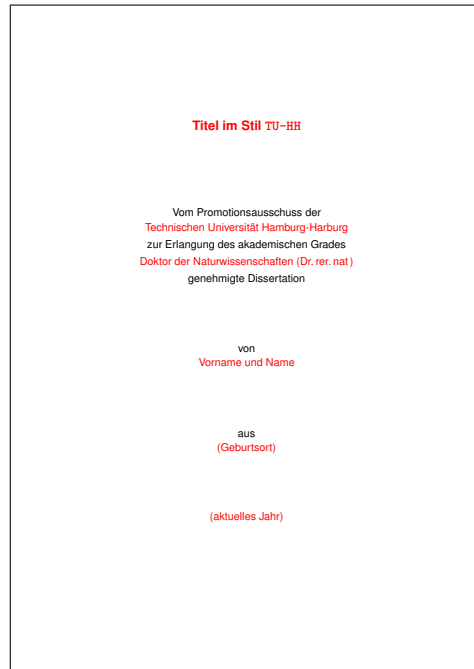
Dresden, den (Datum der Abgabe)

## 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`.



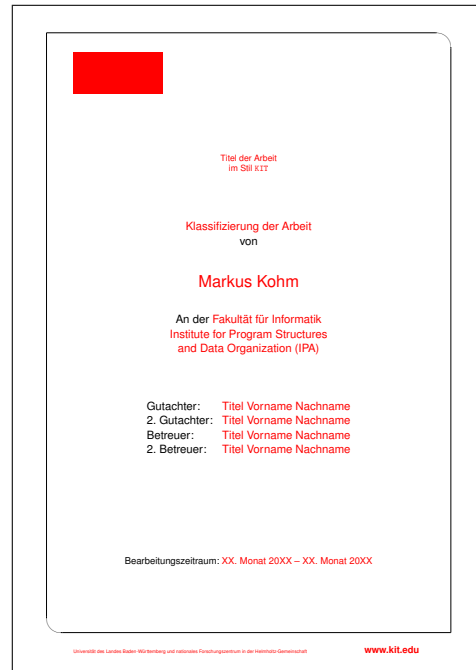
## 2.8 Style KIT

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 L<sup>A</sup>T<sub>E</sub>X 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](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.

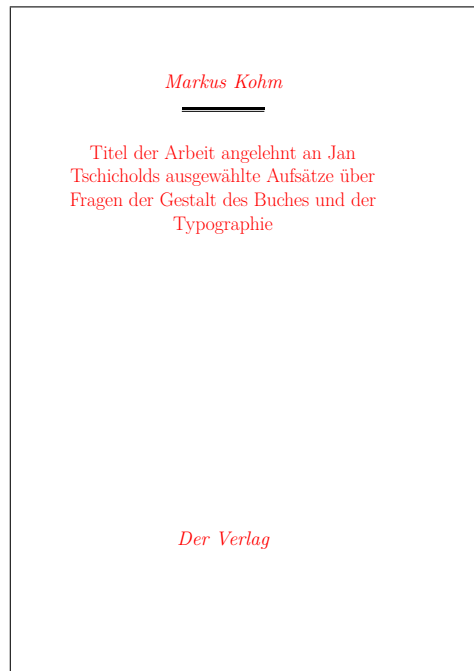


## 2.9 Style JT-Aufsätze

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 and 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.



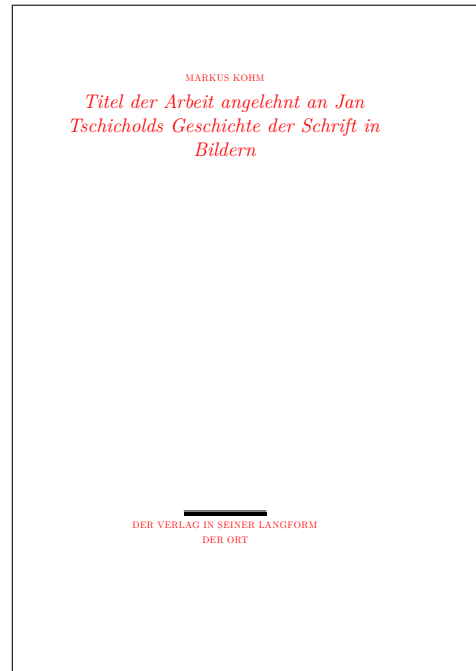
## 2.10 Style JT-Geschichte

The style is based on “Jan Tschichold: Geschichte der Schrift in Bildern; Holbein-Verlag, 1947”. This is another major book of classic typography. I 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`.

<p style="text-align: center;">Mein Name Titel der Arbeit 2025</p>	<p>The pages (in example <code>tilepage-WWUM.tex</code>) are:</p> <ol style="list-style-type: none"> <li>1. cover page with <code>author</code>, <code>title</code>, <code>\the\year</code></li> <li>2. the backside of the cover page is empty if it exists</li> <li>3. main title page with <code>chair</code>, <code>title</code>, <code>subject</code>, <code>academicgrade</code>, <code>science<sup>1</sup></code>, <code>discipline</code>, <code>faculty</code></li> <li>4. main title back side with <code>professor</code>, <code>referee</code>, <code>oralexaminationdate</code> (normally empty)</li> </ol>
<p style="text-align: center;">Experimentelle Physik</p> <p style="text-align: center;">Titel der Arbeit</p> <p style="text-align: center;">Inaugural-Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften im Fachbereich Physik der Mathematisch-Naturwissenschaftlichen Fakultät der Westfälischen Wilhelms-Universität Münster</p> <p style="text-align: center;">vorgelegt von Mein Name aus Geburtsort - 2025 -</p>	<p>Dekan/Dekanin: Klaus Naschwarz</p> <p>Erster Gutachter: Peter Mustermann</p> <p>Zweite Gutachterin: Petra Musterfrau</p> <p>Datum der mündlichen Prüfung:</p> <p>Tag der Promotion:</p>

## 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`, `dicipline`, `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 `pagenumber=<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 `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.

`\titlepagestyle` This macro defines the page style to be used inside the `titlepage` environment and therefore usually by all title page styles. The page style changes are done using `\thispagestyle` but only if `\titlepagestyle` is not empty. See also option `pagestyle` in [section 2](#).

`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  
added in v1.0

```
\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.

```
1 \def\batchfile{uni-titlepage.dtx}
2 \input docstrip.tex
3 \ifToplevel{%
4   \Msg{*****}
5   \Msg{*}
6   \Msg{* Steps of uni-titlepage generation:}
7   \Msg{* =====}
8   \Msg{*}
9   \Msg{* - Generation of all needed files:}
10  \keepsilent
11  \askforoverwritefalse
12 }
13
14 \preamble
15 Copyright (c) 2009-2022 by Markus Kohm <komascript(at)gmx.info>
16
17 This file was generated from file(s) of uni-titlepage distribution.
18
19 -----
20
21 This work may be distributed and/or modified under the conditions of
22 the LaTeX Project Public License, version 1.3c of the license.
23 The latest version of this license is in
24 http://www.latex-project.org/lppl.txt
```



```

25 and version 1.3c or later is part of all distributions of LaTeX
26 version 2005/12/01 or later.
27
28 This work has the LPPL maintenance status "maintained".
29
30 The Current Maintainer and author of this work is Markus Kohm.
31
32 This file may only be distributed together with
33 the file 'uni-titlepage.dtx'.
34 You may however distribute the file 'uni-titlepage.dtx' without this file.
35
36 \endpreamble
37
38 \generate{%

```

But while the dtx file is the ins file itself, we will never generate this file.

```

39 % \file{uni-titlepage.ins}{\from{uni-titlepage.dtx}{ins}}% not needed
40 \file{uni-titlepage.drv}{\from{uni-titlepage.dtx}{doc,manual}}%
41 \file{uni-titlepage.sty}{\from{uni-titlepage.dtx}{package}}%
42 \file{title-DHBW.def}{\from{uni-titlepage.dtx}{driver,DHBW}}%
43 \file{title-KOMAScript.def}{\from{uni-titlepage.dtx}{driver,KOMAScript}}%
44 \file{title-Markus-1.def}{\from{uni-titlepage.dtx}{driver,Markus,1}}%
45 \file{title-Markus-2.def}{\from{uni-titlepage.dtx}{driver,Markus,2}}%
46 \file{title-Spacer.def}{\from{uni-titlepage.dtx}{driver,Spacer}}%
47 \file{title-TU-DD.def}{\from{uni-titlepage.dtx}{driver,TU-DD}}%
48 \file{title-TU-HH.def}{\from{uni-titlepage.dtx}{driver,TU-HH}}%
49 \file{title-KIT.def}{\from{uni-titlepage.dtx}{driver,KIT}}%
50 \file{title-JT-Aufsaeetze.def}{\from{uni-titlepage.dtx}{driver,JT-Aufsaeetze}}%
51 \file{title-JT-Geschichte.def}{\from{uni-titlepage.dtx}{driver,JT-Geschichte}}%
52 \file{title-JT-Typography.def}{\from{uni-titlepage.dtx}{driver,JT-Typography}}%
53 \file{title-WWUM.def}{\from{uni-titlepage.dtx}{driver,WWUM}}%
54 \file{title-UKoLa.def}{\from{uni-titlepage.dtx}{driver,UKoLa}}%
55 \file{titlepage-DHBW.tex}{\from{uni-titlepage.dtx}{doc,example,DHBW}}%
56 \file{titlepage-KOMAScript.tex}{\from{uni-titlepage.dtx}{doc,example,KOMAScript}}%
57 \file{titlepage-Markus-1.tex}{\from{uni-titlepage.dtx}{doc,example,Markus,1}}%
58 \file{titlepage-Markus-2.tex}{\from{uni-titlepage.dtx}{doc,example,Markus,2}}%
59 \file{titlepage-Spacer.tex}{\from{uni-titlepage.dtx}{doc,example,Spacer}}%
60 \file{titlepage-TU-DD.tex}{\from{uni-titlepage.dtx}{doc,example,TU-DD}}%
61 \file{titlepage-TU-HH.tex}{\from{uni-titlepage.dtx}{doc,example,TU-HH}}%
62 \file{titlepage-KIT.tex}{\from{uni-titlepage.dtx}{doc,example,KIT}}%
63 \file{titlepage-JT-Aufsaeetze.tex}{\from{uni-titlepage.dtx}{doc,example,JT-Aufsaeetze}}%
64 \file{titlepage-JT-Geschichte.tex}{\from{uni-titlepage.dtx}{doc,example,JT-Geschichte}}%
65 \file{titlepage-JT-Typography.tex}{\from{uni-titlepage.dtx}{doc,example,JT-Typography}}%
66 \file{titlepage-WWUM.tex}{\from{uni-titlepage.dtx}{doc,example,WWUM}}%
67 \file{titlepage-UKoLa.tex}{\from{uni-titlepage.dtx}{doc,example,UKoLa}}%
68 \nopreamble\nopostamble
69 \file{README.md}{\from{uni-titlepage.dtx}{README}}%
70 }%
71
72 \ifToplevel{%
73 \Msg{* \space\space done.}
74 \Msg{*}
75 \Msg{* You may install all the files now.}
76 \Msg{*}
77 \Msg{*****}

```

```
78 }
```

At docstrip run we like to finish the file know:

```
79 \csname endinput\endcsname
```

## 4.2 The Package `scrbase`

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

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

`pagenumber` (*opt.*)

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

`\titlepagestyle`  
`pagestyle` (*opt.*)

```
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@restonecol}
```

`titlepage` (*env.*)

```
100 \scr@ifundefinedorrelax{titlepage}{\def\titlepage{}}{}
101 \scr@ifundefinedorrelax{endtitlepage}{\def\endtitlepage{}}{}
102 \providecommand*{\maketitle}[1][{}]{}
```

`\inittitle` Set of commands, that define a title style:

```
\makeprettitle 103 \newcommand*{\tp@undefinedtitle}[1]{%
\makeprettitleback 104 \PackageInfo{uni-titlepage}{leaving not defined #1-title page empty}%
\makemainttitle 105 }
\makemainttitleback 106 \newcommand*{\inittitle}{}
\makeposttitle 107 \newcommand*{\makeprettitle}{\tp@undefinedtitle{pre}}
\makeposttitleback 108 \newcommand*{\makeprettitleback}{\tp@undefinedtitle{back of pre}}
\exittitle 109 \newcommand*{\makemainttitle}{\tp@undefinedtitle{main}}
\tp@undefinedtitle 110 \newcommand*{\makemainttitleback}{\tp@undefinedtitle{back of main}}
111 \newcommand*{\makeposttitle}{\tp@undefinedtitle{post}}
```

```

112 \newcommand*{\makeposttitleback}{\tp@undefinedtitle{back of post}}
113 \newcommand*{\exittitle}{}

```

`\inittitlestyle` Will be called before loading a title style:

```

114 \newcommand*{\inittitlestyle}{%
115   \renewenvironment{titlepage}[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

```

Current page number is odd ...

```

126       \ifodd\value{titlepage}%
127       \else

```

... wanted page number is even: put in empty page.

```

128         \null\newpage
129       \fi
130     \else

```

Current page number is even ...

```

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}[1] []{%
143   \begingroup
144     \TitleOptions{##1}%
145     \inittitle
146     \makeprettitle\if@twoside\makeprettitleback\fi
147     \makemainttitle\if@twoside\makemainttitleback\fi
148     \makeposttitle\if@twoside\makeposttitleback\fi
149     \exittitle
150   \endgroup
151 }%
152 }%
153
154 \renewcommand*{\inittitle}{}%
155 \renewcommand*{\makeprettitle}{\tp@undefinedtitle{pre}}%
156 \renewcommand*{\makeprettitleback}{\tp@undefinedtitle{back of pre}}%

```

```

157 \renewcommand*{\makemaintitle}{\tp@undefinedtitle{main}}%
158 \renewcommand*{\makemaintitleback}{\tp@undefinedtitle{back of main}}%
159 \renewcommand*{\makeposttitle}{\tp@undefinedtitle{post}}%
160 \renewcommand*{\makeposttitleback}{\tp@undefinedtitle{back of post}}%
161 \renewcommand*{\exittitle}{}%
162 }
163 \inittitlestyle

```

`\titlebox` New environment for full page titles (with respect to BCOR or Gm@bindingoffset if defined)

```

164 \newsavebox\titlebox
165 \newenvironment{fullsizetitle}[1] [] {%
166 \TitleOptions{#1}%
167 \begin{lrbox}{\titlebox}
168 \hsize\paperwidth
169 \scr@ifundefinedorrelax{ta@bcor}{%
170 \scr@ifundefinedorrelax{Gm@bindingoffset}{}{%
171 \advance\hsize-\Gm@bindingoffset}%
172 }{%
173 \advance\hsize-\ta@bcor
174 \scr@ifundefinedorrelax{Gm@bindingoffset}{}{%
175 \ifdim \Gm@bindingoffset=\ta@bcor\else
176 \PackageWarning{uni-titlepage}{Ignoring geometry's binding
177 correction,\MessageBreak
178 using typearea's binding correction.\MessageBreak
179 If you're using geometry and typearea,\MessageBreak
180 you should set BOTH options to the same value,\MessageBreak
181 e.g. \string\KOMAOptions{BCOR=\the\ta@bcor}\MessageBreak
182 \space\space\space\space
183 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak
184 to make uni-titlepage use this value%
185 }%
186 \fi
187 }%
188 }%
189 \vsize\paperheight
190 \linewidth\hsize
191 \columnwidth\hsize
192 \textwidth\hsize
193 \textheight\vsize
194 \noindent\minipage{\hsize}
195 }{%
196 \endminipage
197 \end{lrbox}
198 \begin{titlepage}%
199 \vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
200 \vskip-\topskip
201 \raggedright
202 \leavevmode
203 \hskip-1in
204 \ifodd\c@page
205 \hskip-\oddsidemargin
206 \scr@ifundefinedorrelax{ta@bcor}{%
207 \scr@ifundefinedorrelax{Gm@bindingoffset}{}{%

```

```

208         \hskip\Gm@bindingoffset}%
209     }{\hskip\ta@bcor}%
210     \else
211         \hskip-\evensidemargin
212     \fi
213     \vbox to\z@{\hsize\z@
214         \vskip-\baselineskip
215         \makebox[Opt][l]{\usebox\titlebox}%
216     \vss
217     }%
218 \end{titlepage}
219 }

```

`\DefineSimpleTitleKey` Define title page “variables”:

```

\DefineReplaceTitleKey 220 \newcommand*{\tp@replacewarning}[2]{%
  \tp@replacewarning 221   \PackageWarning{uni-titlepage}{%
    \tp@dokeys 222     Using ‘#2’ instead of ‘#1’,\MessageBreak
  223     because ‘#1’ not defined%
  224   }%
  225 }
  226 \newcommand*{\tp@dokeys}{}
  227 \newcommand*{\DefineSimpleTitleKey}[2][.\@currname.\@currentx]{%
  228   \l@addto@macro\tp@dokeys{\do{#2}}%
  229   \expandafter\newcommand\expandafter*\csname #2\endcsname{%
  230     \expandafter\newcommand\expandafter*\csname #2\endcsname[1]{%
  231       \expandafter\gdef\csname #2\endcsname{##1}}%
  232   \DefineFamilyKey[#{1}]{title}{#2}{%
  233     \csname #2\endcsname{##1}%
  234     \FamilyKeyStateProcessed
  235   }%
  236 }
  237 \newcommand*{\DefineReplaceTitleKey}[3][.\@currname.\@currentx]{%
  238   \DefineFamilyKey[#{1}]{title}{#2}{%
  239     \tp@replacewarning{#2}{#3}%
  240     \FamilyOptions{title}{#3=##1}%
  241   }%
  242 }

```

```

  \titlehead
  \@titlehead 243 \providecommand*{\@titlehead}{}
  titlehead (opt.) 244 \providecommand{\titlehead}[1]{\gdef\@titlehead{#1}}
  245 \DefineFamilyKey{title}{titlehead}{\titlehead{#1}\FamilyKeyStateProcessed}

```

```

  \homepage
  \@homepage 246 \providecommand*{\@homepage}{}
  homepage (opt.) 247 \providecommand{\homepage}[1]{\gdef\@homepage{#1}}
  248 \DefineFamilyKey{title}{homepage}{\homepage{#1}\FamilyKeyStateProcessed}

```

```

  \title
  \@title 249 \let\@title\relax\let\title\relax\DefineSimpleTitleKey{title}
  title (opt.)

```

```

\author
\@author 250 \let\@author\relax\let\author\relax\DefineSimpleTitleKey{author}
author (opt.)

\date
\@date 251 \let\@date\relax\let\date\relax\DefineSimpleTitleKey{date}
date (opt.)

\duration
\@duration 252 \DefineSimpleTitleKey{duration}
duration (opt.)

\course
\@course 253 \DefineSimpleTitleKey{course}
course (opt.)

\company
\@company 254 \DefineSimpleTitleKey{company}
company (opt.)

\subtitle
\@subtitle 255 \let\@subtitle\relax\let\subtitle\relax\DefineSimpleTitleKey{subtitle}
subtitle (opt.)

\university
\@university 256 \DefineSimpleTitleKey{university}
university (opt.)

\faculty
\@faculty 257 \DefineSimpleTitleKey{faculty}
faculty (opt.)

\chair
\@chair 258 \DefineSimpleTitleKey{chair}
chair (opt.)

\professor
\@professor 259 \DefineSimpleTitleKey{professor}
professor (opt.)

\subject
\@subject 260 \providecommand*\@subject{-}
subject (opt.) 261 \providecommand*\subject[1]{\gdef\@subject{#1}}
262 \l@addto@macro\tp@dokeys{\do{subject}}%
263 \DefineFamilyKey{title}{subject}{%
264 \Ifstr{#1}{project}{\subject{\projectpapername}}{%
265 \Ifstr{#1}{seminar}{\subject{\seminarpapername}}{%
266 \Ifstr{#1}{studentresearch}{\subject{\studentresearchname}}{%
267 \Ifstr{#1}{diploma}{\subject{\diplomathesisname}}{%
268 \Ifstr{#1}{degree}{\subject{\degreethesisname}}{%
269 \Ifstr{#1}{master}{\subject{\masterthesisname}}{%
270 \Ifstr{#1}{bachelor}{\subject{\bachelorthesisname}}{%
271 \subject{#1}%
272 }%
273 }%

```

```

274         }%
275     }%
276 }%
277 }%
278 }%
279 \FamilyKeyStateProcessed
280 }

```

`\Ifstr` For compatibility with old versions of `scrbase` the macro is provided based on `\ifstr` if it has not been defined by `scrbase`.

```
281 \providecommand*\Ifstr{\ifstr}
```

`student` (*opt.*)

```
282 \DefineReplaceTitleKey{student}{author}
```

`\science`  
`\@science`  
`science` (*opt.*)

```
283 \DefineSimpleTitleKey{science}
```

`\science`  
`\@science`  
`science` (*opt.*)

```

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
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 }

```

`\discipline`  
`\@discipline`  
`discipline` (*opt.*)

```
312 \DefineSimpleTitleKey{discipline}
```

```

\academicgrade
\@academicgrade 313 \DefineSimpleTitleKey{academicgrade}
academicgrade (opt.)

\matriculationnumber
\@matriculationnumber 314 \DefineSimpleTitleKey{matriculationnumber}
matriculationnumber (opt.)

\advisor
\@advisor 315 \DefineSimpleTitleKey{advisor}
advisor (opt.)

\referee
\@referee 316 \DefineSimpleTitleKey{referee}
referee (opt.)

\place
\@place 317 \DefineSimpleTitleKey{place}
place (opt.)

\publisher
\@publisher 318 \DefineSimpleTitleKey{publisher}
publisher (opt.) 319 \renewcommand*{\@publisher}{\csname @publishers\endcsname}

\mainlogo
\@mainlogo 320 \DefineSimpleTitleKey{mainlogo}
mainlogo (opt.)

\secondlogo
\@secondlogo 321 \DefineSimpleTitleKey{secondlogo}
secondlogo (opt.)

\oralexaminationdate
\@oralexaminationdate 322 \DefineSimpleTitleKey{oralexaminationdate}
oralexaminationdate (opt.)

\dedication
\@dedication 323 \providecommand*{\@dedication}{}
dedication (opt.) 324 \providecommand{\dedication}[1]{\gdef\@dedication{#1}}
325 \DefineFamilyKey{title}{dedication}{\dedication{#1}\FamilyKeyStateProcessed}

\usetitleelement Users cannot simply use, e.g., \@title, \@mainlogo etc. So we need a command
\@usetitleelement@error to get them:
326 \newcommand*{\usetitleelement}[1]{%
327 \scr@ifundefinedorrelax{#1}{%
328 \@usetitleelement@error{#1}%
329 }{%
330 \scr@ifundefinedorrelax{@#1}{%
331 \@usetitleelement@error{#1}%
332 }{%
333 \@nameuse{@#1}%
334 }%
335 }%

```



```

336 }
337 \newcommand*{\usetitleelement@error}[1]{%
338   \PackageError{uni-titlepage}{'#1' isn't a title element}{%
339     You should use \string\usetitleelement\space for title elements
340     only!\MessageBreak
341     If you'll continue, command will be ignored.}%
342 }

```

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

```

343 \newcommand*{\usenonemptytitleelement}[1]{%
344   \expandafter\ifx\csname @#1\endcsname \@empty
345   \PackageError{uni-titlepage}{empty title element '#1'}{%
346     Title element '#1' is empty but mandatory for the used title page
347     style.\MessageBreak
348     So it must not be empty.\MessageBreak
349     Please see the manual for more information about assigning
350     values to\MessageBreak
351     main title elements via options or commands.\MessageBreak
352     If you'll continue, a \string\strut\space will be used.}%
353   \strut
354   \else
355     \usetitleelement{#1}%
356   \fi
357 }

```

Some variables use their own configurable font:

`titlepagefont` (*opt.*)

```

\@titlepagefont 358 \scr@ifundefinedorrelax{newkomafont}{%
359   \newcommand*{\@titlepagefont}{%
360 }{%
361   \newkomafont{titlepage}{}%
362 }
363 \DefineFamilyKey{title}{titlepagefont}{%
364   \renewcommand*{\@titlepagefont}{#1}%
365   \FamilyKeyStateProcessed
366 }

```

`subjectfont` (*opt.*)

```

\subject@font 367 \providecommand*{\subject@font}{\bfseries}
368 \DefineFamilyKey{title}{subjectfont}{%
369   \renewcommand*{\subject@font}{#1}%
370   \FamilyKeyStateProcessed
371 }

```

`titlefont` (*opt.*)

```

\title@font 372 \providecommand*{\titlefont}{\bfseries}
373 \DefineFamilyKey{title}{titlefont}{%
374   \renewcommand*{\titlefont}{#1}%
375   \FamilyKeyStateProcessed
376 }

```

subtitlefont (*opt.*)

```
\@subtitlefont 377 \providecommand*{\@subtitlefont}{\bfseries}
378 \DefineFamilyKey{title}{subtitlefont}{%
379 \renewcommand*{\@subtitlefont}{#1}%
380 \FamilyKeyStateProcessed
381 }
```

\TitlePageStyle Load a title page style from file

```
382 \newcommand*{\TitlePageStyle}[2] [] {%
383 \IfFileExists{title-#2.def}{%
384 \begingroup
385 \edef\@tempa{\endgroup
386 \noexpand\inittitlestyle
387 \noexpand\makeatletter
388 \noexpand\input{title-#2.def}%
389 \noexpand\catcode'\noexpand\@=\the\catcode'\@
390 }%
391 \@tempa
392 \TitleOptions{#1}%
393 }{%
394 \PackageError{uni-titlepage}{No title definition for ‘#2’ found}{%
395 You’ve tried to set title page style ‘#2’, but no title page
396 style definition file\MessageBreak
397 ‘title-#2.def’ may be found%
398 }%
399 }
400 }
```

\NowButAfterBeginDocument Nice shortcut:

```
401 \newcommand*{\NowButAfterBeginDocument}{%
402 \if@atdocument
403 \expandafter\@firstofone
404 \else
405 \expandafter\AtBeginDocument
406 \fi
407 }
```

```
408 \DeclareOption*{\expandafter\TitlePageStyle\expandafter{\CurrentOption}}
409 \FamilyProcessOptions{title}
```

\chairmanname Language dependent terms:

```
\projectpapername 410 \providecommand*{\chairmanname}{Chairman}
\seminarpapername 411 \providecommand*{\projectpapername}{Project Paper}
\studentreserchname 412 \providecommand*{\seminarpapername}{Seminar Paper}
\diplomathesisname 413 \providecommand*{\studentresearchname}{Student Research Project}
\degreethesisname 414 \providecommand*{\diplomathesisname}{Diploma Thesis}
\masterthesisname 415 \providecommand*{\degreethesisname}{Degree Thesis}
\bachelorthesisname 416 \providecommand*{\masterthesisname}{Master Thesis}
\presentedbyname 417 \providecommand*{\bachelorthesisname}{Bachelor Thesis}
\advisorname 418 \providecommand*{\presentedbyname}{presented by}
\thename 419 \providecommand*{\advisorname}{Advisor}
\ofthename
\fromname
\fromplacename
\malerefereename
\femalerefereename
\ordinalmalerefereename
\ordinalfemalerefereename
\refereename
\oralexaminationdatename
\ordinal
```

420 \providecommand\*{\thename}{}  
421 \providecommand\*{\ofthename}{of the}  
422 \providecommand\*{\fromname}{from}  
423 \providecommand\*{\fromplacename}{from}  
424 \providecommand\*{\refereename}{Referee}  
425 \providecommand\*{\femalerefereename}{\refereename}  
426 \providecommand\*{\malerefereename}{\refereename}  
427 \providecommand\*{\ordinalmalerefereename}{\englishordinalmalerefereename}  
428 \providecommand\*{\ordinalfemalerefereename}{\englishordinalfemalerefereename}  
429 \providecommand\*{\oralexaminationdatename}{Date of Oral Examination}  
430 \providecommand\*{\atthename}{at}  
431 \providecommand\*{\durationname}{Processing Time}  
432 \providecommand\*{\matriculationnumbername}{Matriculationnumber}  
433 \providecommand\*{\coursename}{Course}  
434 \providecommand\*{\companyname}{Training Company}  
435 \providecommand\*{\examinationname}{Examination}  
436 \providecommand\*{\examinationdatename}{Date of Examination}  
437 \newcommand\*{\ordinal}{\englishordinal}  
438 \newcommand\*{\femaleordinal}{\ordinal}  
439 \newcommand\*{\maleordinal}{\ordinal}  
440 \providecommand\*{\indatename}{in}  
441 \providecaptionname{american,australian,british,canadian,%  
442 english,newzealand,UKenglish,USenglish}{\chairmanname}{Chairmain}%  
443 \providecaptionname{american,australian,british,canadian,%  
444 english,newzealand,UKenglish,USenglish}{\projectpapername}{Project Paper}%  
445 \providecaptionname{american,australian,british,canadian,%  
446 english,newzealand,UKenglish,USenglish}{\seminarpapername}{Seminar Paper}%  
447 \providecaptionname{american,australian,british,canadian,%  
448 english,newzealand,UKenglish,USenglish}{\studentresearchname}{Student  
449 Research Project}%  
450 \providecaptionname{american,australian,british,canadian,%  
451 english,newzealand,UKenglish,USenglish}{\diplomathesisname}{Diploma Thesis}%  
452 \providecaptionname{american,australian,british,canadian,%  
453 english,newzealand,UKenglish,USenglish}{\degreethesisname}{Degree Thesis}%  
454 \providecaptionname{american,australian,british,canadian,%  
455 english,newzealand,UKenglish,USenglish}{\masterthesisname}{Master Thesis}%  
456 \providecaptionname{american,australian,british,canadian,%  
457 english,newzealand,UKenglish,USenglish}{\bachelorthesisname}{Bachelor  
458 Thesis}%  
459 \providecaptionname{american,australian,british,canadian,%  
460 english,newzealand,UKenglish,USenglish}{\ordinal}{\englishordinal}%  
461 \providecaptionname{american,australian,british,canadian,%  
462 english,newzealand,UKenglish,USenglish}{\presentedbyname}{presented by}%  
463 \providecaptionname{american,australian,british,canadian,%  
464 english,newzealand,UKenglish,USenglish}{\advisorname}{Advisor}%  
465 \providecaptionname{american,australian,british,canadian,%  
466 english,newzealand,UKenglish,USenglish}{\thename}{}%  
467 \providecaptionname{american,australian,british,canadian,%  
468 english,newzealand,UKenglish,USenglish}{\ofthename}{of the}%  
469 \providecaptionname{american,australian,british,canadian,%  
470 english,newzealand,UKenglish,USenglish}{\fromname}{from}%  
471 \providecaptionname{american,australian,british,canadian,%  
472 english,newzealand,UKenglish,USenglish}{\fromplacename}{from}%  
473 \providecaptionname{american,australian,british,canadian,%

474 english,newzealand,UKenglish,USenglish}{\refereename}{Referee}%  
475 \providecaptionname{american,australian,british,canadian,%  
476 english,newzealand,UKenglish,USenglish}{\ordinalmalerefereename}{%  
477 \englishordinalmalerefereename}%  
478 \providecaptionname{american,australian,british,canadian,%  
479 english,newzealand,UKenglish,USenglish}{\ordinalfemalerefereename}{%  
480 \englishordinalfemalerefereename}%  
481 \providecaptionname{american,australian,british,canadian,%  
482 english,newzealand,UKenglish,USenglish}{\oralexaminationdatename}{Date of  
483 Oral Examination}%  
484 \providecaptionname{american,australian,british,canadian,%  
485 english,newzealand,UKenglish,USenglish}{\durationname}{Processing Time}%  
486 \providecaptionname{american,australian,british,canadian,%  
487 english,newzealand,UKenglish,USenglish}{\matriculationnumbername}{Matriculationnumber}%  
488 \providecaptionname{american,australian,british,canadian,%  
489 english,newzealand,UKenglish,USenglish}{\coursename}{Course}%  
490 \providecaptionname{american,australian,british,canadian,%  
491 english,newzealand,UKenglish,USenglish}{\companyname}{Training Company}%  
492 \providecaptionname{american,australian,british,canadian,%  
493 english,newzealand,UKenglish,USenglish}{\examinationname}{Examination}%  
494 \providecaptionname{american,australian,british,canadian,%  
495 english,newzealand,UKenglish,USenglish}{\examinationdatename}{Date of  
496 Examination}%  
497 \providecaptionname{american,australian,british,canadian,%  
498 english,newzealand,UKenglish,USenglish}{\indatename}{in}%  
499 \providecaptionname{german,ngerman,austrian,naustrian,%  
500 swissgerman,nswissgerman}{\chairmanname}{Dekan/Dekanin}%  
501 \providecaptionname{german,ngerman,austrian,naustrian,%  
502 swissgerman,nswissgerman}{\projectpapername}{Projektarbeit}%  
503 \providecaptionname{german,ngerman,austrian,naustrian,%  
504 swissgerman,nswissgerman}{\seminarpapername}{Seminararbeit}%  
505 \providecaptionname{german,ngerman,austrian,naustrian,%  
506 swissgerman,nswissgerman}{\studentresearchname}{Studienarbeit}%  
507 \providecaptionname{german,ngerman,austrian,naustrian,%  
508 swissgerman,nswissgerman}{\diplomathesisname}{Diplomarbeit}%  
509 \providecaptionname{german,ngerman,austrian,naustrian,%  
510 swissgerman,nswissgerman}{\degreethesisname}{Dissertation}%  
511 \providecaptionname{german,ngerman,austrian,naustrian,%  
512 swissgerman,nswissgerman}{\masterthesisname}{Master-Arbeit}%  
513 \providecaptionname{german,ngerman,austrian,naustrian,%  
514 swissgerman,nswissgerman}{\bachelorthesisname}{Bachelor-Arbeit}%  
515 \providecaptionname{german,ngerman,austrian,naustrian,%  
516 swissgerman,nswissgerman}{\ordinal}{\germanordinal}%  
517 \providecaptionname{german,ngerman,austrian,naustrian,%  
518 swissgerman,nswissgerman}{\femaleordinal}{\germanfemaleordinal}%  
519 \providecaptionname{german,ngerman,austrian,naustrian,%  
520 swissgerman,nswissgerman}{\maleordinal}{\germanmaleordinal}%  
521 \providecaptionname{german,ngerman,austrian,naustrian,%  
522 swissgerman,nswissgerman}{\presentedbyname}{eingereicht von}%  
523 \providecaptionname{german,ngerman,austrian,naustrian,%  
524 swissgerman,nswissgerman}{\advisorname}{Betreuer}%  
525 \providecaptionname{german,ngerman,austrian,naustrian,%  
526 swissgerman,nswissgerman}{\thename}{den}%  
527 \providecaptionname{german,ngerman,austrian,naustrian,%

```

528 swissgerman,nswissgerman}{\ofthename}{der}%
529 \providecaptionname{german,ngerman,austrian,naustrian,%
530 swissgerman,nswissgerman}{\fromname}{von}%
531 \providecaptionname{german,ngerman,austrian,naustrian,%
532 swissgerman,nswissgerman}{\fromplacename}{aus}%
533 \providecaptionname{german,ngerman,austrian,naustrian,%
534 swissgerman,nswissgerman}{\refereename}{Gutachter}%
535 \providecaptionname{german,ngerman,austrian,naustrian,%
536 swissgerman,nswissgerman}{\ordinalmalerefereename}{%
537 \germanordinalmalerefereename}%
538 \providecaptionname{german,ngerman,austrian,naustrian,%
539 swissgerman,nswissgerman}{\ordinalfemalerefereename}{%
540 \germanordinalfemalerefereename}%
541 \providecaptionname{german,ngerman,austrian,naustrian,%
542 swissgerman,nswissgerman}{\femalerefereename}{Gutachterin}%
543 \providecaptionname{german,ngerman,austrian,naustrian,%
544 swissgerman,nswissgerman}{\oralexaminationdatename}{Datum der m\ "undlichen
545 Pr\ "ufung}%
546 \providecaptionname{german,ngerman,austrian,naustrian,%
547 swissgerman,nswissgerman}{\durationname}{Bearbeitungszeitraum}%
548 \providecaptionname{german,ngerman,austrian,naustrian,%
549 swissgerman,nswissgerman}{\matriculationnumbername}{Matrikelnummer}%
550 \providecaptionname{german,ngerman,austrian,naustrian,%
551 swissgerman,nswissgerman}{\coursename}{Kurs}%
552 \providecaptionname{german,ngerman,austrian,naustrian,%
553 swissgerman,nswissgerman}{\companyname}{Ausbildungsfirma}%
554 \providecaptionname{german,ngerman,austrian,naustrian,%
555 swissgerman,nswissgerman}{\examinationname}{Pr\ "ufung}%
556 \providecaptionname{german,ngerman,austrian,naustrian,%
557 swissgerman,nswissgerman}{\examinationdatename}{Tag der Pr\ "ufung}%
558 \providecaptionname{german,ngerman,austrian,naustrian,%
559 swissgerman,nswissgerman}{\indatename}{im}%

```

\englishordinalmalerefereename

```

560 \newcommand*{\englishordinalmalerefereename}[1]{%
561 \englishordinal{#1} \refereename%
562 }

```

\englishordinalfemalerefereename

```

563 \newcommand*{\englishordinalfemalerefereename}[1]{%
564 \englishordinalmalerefereename{#1}%
565 }

```

\germanordinalmalerefereename

```

566 \newcommand*{\germanordinalmalerefereename}[1]{%
567 \ifnum #1<\@ne
568 \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
569 This package does only define German ordinal names for referees from 1}%
570 \else
571 \ifcase #1\or Erstgutachter\or Zweitgutachter\or Drittgutachter%
572 \or Viertgutachter\else
573 \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%

```

```

574         This package does only define German ordinal names for referees up
575         to 4}%
576     \fi
577 \fi
578 }

```

germanordinalfemalerefereename

```

579 \newcommand*{\germanordinalfemalerefereename}[1]{%
580   \germanordinalmalerefereename{#1}in%
581 }

```

germanordinalmalecorrectorname

```

582 \newcommand*{\germanordinalmalecorrectorname}[1]{%
583   \ifnum #1<\@ne
584     \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
585       This package does only define German ordinal names for correctors from 1}%
586   \else
587     \ifcase #1\or Erstkorrektor\or Zweitkorrektor\or Drittkorrektor%
588     \or Viertkorrektor\else
589       \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
590         This package does only define German ordinal names for correctors up
591         to 6}%
592     \fi
593 \fi
594 }

```

germanordinalfemalecorrectorname

```

595 \newcommand*{\germanordinalfemalecorrectorname}[1]{%
596   \germanordinalmalecorrectorname{#1}in%
597 }

```

\englishordinal

```

598 \newcommand*{\englishordinal}[1]{%
599   \ifcsname engordnumber\endcsname
600     \engordnumber{#1}%
601   \else
602     \ifnum #1<\@ne
603       \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
604         This package does only define English ordinals from 1}%
605     \else
606       \ifcase #1\or 1st\or 2nd\or 3rd\or 4th\or 5th\or 6th\or 7th\or 8th\or
607       9th\or 10th\else
608         \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
609           This package does only define English ordinals from 1 to
610           10.\MessageBreak
611           You may load package ‘engord’ to improve support of english
612           ordinals}%
613       \fi
614     \fi
615 \fi
616 }

```

```

\germanordinal
\germanmaleordinal 617 \newcommand*\germanordinal}[1]{%
\germanfemaleordinal 618 \ifnum #1<\@ne
619 \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
620 This package does only define german ordinals from 1}%
621 \else
622 #1.%
623 \fi
624 }
625 \newcommand*\germanmaleordinal}[1]{%
626 \ifcase #1
627 \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{%
628 This package does only define german male ordinals from 1}%
629 \or Erster\or Zweiter\or Dritter\or Vierter\or F\"unfter\or Sechster%
630 \or Siebter\or Achter\or Neunter\or Zehnter\else
631 \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{%
632 This package does only define german male ordinals up to 10}%
633 \fi
634 }
635 \newcommand*\germanfemaleordinal}[1]{%
636 \ifcase #1
637 \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{%
638 This package does only define german female ordinals from 1}%
639 \or Erste\or Zweite\or Dritte\or Vierte\or F\"unfte\or Sechste%
640 \or Siebte\or Achte\or Neunte\or Zehnte\else
641 \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{%
642 This package does only define german female ordinals up to 10}%
643 \fi
644 }

```

### 4.3 The titlepage Drivers

```

645 \begingroup
646 \def\PackageNotLoadedError#1{%
647 \GenericError{%
648 (#1)\@spaces\@spaces\@spaces\@spaces
649 }{%
650 File ‘#1’ Error: package ‘uni-titlepage’ hasn’t been loaded%
651 }{%
652 This definition file was made to be loaded by package
653 ‘uni-titlepage’.\MessageBreak
654 You may not use it without package ‘uni-titlepage’!\MessageBreak
655 See the documentation of package ‘uni-titlepage’ for explanation.%
656 }%
657 }%
658 \ifx\csname uni-titlepage.sty@vers\endcsname\relax
659 \PackageNotLoadedError{%
660 <DHBW> title-DHBW.def%
661 <KOMAScript> title-KOMAScript.def%
662 <TU-DD> title-TU-DD.def%
663 <TU-HH> title-TU-HH.def%
664 <Markus & 1> title-Markus-1.def%
665 <Markus & 2> title-Markus-2.def%
666 <Spacer> title-Spacer.def%

```

```

667 <KIT> title-KIT.def%
668 <JT-Aufsaeetze> title-JT-Aufsaeetze.def%
669 <JT-Geschichte> title-JT-Geschichte.def%
670 <JT-Typography> title-JT-Typography.def%
671 <WWUM> title-WWUM.def%
672 <UKoLa> title-UKoLa.def%
673 }%
674 \fi
675 \endgroup

```

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.

```

676 \DefineFamilyMember[%
677 <DHBW> DHBW%
678 <KOMAScript> KOMAScript%
679 <TU-DD> TU-DD%
680 <TU-HH> TU-HH%
681 <Markus & 1> Markus-1%
682 <Markus & 2> Markus-2%
683 <Spacer> Spacer%
684 <KIT> KIT%
685 <JT-Aufsaeetze> JT-Aufsaeetze%
686 <JT-Geschichte> JT-Geschichte%
687 <JT-Typography> JT-Typography%
688 <WWUM> WWUM%
689 <UKoLa> UKoLa%
690 ]{title}

```

Nevertheless some styles have their own switches:

**blackborder** (*opt.*) *Trauertrand* at style TU-DD:

```
691 <TU-DD>\FamilyBoolKey[TU-DD]{title}{blackborder}{blackborder}
```

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

```
692 <TU-HH>\FamilyBoolKey[TU-HH]{title}{final}{final}
```

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

```

\title@rulewidth 693 <*Spacer | JT-Aufsaeetze | JT-Geschichte | Markus & 2>
rulesep (opt.) 694 \providecommand*{\title@rulewidth}{%
\title@rulesep 695 <Spacer | Markus & 2> Opt%
rulecolor (opt.) 696 <JT-Aufsaeetze | JT-Geschichte> .25\textwidth
\title@rulecolor 697 }
698 \providecommand*{\title@rulesep}{%
699 <Spacer | Markus & 2> \ifdim \title@rulewidth>\z@ 10pt\else \z@\fi
700 <JT-Aufsaeetze | JT-Geschichte> 1.5pt%
701 }
702 \providecommand*{\title@rulecolor}{}
703 \DefineFamilyKey[%
704 <Markus & 2> Markus-2%
705 <JT-Aufsaeetze> JT-Aufsaeetze%
706 <JT-Geschichte> JT-Geschichte%
707 <Spacer> Spacer%
708 ]{title}{rulewidth}{%
709 \gdef\title@rulewidth{\dimexpr #1\relax}%

```



```

710 \FamilyKeyStateProcessed
711 }
712 \DefineFamilyKey[%
713 ⟨Markus & 2⟩ Markus-2%
714 ⟨JT-Aufsätze⟩ JT-Aufsätze%
715 ⟨JT-Geschichte⟩ JT-Geschichte%
716 ⟨Spacer⟩ Spacer%
717 ]{title}{rulesep}{%
718 \gdef\title@rulesep{\dimexpr #1\relax}%
719 \FamilyKeyStateProcessed
720 }
721 \FamilyStringKey[%
722 ⟨Markus & 2⟩ Markus-2%
723 ⟨JT-Aufsätze⟩ JT-Aufsätze%
724 ⟨JT-Geschichte⟩ JT-Geschichte%
725 ⟨Spacer⟩ Spacer%
726 ]{title}{rulecolor}{\title@rulecolor}
727 ⟨/Spacer | JT-Aufsätze | JT-Geschichte | Markus & 2⟩

```

An some has their own terms:

```

\presentationinformationUKoLa
\presentationinformationWWUM 728 % \changes{v1.0}{2022/03/22}{using \cs{usenonemptytitleelement}}
\presentationinformationTUHH 729 ⟨*UKoLa⟩
\presentationinformationDHBW 730 \providecommand*{\presentationinformationUKoLa}{%
\presentationinformationKIT 731 to obtain the degree\
732 \usenonemptytitleelement{academicgrade}\
733 of \usenonemptytitleelement{discipline}\
734 }
735 \providecaptionname{american,australian,british,canadian,%
736 english,newzealand,UKenglish,USenglish}{\presentationinformationUKoLa}{%
737 to obtain the degree\
738 \usenonemptytitleelement{academicgrade}\
739 of \usenonemptytitleelement{discipline}\
740 }%
741 \providecaptionname{german,ngerman,austrian,naustrian,%
742 swissgerman,nwissgerman}{\presentationinformationUKoLa}{%
743 zur Erlangung des Grades eines\
744 \usenonemptytitleelement{academicgrade}\
745 im Studiengang \usenonemptytitleelement{discipline}\
746 }%
747 ⟨/UKoLa⟩
748 ⟨*DHBW⟩
749 \providecommand*{\presentationinformationDHBW}{%
750 for the \examinationname{} of\ [.5\baselineskip]
751 \usenonemptytitleelement{academicgrade}\ [Opt plus 1fill]
752 of \usenonemptytitleelement{discipline}\ [.5\baselineskip]
753 at the \usenonemptytitleelement{university}\ ifx@place\empty\else\space\@place\fi
754 }
755 \providecaptionname{american,australian,british,canadian,%
756 english,newzealand,UKenglish,USenglish}{\presentationinformationDHBW}{%
757 for the \examinationname\ [.5\baselineskip]
758 \usenonemptytitleelement{academicgrade}\ [Opt plus 1fill]
759 of degree course \usenonemptytitleelement{discipline}\ [.5\baselineskip]

```

```

760 at the \usenonemptytitleelement{university}\ifx@place@empty\else\space@place\fi
761 }%
762 \providecaptionname{german,ngerman,austrian,naustrian,%
763 swissgerman,nswissgerman}{\presentationinformationDHBW}{%
764 f"ur die \examinationname{} zum\[\.5\baselineskip]
765 \usenonemptytitleelement{academicgrade}\[\Opt plus 1fill]
766 des Studienganges \usenonemptytitleelement{discipline}\[\.5\baselineskip]
767 an der \usenonemptytitleelement{university}\ifx@place@empty\else\space@place\fi
768 }%
769 </DHBW>
770 <*TU-HH>
771 \providecommand*{\presentationinformationTUHH}{%
772 \iffinal Of the \else The \fi Graduation Committee of the\
773 \usenonemptytitleelement{university}\[\.5ex]
774 to the Acquisition of the Academic Degree\[\.5ex]
775 \usenonemptytitleelement{academicgrade}\[\.5ex]
776 \iffinal approved \else submitted \fi@subject}
777 \providecaptionname{american,australian,british,canadian,%
778 english,newzealand,UKenglish,USenglish}{\presentationinformationTUHH}{%
779 \iffinal Of the \else The \fi Graduation Committee of the\
780 \usenonemptytitleelement{university}\[\.5ex]
781 to the Acquisition of the Academic Degree\[\.5ex]
782 \usenonemptytitleelement{academicgrade}\[\.5ex]
783 \iffinal approved \else submitted \fi@subject}
784 \providecaptionname{german,ngerman,austrian,naustrian,%
785 swissgerman,nswissgerman}{\presentationinformationTUHH}{%
786 \iffinal Vom \else Dem \fi Promotionsausschuss der\
787 \usenonemptytitleelement{university}\[\.5ex]
788 zur Erlangung des akademischen Grades\[\.5ex]
789 \usenonemptytitleelement{academicgrade}\[\.5ex]
790 \iffinal genehmigte \else vorgelegte \fi@subject}%
791 </TU-HH>
792 <*KIT>
793 \providecommand*{\presentationinformationKIT}{%
794 At the \usenonemptytitleelement{faculty}\
795 \strut\ignorespaces@chair\
796 }
797 \providecaptionname{american,australian,british,canadian,%
798 english,newzealand,UKenglish,USenglish}{\presentationinformationKIT}{%
799 At the \usenonemptytitleelement{faculty}\
800 \strut\ignorespaces@chair\
801 }%
802 \providecaptionname{german,ngerman,austrian,naustrian,%
803 swissgerman,nswissgerman}{\presentationinformationKIT}{%
804 An der \usenonemptytitleelement{faculty}\
805 \strut\ignorespaces@chair\
806 }%
807 </KIT>
808 <*WWUM>
809 \providecommand*{\presentationinformationWWUM}{%
810 \usenonemptytitleelement{subject}\
811 to the Aquisition of the Academic Degree\
812 \usenonemptytitleelement{academicgrade}\
813 of the \usenonemptytitleelement{science} of \usenonemptytitleelement{discipline}\

```

```

814 of the \usenonemptytitleelement{faculty} faculty\\
815 of the \usenonemptytitleelement{university}%
816 }
817 \providecaptionname{american,australian,british,canadian,%
818 english,newzealand,UKenglish,USenglish}{\presentationinformationWWUM}{%
819 \usenonemptytitleelement{subject}\\
820 to the Aquisition of the Academic Degree\\
821 \usenonemptytitleelement{academicgrade}\\
822 of the \usenonemptytitleelement{science} of \usenonemptytitleelement{discipline}\\
823 of the \usenonemptytitleelement{faculty} faculty\\
824 of the \usenonemptytitleelement{university}%
825 }
826 \providecaptionname{german,ngerman,austrian,naustrian,%
827 swissgerman,nswissgerman}{\presentationinformationWWUM}{%
828 \usenonemptytitleelement{subject}\\
829 zur Erlangung des \usenonemptytitleelement{academicgrade}\\
830 der \usenonemptytitleelement{science} im Fachbereich
831 \usenonemptytitleelement{discipline}\\
832 der \usenonemptytitleelement{faculty} Fakult"at\\
833 der \usenonemptytitleelement{university}%
834 }
835 </WWUM>

```

```

\KITlongname
\fromname 836 <*KIT>
\refereename
\KITurl 837 \providecaptionname{american,australian,british,canadian,%
838 english,newzealand,UKenglish,USenglish}{\KITlongname}{%
839 University of the State of Baden-W"urtemberg and National Research Center
840 of the Helmholtz Association%
841 }%
842 \providecaptionname{german,ngerman,austrian,naustrian,%
843 swissgerman,nswissgerman}{\KITlongname}{%
844 Universit"at des Landes Baden-W"urtemberg und nationales
845 Forschungszentrum in der Helmholtz-Gemeinschaft
846 }%
847 \scr@ifundefinedorrelax{captionamerican}{}{%
848 \renewcaptionname{american}{\fromname}{of}%
849 \renewcaptionname{american}{\refereename}{Reviewer}%
850 }%
851 \scr@ifundefinedorrelax{captionaustralian}{}{%
852 \renewcaptionname{australian}{\fromname}{of}%
853 \renewcaptionname{australian}{\refereename}{Reviewer}%
854 }%
855 \scr@ifundefinedorrelax{captionbritish}{}{%
856 \renewcaptionname{british}{\fromname}{of}%
857 \renewcaptionname{british}{\refereename}{Reviewer}%
858 }%
859 \scr@ifundefinedorrelax{captioncanadian}{}{%
860 \renewcaptionname{canadian}{\fromname}{of}%
861 \renewcaptionname{canadian}{\refereename}{Reviewer}%
862 }%
863 \scr@ifundefinedorrelax{captionenglish}{}{%
864 \renewcaptionname{english}{\fromname}{of}%
865 \renewcaptionname{english}{\refereename}{Reviewer}%

```

```

866 }%
867 \scr@ifundefinedorrelax{captionsnewzealand}{}{%
868   \renewcaptionname{newzealand}{\fromname}{of}%
869   \renewcaptionname{newzealand}{\refereename}{Reviewer}%
870 }%
871 \scr@ifundefinedorrelax{captionsUKenglish}{}{%
872   \renewcaptionname{UKenglish}{\fromname}{of}%
873   \renewcaptionname{UKenglish}{\refereename}{Reviewer}%
874 }%
875 \scr@ifundefinedorrelax{captionsUSenglish}{}{%
876   \renewcaptionname{USenglish}{\fromname}{of}%
877   \renewcaptionname{USenglish}{\refereename}{Reviewer}%
878 }%
879 \newcommand*{\KITurl}{www.kit.edu}
880 </KIT>

```

```

\presentedbyname
\ordinalmalerefereename 881 <*WWUM | UKoLa>
\ordinalfemalerefereename 882 \NowButAfterBeginDocument
883 {%
884   \providecaptionname{german,ngerman,austrian,naustrian,
885     swissgerman,nswissgerman}{\presentedbyname}{vorgelegt von}%
886   \scr@ifundefinedorrelax{captionsswissgerman}{}{%
887     \renewcaptionname{german}{\presentedbyname}{vorgelegt von}%
888     \renewcaptionname{german}{\ordinalfemalerefereename}{%
889       \ordinalfemalecorrectorname}%
890   }%
891   \scr@ifundefinedorrelax{captionssngerman}{}{%
892     \renewcaptionname{ngerman}{\presentedbyname}{vorgelegt von}%
893     \renewcaptionname{ngerman}{\ordinalmalerefereename}{%
894       \germanordinalmalecorrectorname}%
895     \renewcaptionname{ngerman}{\ordinalfemalerefereename}{%
896       \germanordinalfemalecorrectorname}%
897   }%
898   \scr@ifundefinedorrelax{captionssaustrian}{}{%
899     \renewcaptionname{austrian}{\presentedbyname}{vorgelegt von}%
900     \renewcaptionname{austrian}{\ordinalmalerefereename}{%
901       \germanordinalmalecorrectorname}%
902     \renewcaptionname{austrian}{\ordinalfemalerefereename}{%
903       \germanordinalfemalecorrectorname}%
904   }%
905   \scr@ifundefinedorrelax{captionssnaustrian}{}{%
906     \renewcaptionname{naustrian}{\presentedbyname}{vorgelegt von}%
907     \renewcaptionname{naustrian}{\ordinalmalerefereename}{%
908       \germanordinalmalecorrectorname}%
909     \renewcaptionname{naustrian}{\ordinalfemalerefereename}{%
910       \germanordinalfemalecorrectorname}%
911   }%
912   \scr@ifundefinedorrelax{captionsswissgerman}{}{%
913     \renewcaptionname{swissgerman}{\presentedbyname}{vorgelegt von}%
914     \renewcaptionname{swissgerman}{\ordinalmalerefereename}{%
915       \germanordinalmalecorrectorname}%
916     \renewcaptionname{swissgerman}{\ordinalfemalerefereename}{%

```

```

917     \germanordinalfemalecorrectorname}%
918 }%
919 \scr@ifundefinedorrelax{captionnswissgerman}{-}{-}%
920   \renewcaptionname{nswissgerman}{\presentedbyname}{vorgelegt von}%
921   \renewcaptionname{nswissgerman}{\ordinalmalerefereename}{-}%
922   \germanordinalmalecorrectorname}%
923   \renewcaptionname{nswissgerman}{\ordinalfemalerefereename}{-}%
924   \germanordinalfemalecorrectorname}%
925 }%
926 }
927 </WWUM | UKoLa>

```

While style initialization, something may change:

```

928 \renewcommand*{\inittitle}{-}%
style KOMAScript redefines some footnote macros:
929 <*KOMAScript>
930   \let\footnotesize\small
931   \let\footnoterule\relax
932   \let\footnote\thanks
933   \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
934   \let\@oldmakefnmark\@makefnmark
935   \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
936 </KOMAScript>

```

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

```

937 <*DHBW | TU-DD | TU-HH | KIT | WWUM>
938   \ifx\@university\@empty
939     \university{-}%
940 <DHBW>     Dualen Hochschule%
941 <TU-DD>     Technische\ nobreakspace Universit\ "at\ nobreakspace Dresden%
942 <TU-HH>     Technische\ nobreakspace Universit\ "at\ nobreakspace
943 <TU-HH>     Hamburg-Harburg%
944 <KIT>       KIT -- \KITlongname
945 <WWUM>     Westf\ "alischen Wilhelms-Universit\ "at M\ "unster%
946   }%
947   \fi
948 </DHBW | TU-DD | TU-HH | KIT | WWUM>
949 <*DHBW | TU-DD | TU-HH | KIT | WWUM | UKoLa>
950   \ifx\@place\@empty
951     \place{-}%
952 <DHBW>     Baden-W\ "urttemberg%
953 <TU-DD>     Dresden%
954 <TU-HH>     Hamburg%
955 <KIT>       Karlsruhe%
956 <*WWUM>
957     \PackageError{uni-titlepage}{Birth 'place' missing}{-}%
958     Style 'WWUM' needs the birth place of the student, so option 'place=...'
959     resp. \MessageBreak
960     command '\string\place{...}' is mandatory}%
961 </WWUM>
962 <UKoLa>     Koblenz%
963   }
964   \fi
965 <*DHBW | UKoLa>

```

```

966 \ifx\@mainlogo\@empty
967 <DHBW> \IfFileExists{DHBW_d_MOS_195x95_rgb_300.jpg}{%
968 <UKoLa> \IfFileExists{uni-koblenz-landau.png}{%
969 \scr@ifundefinedorrelax{includegraphics}{%
970 \if@atdocument\else\RequirePackage{graphicx}\fi
971 }{}%
972 \scr@ifundefinedorrelax{includegraphics}{}{%
973 \mainlogo{%
974 <*DHBW>
975 \includegraphics[width=57mm,height=27mm]
976 {DHBW_d_MOS_195x95_rgb_300.jpg}%
977 </DHBW>
978 <*UKoLa>
979 \includegraphics[width=63mm,height=10mm]
980 {uni-koblenz-landau.png}
981 </UKoLa>
982 }%
983 }%
984 }{}%
985 \fi
986 </DHBW | UKoLa>
987 <*DHBW>
988 \ifx\@titlehead\@empty
989 \titlehead{\hspace*\fill\@mainlogo}%
990 \fi
991 </DHBW>
992 <*DHBW | UKoLa>
993 \ifx\@titlepagefont\@empty
994 \renewcommand*{\@titlepagefont}{%
995 <DHBW> \normalfont\sffamily
996 <UKoLa> \normalfont
997 }%
998 \fi
999 </DHBW | UKoLa>
1000 <*KIT>
1001 \ifx\@homepage\@empty
1002 \homepage{KITurl}%
1003 \fi
1004 \ifx\@mainlogo\@empty

```

Try to detect one of the suitable PNGs of the KIT logo from [https://de.wikipedia.org/wiki/Datei:Logo\\_KIT.svg](https://de.wikipedia.org/wiki/Datei:Logo_KIT.svg).

```

1005 \def\KIT@logo{KITLogo_RGB.pdf}\IfFileExists{\KIT@logo}{}{%
1006 \def\KIT@logo{2560px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{}{%
1007 \def\KIT@logo{2000px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{}{%
1008 \def\KIT@logo{1280px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{}{%
1009 \def\KIT@logo{1024px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{}{%
1010 \def\KIT@logo{1000px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{}{%
1011 \def\KIT@logo{800px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{}{%
1012 \def\KIT@logo{640px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{}{%
1013 \def\KIT@logo{500px-Logo_KIT.svg.png}%
1014 }}}}]}%
1015 \IfFileExists{\KIT@logo}{%
1016 \scr@ifundefinedorrelax{includegraphics}{%

```

```

1017     \if@atdocument\else\RequirePackage{graphicx}\fi
1018   }{}%
1019   \scr@ifundefinedorrelax{includegraphics}{}{%
1020     \mainlogo{%
1021       \includegraphics[width=40mm,height=18.5mm]{\KIT@logo}%
1022     }%
1023   }%
1024 }{}%
1025 \fi
1026 \ifx\@titlehead\@empty
1027   \titlehead{\@mainlogo\hspace*{\fill}}%
1028 \fi
1029 \ifx\@titlepagefont\@empty
1030   \renewcommand*{\@titlepagefont}{\usefont{T1}{phv}{m}{n}}%
1031 \fi
1032 </KIT>
1033 <*WWUM>
1034 \ifx\@titlepagefont\@empty
1035   \renewcommand*{\@titlepagefont}{\normalfont\large}%
1036 \fi
1037 </WWUM>
1038 </DHBW | TU-DD | TU-HH | KIT | WWUM | UKoLa>
style Markus-2 uses it's own pagestyle at the first title page
1039 <*Markus & 2>
1040 \def\ps@maintitle{%
1041   \ps@empty
1042   \def\@oddhead{%
1043     \parbox[b][\headheight][b]{\hsize}{\@titlepagefont{%
1044       \csname @titlehead\endcsname}}%
1045   }%
1046   \let\@evenhead\@oddhead
1047 }%
1048 </Markus & 2>
styles JT-Aufsaeetze and JT-Geschichte set some font defaults:
1049 <*JT-Aufsaeetze | JT-Geschichte>
1050 \ifx\@titlepagefont\@empty
1051 <JT-Aufsaeetze> \renewcommand*{\@titlepagefont}{\normalfont\Huge\itshape}%
1052 <*JT-Geschichte>
1053   \scr@ifundefinedorrelax{lsstyle}{%
1054     \renewcommand*{\@titlepagefont}{\normalfont\let\@tpf@extra\scshape}%
1055   }{%
1056     \renewcommand*{\@titlepagefont}{%
1057       \normalfont\def\@tpf@extra{\lsstyle\MakeUppercase}%
1058     }%
1059   }
1060 </JT-Geschichte>
1061 \fi
1062 \ifx\titlefont\@empty
1063   \renewcommand*{\titlefont}{\normalfont}%
1064 \fi
1065 </JT-Aufsaeetze | JT-Geschichte>
1066 <*JT-Typography>
1067 \ifx\@titlepagefont\@empty

```

```

1068 \renewcommand*{\@titlepagefont}{\normalfont\sffamily\bfseries}%
1069 \fi
1070 </JT-Typography>
1071 }

```

\publishers KOMA-Script defines this macro. But we use \publisher instead.

```

1072 <KOMAScript>\providecommand*{\publishers}{\publisher}

```

\makemaintitle This differs from style to style:

```

1073 \renewcommand*{\makemaintitle}{%
1074 \begin{%
1075 <DHBW | TU-DD | TU-HH | KIT> fullsizetitle}
1076 <*KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1077 titlepage}
1078 </KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1079 \setlength{\parskip}{\z@}%
1080 \setlength{\parindent}{\z@}%
1081 \setlength{\parfillskip}{\z@\@plus 1fil}%
1082 \linespread{1}\selectfont
1083 \@titlepagefont
1084 <*DHBW>
1085 \vspace*{12mm}%
1086 \centering
1087 \begin{minipage}[t][\dimexpr\vsz-36mm\relax]{\dimexpr\hsz-40mm\relax}%
1088 \@titlehead\par
1089 \centering
1090 \Large
1091 \vfill
1092 {\titlefont{\Large\usenonemptytitleelement{title}}}\par
1093 \vfill
1094 {\subjectfont{\Large\usenonemptytitleelement{subject}}\par}}%
1095 \vfill
1096 \presentationinformationDHBW\par
1097 \vfill
1098 \fromname\[\.5\baselineskip]
1099 \usenonemptytitleelement{author}\par
1100 \vfill
1101 \@date\par
1102 \vfill
1103 \begin{tabular}{*2{p{.5\dimexpr\linewidth-3\tabcolsep\relax}}@{}}
1104 \durationname & \@duration \[\.5ex]
1105 \matriculationnumbername, \coursename & \usenonemptytitleelement{matriculationnumm}
1106 & \usenonemptytitleelement{course}\[\.5ex]
1107 \companyname & \usenonemptytitleelement{company} \[\.5ex]
1108 \advisorname{} \ofthename{} \companyname & \usenonemptytitleelement{advisor} \[\.5ex]
1109 \refereename{} \ofthename{} \@university & \usenonemptytitleelement{referee}
1110 \end{tabular}
1111 \end{minipage}
1112 </DHBW>
1113 <*KOMAScript>
1114 \ifx\@titlehead\@empty \else
1115 \begin{minipage}[t]{\textwidth}%

```



```

1116     \@titlehead
1117     \end{minipage}\par
1118 \fi
1119 \null\vfill
1120 \begin{group}
1121     \centering
1122     \ifx\@subject\@empty \else
1123         {\subject@font{\@subject \par}}%
1124         \vskip 3em
1125     \fi
1126     {\titlefont{\huge \usenonemptytitleelement{title}\par}}%
1127     \vskip 1em
1128     {\ifx\@subtitle\@empty\else\@subtitlefont{\@subtitle}\par\fi}%
1129     \vskip 2em
1130     {\Large \lineskip 0.75em
1131     \begin{tabular}[t]{c}
1132         \@author
1133     \end{tabular}\par
1134     }%
1135     \vskip 1.5em
1136     {\Large \@date \par}%
1137     \vskip \z@ \@plus3fill
1138     {\Large \@publisher \par}%
1139     \vskip 3em
1140 \end{group}
1141 \@thanks
1142 \vfill\null\vskip-\baselineskip
1143 </KOMAScript>
1144 <*TU-DD>
1145 \rule{0pt}{5mm}\par
1146 \ifblackborder
1147     \leavevmode\hskip 1cm
1148     \setlength{\fboxrule}{1pt}%
1149     \expandafter\fbx
1150 \else
1151     \expandafter\mbx
1152 \fi
1153 {%
1154     \begin{minipage}[t][\dimexpr\textheight-2.5cm\relax][t]{%
1155         \dimexpr\linewidth\ifblackborder-3cm\fi\relax}
1156         \sffamily
1157         \centering
1158         \vskip 3cm
1159         {\fontsize{28pt}{34pt}\selectfont
1160         \strut\ignorespaces\@university\unskip\strut\\}
1161         {\fontsize{24pt}{28pt}\selectfont
1162         \strut\ignorespaces\@faculty\unskip\strut\\}
1163         {\fontsize{20pt}{24pt}\selectfont
1164         \strut\ignorespaces\@chair\unskip\strut\\
1165         \strut\ignorespaces\@professor\unskip\strut\\
1166         \vfill
1167         {\bfseries\strut\ignorespaces\@title\unskip\strut\\}
1168         \strut\ignorespaces\@subject\unskip\strut\\
1169         \vfill

```

```

1170         \raggedright
1171         \hspace*{.25\linewidth}%
1172         \strut\ignorespaces\presentedbyname\unskip\strut\\
1173         \hspace*{.25\linewidth}\quad
1174         \begin{tabular}{@{}l@{}}
1175             \strut\ignorespaces\@author\unskip\strut\\
1176             \strut\ignorespaces\@discipline\unskip\strut\\
1177             \strut\ignorespaces\@matriculationnumber\unskip\strut\\
1178         \end{tabular}\\
1179         \vskip\baselineskip
1180         \hspace*{.25\linewidth}%
1181         \strut\ignorespaces\advisorname\unskip:\strut\\
1182         \hspace*{.25\linewidth}\quad
1183         \begin{tabular}{@{}l@{}}
1184             \strut\ignorespaces\usenonemptytitleelement{advisor}\unskip\strut\\
1185         \end{tabular}
1186         \vskip2\baselineskip
1187         \hspace*{.25\linewidth}%
1188         \strut\ignorespaces\@place, \nobreakspace\thename\nobreakspace\@date
1189         \par}
1190     \vspace*{5mm}
1191 \end{minipage}
1192 }%
1193 </TU-DD>
1194 <*TU-HH>
1195     \sffamily
1196     \centering
1197     \vspace{5cm}
1198     {\LARGE\bfseries\strut\ignorespaces\@title\\}
1199     {\Large\strut\ignorespaces\@subtitle\\}
1200     \vspace{2.5cm}
1201     {\Large\presentationinformationTUHH\\}
1202     \vspace{2.5cm}
1203     {\Large\strut\ignorespaces\fromname\\}
1204     \strut\ignorespaces\usenonemptytitleelement{author}\\}
1205     \vspace{2.5cm}
1206     {\Large\strut\ignorespaces\fromplacename\\}
1207     \strut\ignorespaces\usenonemptytitleelement{place}\\}
1208     \vspace{2.5cm}
1209     {\Large\@date}
1210 </TU-HH>
1211 <*WWUM>
1212     \centering
1213     \usenonemptytitleelement{chair}\\}
1214     \vspace{2cm}
1215     \usenonemptytitleelement{title}\\}
1216     \vfill
1217     \presentationinformationWWUM\\}
1218     \vfill
1219     \presentedbyname\\}
1220     \usenonemptytitleelement{author}\\}
1221     \ifx\@place\@empty\else\fromplacename{} \@place\\fi
1222     --\, \the\year\, --
1223 </WWUM>

```

```

1224 <*Markus & 1>
1225   \raggedright
1226   {\subject@font{%
1227     \large\strut\ignorespaces\@subject\par\vskip 2\baselineskip}}%
1228   {\titlefont{\LARGE\strut\ignorespaces\@title\par}}%
1229   {\@subtitlefont{%
1230     \large\vskip.5\baselineskip\strut\ignorespaces\@subtitle\par}}%
1231   \vfill
1232   {\csname @datefont\endcsname{\large\strut\ignorespaces\@date\par}}%
1233 </Markus & 1>
1234 <*Spacer | Markus & 2>
1235   \raggedright
1236 <Markus & 2>   \thispagestyle{maintitle}%
1237   \raisebox{0pt}[\ht\strutbox][\dimexpr\textheight-\ht\strutbox\relax]{%
1238     \ifx\title@rulecolor\@empty\else
1239       \ifundefined{color}{\color{\title@rulecolor}}%
1240     \fi
1241     \rule[\dimexpr-.667\headsep-\textheight\relax]
1242       {\title@rulewidth}
1243       {\dimexpr\textheight+2\headsep\relax}\kern\title@rulesep
1244   }%
1245   \parbox[t][\textheight][t]
1246     {\dimexpr \textwidth-\title@rulewidth-\title@rulesep\relax}{%
1247     \raggedright
1248 <*Spacer>
1249     \ifx\@titlehead\@empty\else
1250       \raisebox{\dimexpr\ht\strutbox-\totalheight\relax}{%
1251         \parbox[t]{\linewidth}{\@titlehead}}%
1252       }\par
1253       \vskip 2\baselineskip
1254     \fi
1255 </Spacer>
1256   {\leavevmode\subject@font{%
1257     \large\strut\ignorespaces\@subject\par\vskip 2\baselineskip}}%
1258   {\def\and{\}\csname @authorfont\endcsname{\large\@author}\par
1259     \vskip .5\baselineskip}%
1260   {\titlefont{\LARGE\strut\ignorespaces\@title\par}}%
1261   {\@subtitlefont{%
1262     \large\vskip.5\baselineskip\strut\ignorespaces\@subtitle\par}}%
1263   \vfill
1264   {\csname @publisherfont\endcsname{\large\@publisher\par}}%
1265   {\csname @datefont\endcsname{\large\strut\ignorespaces\@date\par}}%
1266   }%
1267 </Spacer | Markus & 2>
1268 <*KIT>
1269   \setlength{\unitlength}{1mm}%
1270   \begin{picture}(0,0)
1271     \put(15,-12){%
1272       \line(1,0){\dimexpr\paperwidth-37mm\relax\@gobble}%
1273     }%
1274     \put(\dimexpr\paperwidth-22mm\@gobble,-19){\oval(14,14)[rt]}%
1275     \put(\dimexpr\paperwidth-15mm\@gobble,-19){%
1276       \line(0,-1){\dimexpr\paperheight-37mm\relax\@gobble}%
1277     }%

```

```

1278 \put(22,-\dimexpr\paperheight-18mm\relax@gobble){%
1279 \line(1,0){\dimexpr\paperwidth-37mm\relax@gobble}%
1280 }%
1281 \put(22,-\dimexpr\paperheight-25mm\relax@gobble){\oval(14,14)[lb]}%
1282 \put(15,-\dimexpr\paperheight-25mm\relax@gobble){%
1283 \line(0,1){\dimexpr\paperheight-37mm\relax@gobble}%
1284 }%
1285 \end{picture}\par
1286 \vskip\dimexpr -\baselineskip+25mm\relax
1287 \hspace*{27mm}%
1288 \begin{minipage}[t][\dimexpr\paperheight-68mm\relax][t]
1289 {\dimexpr\paperwidth-54mm\relax}
1290 \raggedright\@titlehead\par
1291 \centering
1292 \vskip 25mm
1293 {\@titlepagefont\@title\par}%
1294 \vskip 20mm
1295 {\Large\@subject\par\fromname\par}
1296 \vskip 1cm
1297 {\huge\usenonemptytitleelement{author}\par}
1298 \vskip 1cm
1299 {\Large\presentationinformationKIT\par}
1300 \vskip 2cm
1301 {\Large
1302 \let\@tempa\refereename
1303 \def\@tempb{1}%
1304 \def\and{%
1305 \\\
1306 \xdef\@tempb{\the\numexpr\@tempb+1\relax}%
1307 \expandafter\ordinal\expandafter{\@tempb}\@tempa: &
1308 }%
1309 \begin{tabular}{@{}lr@{}}
1310 \refereename: & \@referee \\\
1311 \global\let\@tempa\advisorname\xdef\@tempb{1}%
1312 \advisorname: & \@advisor \\\
1313 \end{tabular}\par
1314 }
1315 \vfill
1316 {\large \durationname: \@duration\par}
1317 \end{minipage}
1318 \vskip 35mm
1319 \hspace*{27mm}\makebox[\dimexpr\paperwidth-56mm\relax]{%
1320 \tiny\@university\hfill\large\textbf{\@homepage}%
1321 }%
1322 </KIT>
1323 <*JT-Aufsätze>
1324 \centering
1325 \ifx\@author\@empty\else\@author\\
1326 \begin{picture}(\title@rulewidth\@gobble,
1327 \dimexpr .3ex+1pt+\title@rulesep\relax\@gobble)
1328 \ifx\title@rulecolor\@empty\else
1329 \@ifundefined{color}{\color{\title@rulecolor}}%
1330 \fi
1331 \put(0,\dimexpr .15ex+.5pt+\title@rulesep\relax@gobble){%

```

```

1332         \linethickness{.3ex}\line(1,0){\title@rulewidth@gobble}%
1333     }%
1334     \put(0,0){%
1335         \linethickness{1pt}\line(1,0){\title@rulewidth@gobble}%
1336     }%
1337     \end{picture}\[\baselineskip]
1338     \fi
1339     {\titlefont{\@title\par}}%
1340     \vfill
1341     \@publisher
1342 </JT-Aufsaetze>
1343 <*JT-Geschichte>
1344     \centering
1345     \large{\@tpf@extra{\@author\unskip\strut}}\[\dp\strutbox]
1346     {\titlefont{\Huge\@title\par}}
1347     \vfill
1348     \begin{picture}(\title@rulewidth@gobble,
1349         \dimexpr 4pt+1pt+\title@rulesep\relax@gobble)
1350         \ifx\title@rulecolor\@empty\else
1351             \@ifundefined{color}{\color{\title@rulecolor}}%
1352         \fi
1353         \put(0,\dimexpr 2pt+.5pt+\title@rulesep\relax@gobble){%
1354             \linethickness{1pt}\line(1,0){\title@rulewidth@gobble}%
1355         }%
1356         \put(0,0){%
1357             \linethickness{4pt}\line(1,0){\title@rulewidth@gobble}%
1358         }%
1359     \end{picture}\[\dp\strutbox]
1360     \@tpf@extra{\@publisher}%
1361     \ifx\@place\@empty\else
1362         \unskip\@tpf@extra{\strut}\[\dp\strutbox]\@tpf@extra{\@place}%
1363     \fi
1364 </JT-Geschichte>
1365 <*JT-Typography>
1366     \raggedright
1367     {\Large\MakeUppercase{\@author}\unskip\strut}\[\baselineskip]}
1368     {\titlefont{\Huge\MakeUppercase{\@title}\unskip\strut}\}
1369     {\@subtitlefont{\normalsize\MakeUppercase{\@subtitle}\unskip\strut}\}
1370     \vfill
1371     {\normalsize\MakeUppercase{\@place}\ifx\@place\@empty\else\enskip\fi
1372     {\LARGE\MakeUppercase{\@date}}%
1373     \ifx\@publisher\@empty\else\unskip\strut\[\1.5\baselineskip]
1374     \MakeUppercase{\@publisher}%
1375     \fi}
1376 </JT-Typography>
1377 <*UKoLa>
1378     \begin{tabular}[t]{@{}c@{}}
1379         \raisebox{\dimexpr\ht\strutbox-\height}{\@mainlogo}\
1380         \@chair\
1381     \end{tabular}\hfill
1382     \begin{tabular}[r]{@{}c@{}}
1383         \raisebox{\dimexpr\ht\strutbox-\height}{\@secondlogo}\
1384     \end{tabular}\par
1385     \vspace{5\baselineskip}

```

```

1386 \centering
1387 {\LARGE\bfseries\titlefont{\@title\par}}%
1388 \vspace{5\baselineskip}
1389 {\Large\subject@font{\@subject\par}}%
1390 \vspace{\baselineskip}
1391 \presentationinformationUKoLa\par
1392 \vspace{5\baselineskip}
1393 \presentedbyname\[\baselineskip]
1394 {\Large\csname @authorfont\endcsname{\usenonemptytitleelement{author}\par}}%
1395 \vfill
1396 \raggedright
1397 \@hangfrom{\advisorname: }\@advisor\par}%
1398 \newcommand*{\test@male@female}[1][m]{%
1399 \global\advance\@tempcnta by\@ne
1400 \Ifstr{##1}{f}{\def\fe@male{female}}{\def\fe@male{male}}%
1401 \@hangfrom{\csname ordinal\fe@male referename\endcsname{\@tempcnta: }}%
1402 \def\and{\par\test@male@female}%
1403 }%
1404 \@tempcnta \z@
1405 \expandafter\test@male@female\@referee\par
1406 \vspace{3\baselineskip}
1407 \@place, \Ifstr{\indatename}{-}{\indatename\ } \@date\par
1408 </UKoLa>
1409 \end{%
1410 <DHBW | TU-DD | TU-HH | KIT> fullsizetitle}
1411 <*KOMAScript | Markus | Spacer | JT-Aufsaeetze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1412 titlepage}
1413 </KOMAScript | Markus | Spacer | JT-Aufsaeetze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1414 }

```

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!

```

uppertitleback (opt.)
  \uppertitleback 1415 <*KOMAScript | Markus | Spacer>
  \@uppertitlebacke 1416 \providecommand*{\@uppertitleback}{-}
lowertitleback (opt.) 1417 \providecommand{\lowertitleback}[1]{\gdef\@uppertitleback{#1}}
  \lowertitleback 1418 \DefineFamilyKey[%
  \@lowertitleback 1419 <KOMAScript> KOMAScript%
  1420 <Markus & 1> Markus-1%
  1421 <Markus & 2> Markus-2%
  1422 <Spacer> Spacer%
  1423 <JT-Aufsaeetze> JT-Aufsaeetze%
  1424 <JT-Geschichte> JT-Geschichte%
  1425 <JT-Geschichte> JT-Typography%
  1426 ]{title}{uppertitleback}{\uppertitleback{#1}\FamilyKeyStateProcessed}
  1427 \providecommand*{\@lowertitleback}{-}
  1428 \providecommand{\lowertitleback}[1]{\gdef\@lowertitleback{#1}}
  1429 \DefineFamilyKey[%
  1430 <KOMAScript> KOMAScript%
  1431 <Markus & 1> Markus-1%
  1432 <Markus & 2> Markus-2%
  1433 <Spacer> Spacer%
  1434 <JT-Aufsaeetze> JT-Aufsaeetze%

```

```

1435 <JT-Geschichte> JT-Geschichte%
1436 <JT-Geschichte> JT-Typography%
1437 ]{title}{lowertitleback}{\lowertitleback{#1}\FamilyKeyStateProcessed}
1438 </KOMAScript | Markus | Spacer>

```

`\makemaintitleback` Only some of the styles define this:

```

1439 <*KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
1440 \renewcommand*\makemaintitleback}{%
1441   \begin{titlepage}
1442     \setlength{\parskip}{\z@}%
1443     \setlength{\parindent}{\z@}%
1444     \setlength{\parfillskip}{\z@\@plus 1fil}%
1445     \begin{minipage}[t]{\textwidth}
1446       \@titlepagefont{\@uppertitleback}%
1447     \end{minipage}\par
1448     \vfill
1449     \begin{minipage}[b]{\textwidth}
1450       \@titlepagefont{\@lowertitleback}%
1451     \end{minipage}
1452   \end{titlepage}
1453 }
1454 </KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
1455 <*TU-HH>
1456 \renewcommand*\makemaintitleback}{%
1457   \begin{titlepage}
1458     \setlength{\parskip}{\z@}%
1459     \setlength{\parindent}{\z@}%
1460     \setlength{\parfillskip}{\z@\@plus 1fil}%
1461     \vspace*{\fill}
1462     \iffinal
1463       \@tempcnta\z@
1464       \def\and{%
1465         \par\advance\@tempcnta by\@ne
1466         \@hangfrom{%
1467           \expandafter\ordinal\expandafter{the\@tempcnta}\~\refereename:\enskip
1468         }%
1469       }\and\@referee
1470       \fi
1471       \vskip 1cm
1472       \iffinal
1473         \@hangfrom{\oralexaminationdatename:\enskip}{\@oralexaminationdate}%
1474       \fi
1475   \end{titlepage}
1476 }
1477 </TU-HH>
1478 <*WWUM>
1479 \renewcommand*\makemaintitleback}{%
1480   \begin{titlepage}
1481     \setlength{\parfillskip}{\z@\@plus 1fil}%
1482     \vspace*{\fill}
1483     \noindent
1484     \@tempcnta\z@
1485     \def\arraystretch{2}%
1486     \newcommand*\test@malefemale}[1][m]{%

```

```

1487     \global\advance\@tempcnta by\@ne
1488     \Ifstr{##1}{f}{\def\fe@male{female}}{\def\fe@male{male}}%
1489     \csname \fe@male ordinal\endcsname{\@tempcnta}\space
1490     \csname \fe@male refereename\endcsname: &
1491     \def\and{\test@malefemale}%
1492   }%
1493   \begin{tabular}{@{}ll@{}}
1494     \chairmanname: & \@professor \\
1495     \expandafter\test@malefemale
1496     \@referee \\
1497     \oralexaminationdatename: & \@oralexaminationdate
1498     \ifx\examinationdatename\@empty\else
1499       \\examinationdatename: & &
1500     \fi
1501     \\
1502   \end{tabular}
1503 \end{titlepage}
1504 }
1505 </WWUM>

```

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 1506 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
\@extratitle 1507 \providecommand*\@extratitle{}
1508 \providecommand{\extratitle}[1]{\gdef\@extratitle{#1}}
1509 \DefineFamilyKey[%
1510 <KOMAScript> KOMAScript%
1511 <Markus & 2> Markus-2%
1512 <Spacer> Spacer%
1513 <JT-Aufsaetze> JT-Aufsaetze%
1514 <JT-Geschichte> JT-Geschichte%
1515 <JT-Typography> JT-Typography%
1516 ]{title}{extratitle}{\extratitle{#1}\FamilyKeyStateProcessed}
1517 </KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>

```

`\makeprettitle` Only some styles have pre titles:

```

\makeprettitleback 1518 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1519 \renewcommand*\makeprettitle{}%
1520 \ifx\@extratitle\@empty\else
1521   \begin{titlepage}
1522     \noindent\@extratitle
1523   \end{titlepage}
1524 \fi
1525 }%
1526 </KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1527 <*Markus & 1>
1528 \renewcommand*\makeprettitle{}%
1529 \ifx\@publisher\@empty\else
1530   \begin{titlepage}
1531     \raggedleft
1532     {\@titlepagefont{%
1533       \large\strut\ignorespaces\@publisher\par}}%

```



```

1534 \end{titlepage}
1535 \fi
1536 }
1537 </Markus & 1>
1538 <*WWUM>
1539 \renewcommand*{\makeprettitle}{%
1540 \begin{fullsizetitle}
1541 \@titlepagefont
1542 \vspace*{.33\vsizel}%
1543
1544 \centering
1545 \usenonemptytitleelement{author}\[1ex]
1546 \usenonemptytitleelement{title}\[1ex]
1547 \the\year
1548 \end{fullsizetitle}
1549 }
1550 </WWUM>
1551 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsaeetze | JT-Geschichte | JT-Typography>
1552 \renewcommand*{\makeprettitleback}{%
1553 \ifx\@extratitle\@empty\else\begin{titlepage}\null\end{titlepage}\fi
1554 }
1555 </KOMAScript | Markus & 2 | Spacer | JT-Aufsaeetze | JT-Geschichte | JT-Typography>
1556 <*Markus & 1>
1557 \renewcommand*{\makeprettitleback}{%
1558 \ifx\@author\@empty\else
1559 \ifx\@publisher\@empty\begin{titlepage}\end{titlepage}\fi
1560 \begin{titlepage}
1561 \raggedleft
1562 {\@titlepagefont{%
1563 \large\null\vskip 2\baselineskip
1564 \LARGE\strut{\def\and{\hspace{1em}}\linebreak[3]}%
1565 \csname @authorfont\endcsname{\large\ignorespaces\@author}\par}}}%
1566 \end{titlepage}
1567 \fi
1568 }
1569 </Markus & 1>
1570 <*WWUM>
1571 \renewcommand*{\makeprettitleback}{%
1572 \if@twoside\begin{titlepage}\null\end{titlepage}\fi
1573 }
1574 </WWUM>

```

`\makeposttitle` And only some styles provides one more title page with dedication.

```

\makeposttitleback 1575 <*KOMAScript | Markus | Spacer | JT-Aufsaeetze | JT-Geschichte | JT-Typography>
1576 \renewcommand*{\makeposttitle}{%
1577 \ifx\@dedication\@empty\else
1578 \begin{titlepage}
1579 \null\vfill
1580 {\centering\csname @dedicationfont\endcsname{\@dedication \par}}}%
1581 \vskip \z@ \@plus 3fill
1582 \end{titlepage}
1583 \fi
1584 }

```

```

1585 \renewcommand*{\makeposttitleback}{%
1586   \ifx\@dedication\@empty\else\begin{titlepage}\null\end{titlepage}\fi
1587 }
1588 </KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography)

```

## 4.4 The Examples and the Manual

```

1589 \documentclass[a4paper,pagesize]{scrbook}
1590 \usepackage[ngerman]{babel}
1591 \usepackage{iftex}
1592 \iftutex
1593 <*TU-HH | TU-DD>
1594   \usepackage{fontspec}
1595   \setmainfont{TeX Gyre Termes}
1596   \setsansfont{TeX Gyre Heros}
1597 </TU-HH | TU-DD>
1598 \else
1599   \usepackage[T1]{fontenc}
1600   \usepackage{lmodern}
1601 <TU-HH | TU-DD>\usepackage{mathpazo}
1602 <TU-HH | TU-DD>\usepackage[scaled]{helvet}
1603 \fi
1604 <JT-Geschichte>\usepackage{microtype}
1605 <DHBW | Spacer | KIT | UKoLa>\usepackage[demo]{graphicx}% remove option demo if you have the logo
1606 \usepackage{xcolor}
1607 <JT-Geschichte | JT-Typography>\colorlet{RED}{red}% because of \MakeUppercase{\textcolor{red}{...}}
1608 \usepackage{uni-titlepage}
1609 \begin{document}
1610 <*DHBW>
1611 \TitlePageStyle{DHBW}
1612 \makeatletter\providecommand*{\@titlepagefont}{\normalfont\sffamily}\makeatother
1613 \setkomafont{subject}{\sffamily\bfseries}
1614 \maketitle[%
1615   titlefont=\sffamily,
1616   mainlogo=\textcolor{red}{%
1617     % You may add a company logo here!
1618     % NOTE: The original logo has a large white border!
1619     \includegraphics[width=57mm,height=27mm]%
1620     {DHBW_d_MOS_195x95_rgb_300.jpg}%
1621   }},
1622 % You may additionally change titlehead. The original definition of
1623 % titlehead is:
1624 titlehead={\hspace*{\fill}\usetitleelement{mainlogo}},
1625 title=\textcolor{red}{Bachelorarbeitsthema},
1626 subject=\textcolor{red}{BACHELORARBEIT},
1627 academicgrade=\textcolor{red}{Bachelor of Engineering},
1628 discipline=\textcolor{red}{Studiengang},
1629 place={Baden-Württemberg \textcolor{red}{Stadt}},
1630 student=\textcolor{red}{Vorname Nachname},
1631 duration=\textcolor{red}{12 Wochen},
1632 matriculationnumber=\textcolor{red}{Matrikelnummer},
1633 course=\textcolor{red}{Kurskürzel},
1634 company=\textcolor{red}{Firmenname, Stadt},
1635 advisor=\textcolor{red}{Titel Vorname Nachname},

```

```

1636 referee=\textcolor{red}{Titel Vorname Nachname},
1637 date=\textcolor{red}{Abgabedatum}
1638 ]
1639 

```

```

1690 referee=\textcolor{red}{Name des ersten Gutachters\protect\and Name des zweiten
1691 Gutachters},
1692 oralexaminationdate=\textcolor{red}{29. Februar 2009}
1693 ]
1694 </TU-HH>
1695 <*Markus | Spacer>
1696 % Maybe we should define one more option for this:
1697 \setkomafont{subject}{\normalfont\sffamily}% because of KOMA-Script class
1698 \setkomafont{title}{\normalfont\sffamily}% because of KOMA-Script class
1699 <*1>
1700 \TitlePageStyle[pagenummer=1]{Markus-1}
1701 \maketitle[%
1702 titlepagefont={\normalfont\sffamily},% to show is without KOMA-Script class
1703 title=\textcolor{red}{Titel im Stil \texttt{Markus-1}},
1704 subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1705 subtitle=\textcolor{red}{Untertitel},
1706 publisher=\textcolor{red}{Verlag},
1707 uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels
1708 im Stil \texttt{Markus-1}.},
1709 lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels
1710 im Stil \texttt{Markus-1}.},
1711 dedication=\textcolor{red}{Eine Widmung im Stil \texttt{Markus-1}},
1712 author=\textcolor{red}{Markus~Kohm\protect\and Sonst~Jemand}
1713 ]
1714 </1>
1715 <*2 | Spacer>
1716 <2>\TitlePageStyle[pagenummer=1]{Markus-2}
1717 <Spacer>\TitlePageStyle[pagenummer=1]{Spacer}
1718 \maketitle[%
1719 rulewidth=2pt,
1720 extratitle=\textcolor{red}{Das ist ein Schmutztitel im Stil \texttt{%
1721 <2> Markus-2}},
1722 <Spacer> Spacer}},
1723 <*Spacer>
1724 titlehead=\textcolor{red}{\includegraphics{Logo}},
1725 </Spacer>
1726 title=\textcolor{red}{Titel im Stil \texttt{%
1727 <2> Markus-2}},
1728 <Spacer> Spacer}},
1729 subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1730 subtitle=\textcolor{red}{Untertitel},
1731 publisher=\textcolor{red}{Verlag},
1732 uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels
1733 im Stil \texttt{%
1734 <2> Markus-2}.},
1735 <Spacer> Spacer}.},
1736 lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels
1737 im Stil \texttt{%
1738 <2> Markus-2}.},
1739 <Spacer> Spacer}.},
1740 dedication=\textcolor{red}{Eine Widmung im Stil \texttt{%
1741 <2> Markus-2}},
1742 <Spacer> Spacer}},
1743 author=\textcolor{red}{Markus~Kohm}

```

```

1744 ]
1745 </2 | Spacer>
1746 </Markus | Spacer>
1747 <*KIT>
1748 \TitlePageStyle{KIT}
1749 \maketitle[%
1750   mainlogo={\textcolor{red}{%
1751     \includegraphics[width=40mm,height=18.5mm]{KITLogo_RGB}}},%
1752   % You may additionally change titlehead. Original definition of titlehead
1753   % is:
1754   titlehead={\usetitleelement{mainlogo}\hspace*{\fill}},%
1755   title=\textcolor{red}{Titel der Arbeit\im Stil \texttt{KIT}},%
1756   subject=\textcolor{red}{Klassifizierung der Arbeit},%
1757   author=\textcolor{red}{Markus~Kohm},%
1758   faculty=\textcolor{red}{Fakultät für Informatik},%
1759   chair=\textcolor{red}{%
1760     Institute for Program Structures\and Data Organization (IPA)},%
1761   advisor={\textcolor{red}{Titel Vorname Nachname}\and
1762     \textcolor{red}{Titel Vorname Nachname}},%
1763   referee={\textcolor{red}{Titel Vorname Nachname}\and
1764     \textcolor{red}{Titel Vorname Nachname}},%
1765   duration=\textcolor{red}{XX. Monat 20XX -- XX. Monat 20XX},%
1766   university=\textcolor{red}{\KITlongname},%
1767   homepage=\textcolor{red}{\KITurl}}%
1768 ]
1769 </KIT>
1770 <*JT-Aufsätze>
1771 \TitlePageStyle{JT-Aufsätze}
1772 \maketitle[%
1773   % There are only three official elements:
1774   author={\textcolor{red}{Markus Kohm}},%
1775   title={\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds
1776     ausgewählte Aufsätze über Fragen der Gestalt des Buches und der
1777     Typographie}},
1778   titlefont=\normalfont,% You may change the font of the main title
1779   publisher={\textcolor{red}{Der Verlag}}
1780   % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1781   % See Markus-2 for more information about those.
1782 ]
1783 </JT-Aufsätze>
1784 <*JT-Geschichte>
1785 \TitlePageStyle{JT-Geschichte}
1786 \maketitle[%
1787   % There are only four official elements:
1788   author={\textcolor{red}{Markus Kohm}},%
1789   title={\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds
1790     Geschichte der Schrift in Bildern}},
1791   titlefont=\itshape,% You may change the font of the main title
1792   publisher={\textcolor{red}{Der Verlag in seiner Langform}},
1793   place={\textcolor{red}{Der Ort}}
1794   % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1795   % See Markus-2 for more information about those.
1796 ]
1797 </JT-Geschichte>

```

```

1798 <*JT-Typography>
1799 \TitlePageStyle{JT-Typography}
1800 \maketitle[%
1801 % There are only four official elements:
1802 author={\textcolor{red}{Markus Kohm}},%
1803 title={\textcolor{red}{Titel der Arbeit}},
1804 subtitle={\textcolor{red}{angelehnt an the new Typography}},
1805 publisher={\textcolor{red}{Veröffentlicht für einen Verlag oder auch nicht}},
1806 place={\textcolor{red}{Der Ort}},
1807 date={\textcolor{red}{2012}}
1808 % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1809 % See Markus-2 for more information about those.
1810 ]
1811 </JT-Typography>

1812 <*WWUM>
1813 \TitlePageStyle{WWUM}
1814 \renewcaptionname{ngerman}{\examinationdatename}{Tag der Promotion}
1815 %\renewcaptionname{ngerman}{\examinationdatename}{}
1816 %\renewcaptionname{ngerman}{\chairmanname}{Dekan}
1817 %\renewcaptionname{ngerman}{\chairmanname}{Dekanin}
1818 \maketitle[%
1819 title={\textcolor{red}{Titel der Arbeit}},
1820 subject={\textcolor{red}{Inaugural-Dissertation}},
1821 academicgrade={\textcolor{red}{Doktorgrades}},
1822 discipline={\textcolor{red}{Physik}},
1823 science={\textcolor{red}{Naturwissenschaften}},
1824 chair={\textcolor{red}{Experimentelle Physik}},
1825 faculty={\textcolor{red}{Mathematisch-Naturwissenschaftlichen}},
1826 author={\textcolor{red}{Mein Name}},
1827 place={\textcolor{red}{Geburtsort}},
1828 referee={\textcolor{red}{Peter Mustermann}}\and
1829 [f]\textcolor{red}{Petra Musterfrau}},
1830 professor={\textcolor{red}{Klaus Naseschwarz}}
1831 ]
1832 </WWUM>
1833 <*UKoLa>
1834 \TitlePageStyle{UKoLa}
1835 \maketitle[%
1836 titlefont=\sffamily,
1837 mainlogo=\textcolor{red}{{\%
1838 \includegraphics[height=10mm,width=63mm]{
1839 uni-koblenz-landau}%
1840 }},
1841 chair=\textcolor{red}{Nummer des Instituts:
1842 Name des Instituts},
1843 secondlogo=\textcolor{red}{Optionales weiteres Logo},
1844 title=\textcolor{red}{Titel der Studien-, Bachelor-, Master- oder Diplomarbeit},
1845 subject=\textcolor{red}{Diplomarbeit},
1846 academicgrade=\textcolor{red}{Diplom-Informatikers},
1847 discipline=\textcolor{red}{Name des Studiengangs},
1848 place={\textcolor{red}{Koblenz}},
1849 author=\textcolor{red}{Vorname und Nachname des Absolventen / der
1850 Absolventin},
1851 advisor=\textcolor{red}{Title}

```

```

1852     Vorname{}
1853     Name,
1854     Institut, Fachbereich innerhalb der Universität /
1855     Institution außerhalb der Universität},
1856 referee={\textcolor{red}{Title{
1857     Vorname{
1858     Name,
1859     Institut, Fachbereich innerhalb der Universität /
1860     Institution außerhalb der Universität}}%
1861 \and[f]\textcolor{red}{Title{
1862     Vorname{
1863     Name,
1864     Institut, Fachbereich innerhalb der Universität /
1865     Institution außerhalb der Universität}}%
1866 },%
1867 date=\textcolor{red}{Abgabemonat},
1868 ]
1869
1870 </UKoLa)
1871 \end{document}

1872 <!*README)
1873 \documentclass{ltxdoc}
1874 \IfPackageAtLeastTF{doc}{2022/01/01}{}{%
1875 \errhelp{To avoid this error message, use doc.sty v3 instead of v2}}%
1876 \errmessage{Package 'doc' is too old!}%
1877 }

1878 \usepackage[english]{babel}
1879 \usepackage{xltabular}
1880 \usepackage{ragged2e}
1881 \usepackage{booktabs}
1882 \usepackage{graphicx}
1883 \usepackage{hologo}
1884 \newcommand*\NewIn[1]{\leavevmode\marginpar{\footnotesize\hfill added in #1}}
1885 \newcommand*\ChangedIn[1]{\leavevmode\marginpar{\footnotesize\hfill changed in
1886     #1}}
1887 \NewDocElement[macrolike = true,
1888     toplevel = false,
1889     idxtype = ,
1890     idxgroup = User commands,
1891     printtype =
1892     ]{InterfaceMacro}{imacro}
1893 \NewDocElement[macrolike = false,
1894     toplevel = false,
1895     idxtype = opt.,
1896     idxgroup = Title options,
1897     printtype = \textit{opt.}
1898     ]{Option}{option}
1899 \NewDocumentCommand{\pkg}{s0{https://www.ctan.org/pkg/#3}m}{%
1900 \IfBooleanTF{#1}{\@gobble}{%
1901 \csname t1_if_blank:nTF\endcsname{#2}{\@gobble}{\href}%
1902 }%
1903 {#2}{\textsf{#3}}}%
1904 }
1905 \newcommand*{\File}{\texttt}

```

```

1906 \CodelineIndex
1907 \RecordChanges
1908 \EnableCrossrefs
1909 \GetFileInfo{uni-titlepage.drv}
1910 \begin{document}
1911 \title{More Titlepage Styles with Package \pkg{uni-titlepage}}
1912 \author{\href{mailto:komascript@gmx.info}{Markus Kohm}}
1913 \date{\fileversion{} \filedate}
1914 \maketitle
1915 \begin{abstract}
1916 <\/!README>
1917 <*README>
1918 -----
1919
1920 This work may be distributed and/or modified under the conditions of
1921 the LaTeX Project Public License, version 1.3c of the license.
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1927 This work has the LPPL maintenance status "maintained".
1928
1929 The Current Maintainer and author of this work is Markus Kohm.
1930
1931 -----
1932
1933 # ABSTRACT
1934
1935 <\/README>
1936 Creation of title pages is something most authors should not have to do.
1937 But reality is not perfect, so a lot of authors have to do it. In 2009
1938 <\/!README>KOMA started the title page project at \url{https://komascript.de/titlepage}
1939 <\/README>KOMA started the title page project at <https://komascript.de/titlepage>
1940 to collect real title pages and implement them with a well defined interface.
1941 <\/!README>In 2021 the project has been moved to \url{https://github.com/komascript/uni-titlepage}
1942 <\/README>In 2021 the project has been moved to <https://github.com/komascript/uni-titlepage>
1943 and renamed.
1944
1945 Now, changing from one title page style to another would be very
1946 simple. Nevertheless implementation of a new title page style may be still
1947 difficult. But maybe the guys of the title page project would help you. Just
1948 ask!
1949 <*README>
1950
1951 # Unpacking and Installation for Developers and Distributors
1952
1953 To unpack and install all files, you can download the source from github
1954 and then run:
1955
1956     l3build install
1957
1958 Afterwards you can build the manual and the PDFs of the examples using:
1959

```



1960     l3build doc  
1961  
1962 As an alternative you can use the CTAN source distribution. This already  
1963 contains the user manual and the PDFs of the example files. So you only have  
1964 to run  
1965  
1966     tex uni-titlepage.dtx  
1967  
1968 to generate the package file ‘uni-titlepage.sty’, the title definition files  
1969 ‘title-\*.def’ and the example titlepages ‘titlepage-\*.tex’.  
1970  
1971 Please note, the ‘title-\*.def’ files are run-time files. Together with  
1972 ‘uni-titlepage.sty’ they have to be placed in ‘tex/latex/uni-titlepage’ inside  
1973 a TDS tree. All files ‘titlepage-\*.tex’ and ‘titlepage-\*.pdf’ as well as  
1974 ‘uni-titlepage.pdf’ are part of the documentation and should be placed in  
1975 ‘doc/latex/uni-titlepage/’ of the TDS tree.  
1976  
1977 # Unpacking and Installation for Users  
1978  
1979 Users can use the installation described at [Unpacking and Installation for  
1980 Developers and  
1981 Distributors] (#unpacking-and-installation-for-developers-and-distributors).  
1982 However, if your TeX distributor already distributes a ready for installation  
1983 package, you do not need and should not create files and copy them  
1984 yourself. Just use the package manager of your TeX distribution to install the  
1985 package.  
1986  
1987 # How to Contribute  
1988  
1989 If you have made a title definition that is not specific for a single project  
1990 but could be of interest for other users, you can either  
1991  
1992 \* make your own ‘uni-titlepage-FOO’ package with its own manual and [upload it  
1993 to ctan] (<https://www.ctan.org/upload>),  
1994 \* contribute in adding it to ‘uni-titlepage’.  
1995  
1996 The first option has the advantage, that you are free. There won’t be any code  
1997 reviews by the ‘uni-titlepage’ developers. You don’t need to use the same  
1998 coding style. There is not need to accept the license of ‘uni-titlepage’  
1999 etc. But in this case you have to take care to keep it compatible with future  
2000 releases of ‘uni-titlepage’ and it will not be presented in the  
2001 ‘uni-titlepage’ manual.  
2002  
2003 The second option has the advantage, that after accepting your code, the  
2004 ‘uni-titlepage’ developers will try to keep it working even if they change  
2005 ‘uni-titlepage’. But there are several restrictions to your code, before it  
2006 will be accepted. For example, you should always try to use general options,  
2007 if possible. \*Static text\* (not handled by options) should be configurable via  
2008 ‘\newcaptionname’, ‘\providecaptionname’ and ‘\renewcaptionname’ and should be  
2009 available at least in English and German (but if we can, we help in  
2010 translating them). The coding style and quality is also a criterion.  
2011  
2012 </README>  
2013 <!\*README>

```

2014 \end{abstract}
2015 \DocInput{uni-titlepage.dtx}
2016 \end{document}
2017  $\langle$ /!README)

```

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