

More Titlepage Styles with Package `uni-titlepage`

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Abstract

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

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

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1 Loading the Package

You may load this package like all the other package, simply using:

```
\usepackage{uni-titlepage}
```

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

2 The Title Page Styles and their Options

TitlePageStyle 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>
<code>mainlogo</code>	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)
<code>secondlogo</code>	UKoLa	a secondary logo
<code>matriculationnumber</code>	DHBW, TU-DD	if you were a student while you've made the work, this is your number
<code>oralexaminationdate</code>	TU-HH, WUMM	sometimes the date of the oral examination is not the main date but has to be shown too
<code>place</code>	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
<code>professor</code>	TU-DD, WUMM	the name of the professor who advised you during your work
<code>publisher</code>	KOMAScript, Markus-1, Markus-2, Spacer, JT-Aufsätze, JT-Geschichte, JT-Typography	most written works have a publisher
<code>referee</code>	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>
<code>sience</code>	WWUM	kind of science, e. g., "Naturwissenschaften"
<code>student</code>	see <i>author</i>	alias option to <code>author</code>
<code>subject</code>	every style	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

...

<i>String Option</i>	<i>Styles</i>	<i>Common Meaning</i>
subtitle	KOMAScript, Markus-1, Markus-2, Spacer, TU-HH	the sub-title of the document
title	<i>every style</i>	the main title of the document
titlehead	DHBW, KOMAScript, Markus-2, Spacer, KIT	page head over the main title of the document
university	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 L^AT_EX 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 56](#). At the shown examples most variable contents have been made red.

2.1 Style DHBW

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

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

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



Bachelorarbeitsthema

BACHELORARBEIT

für die Prüfung zum
Bachelor of Engineering

des Studienganges Studiengang
an der Dualen Hochschule Baden-Württemberg Stadt

von
Vorname Nachname

Abgabedatum

Bearbeitungszeitraum	12 Wochen
Matrikelnummer, Kurs	Matrikelnummer, Kurskürzel
Ausbildungsfirma	Firmenname, Stadt
Betreuer der Ausbildungsfirma	Titel Vorname Nachname
Gutachter der Dualen Hochschule	Titel Vorname Nachname

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 automaticly. The logo file is also available from https://de.wikipedia.org/wiki/Datei:DHBW_d_MOS_195x95_rgb_300.jpg. This original logo has a large white border, so it would be much smaller than the red box at the example. The example file also contains comments for an optional company logo at the upper left corner.

2.2 Style 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"> 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>. 5. optional post title with <code>dedication</code>. 6. empty and only in twoside mode with <code>dedication</code> used.

2.3 Style Markus-1

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

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

- 1. defined by publisher; may be omitted by publisher={}.
- 2. only in twoside mode with publisher defined by author.
- 3. main title page with subject, title, subtitle, and date.

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

<p>Oberer Bereich der Rückseite des Haupttitels im Stil Markus-1.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil Markus-1.</p>	<p>Eine Widmung im Stil Markus-1</p>
	<ol style="list-style-type: none"> 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>. 5. optional post title with <code>dedication</code>. 6. empty and only in twoside mode with <code>dedication</code> used.

2.4 Style Markus-2

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

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

1. defined by `extratitle`.
2. empty and only in twoside mode with `extratitle` used.
3. main title page with `titlehead` placed at the page head (if this is to high, it might be put outside the page; if it is to deep, it might overwrite parte of the title), `rulewidth` and `rulesep` for the vertical rule (these aren't package options but style options), `subject`, `title`, `subtitle`, `author`, `date`, and `plublisher`.

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 Markus-2.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil Markus-2.</p>	<p>Eine Widmung im Stil Markus-2</p>
	<ol style="list-style-type: none"> 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>. 5. optional post title with <code>dedication</code>. 6. empty and only in twoside mode with <code>dedication</code> used.

2.5 Style Spacer

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

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

1. defined by `extratitle`.
2. empty and only in `twoside` mode with `extratitle` used.
3. main title page with `titlehead` placed at the page head, `rulewidth` and `rulesep` for the vertical rule (these aren't package options but style options), `subject`, `title`, `subtitle`, `author`, `date`, and `publisher`.

Das ist ein Schmutztitel im Stil Spacer

Eine Klassifizierung der Arbeit
Markus Kohn
Titel im Stil Spacer
Untertitel

Verlag

<p>Oberer Bereich der Rückseite des Haupttitels im Stil <code>Spacer</code>.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil <code>Spacer</code>.</p>	<p>Eine Widmung im Stil <code>Spacer</code></p>
	<ol style="list-style-type: none"> 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>. 5. optional post title with <code>dedication</code>. 6. empty and only in twoside mode with <code>dedication</code> used.

2.6 Style TU-DD

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

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

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

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)

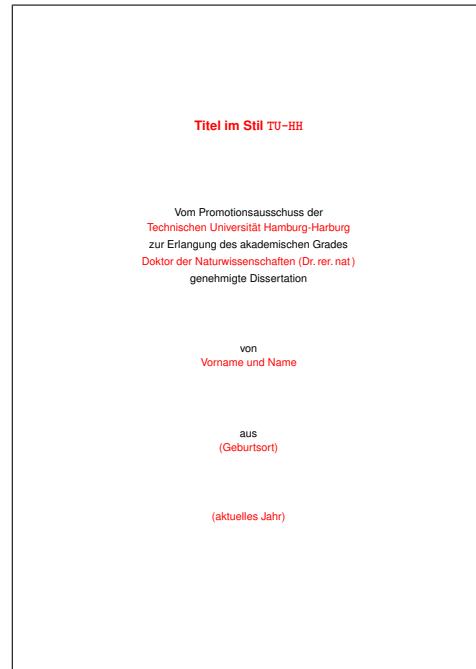
Dresden, den (Datum der Abgabe)

2.7 Style TU-HH

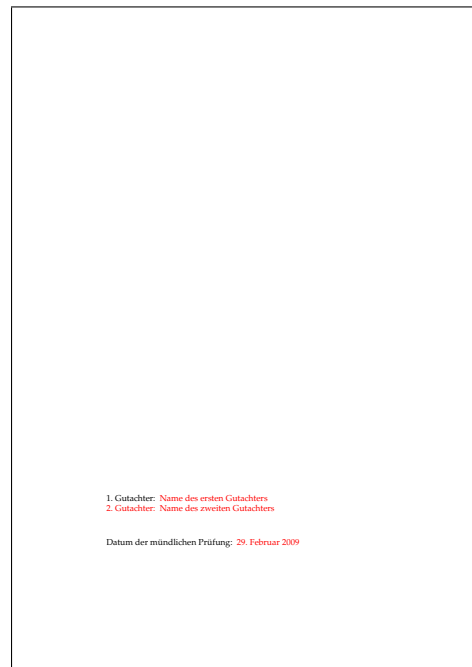
This style is used at the “Technische Universität Hamburg-Harburg”. I was asked for this several years ago. Only two title pages are defined!

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`.

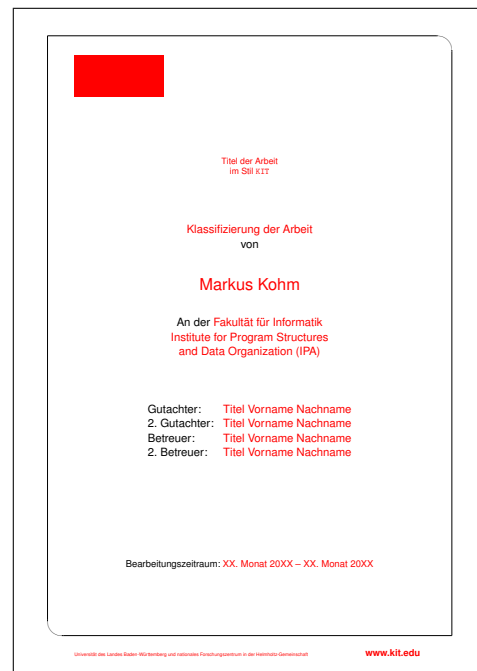
2.8 Style KIT

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^AT_EX class and template made by the KIT itself. Only one title page is defined!

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

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

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

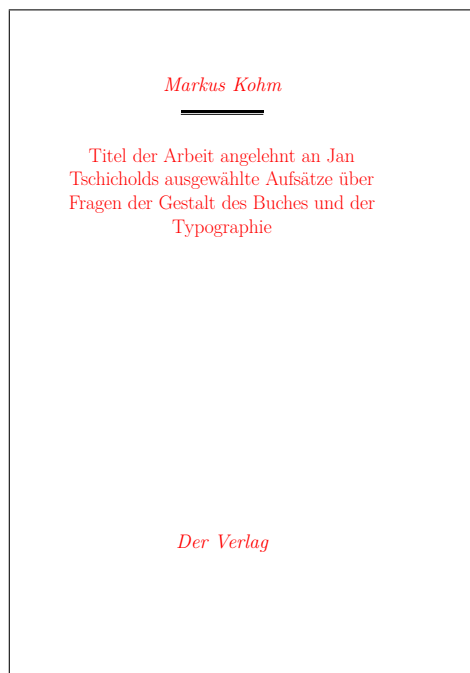


2.9 Style JT-Aufsaetze

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

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

1. main title page with `author`, `title`, `publisher`, `rulewidth` and `rulesep` for width of the horizontal rules and the distance between them (these aren’t package options but style options).



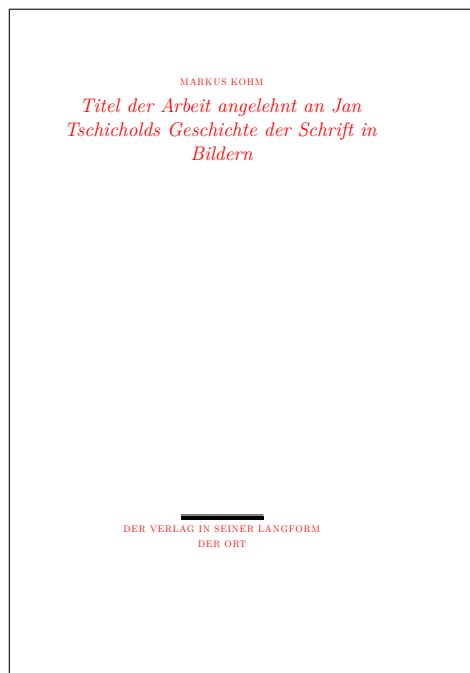
2.10 Style JT-Geschichte

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

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



2.11 Style JT-Typography

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

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

1. main title page with `author`, `title`, `subtitle`, `place`, `date`, `publisher`.

MARKUS KOHM

TITEL DER ARBEIT

ANGELEHNT AN THE NEW TYPOGRAPHY

DER ORT 2012

VERÖFFENTLICHT FÜR EINEN VERLAG ODER AUCH NICHT

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`.

<div>Mein Name Titel der Arbeit 2022</div>	<div>The pages (in example <code>tilepage-WWUM.tex</code>) are:</div> <div><div>1. cover page with <code>author</code>, <code>title</code>, <code>\the\year</code></div><div>2. the backside of the cover page is empty if it exists</div><div>3. main title page with <code>chair</code>, <code>title</code>, <code>subject</code>, <code>academicgrade</code>, <code>sience</code>, <code>discipline</code>, <code>faculty</code></div><div>4. main title back side with <code>professor</code>, <code>referee</code>, <code>oralexaminationdate</code> (normally empty)</div></div>
<div>Experimentelle Physik</div> <div>Titel der Arbeit</div> <div>Inaugural-Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften im Fachbereich Physik der Mathematisch-Naturwissenschaftlichen Fakultät der Westfälischen Wilhelms-Universität Münster</div> <div>vorgelegt von Mein Name aus Geburtsort - 2022 -</div>	<div>Dekan/Dekanin: Klaus Naaschwarz</div> <div>Erster Gutachter: Peter Mustermann</div> <div>Zweite Gutachterin: Petra Musterfrau</div> <div>Datum der mündlichen Prüfung:</div> <div>Tag der Promotion:</div>

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`.

Optionales weiteres Logo

Nummer des Instituts: Name des Instituts

Titel der Studien-, Bachelor-, Master- oder Diplomarbeit

Diplomarbeit

zur Erlangung des Grades eines
Diplom-Informatikers
im Studiengang Name des Studiengangs

vorgelegt von

Vorname und Nachname des Absolventen / der Absolventin

Betreuer: Titel Vorname Name, Institut, Fachbereich innerhalb der Universität /
Institution außerhalb der Universität

Erstkorrektor: Titel Vorname Name, Institut, Fachbereich innerhalb der Universität /
Institution außerhalb der Universität

Zweitkorrektorin: Titel Vorname Name, Institut, Fachbereich innerhalb der Universität
/ Institution außerhalb der Universität

Koblenz, im Abgabemonat

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.

`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-Aufsaetze.def}{\from{uni-titlepage.dtx}{driver,JT-Aufsaetze}}%
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-Aufsaetze.tex}{\from{uni-titlepage.dtx}{doc,example,JT-Aufsaetze}}%
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@restonecol`

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

```

164 \newsavebox\titlebox
165 \newenvironment{fullsizetitle}[1][\titlebox]{%
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}{Ignorring 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\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[0pt][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.\@current]{%
        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.\@current]{%
        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` 283 `\DefineSimpleTitleKey{science}`
`science` (*opt.*)

`\discipline`
`\@discipline` 284 `\DefineSimpleTitleKey{discipline}`
`discipline` (*opt.*)

`\academicgrade`
`\@academicgrade` 285 `\DefineSimpleTitleKey{academicgrade}`
`academicgrade` (*opt.*)

`\matriculationnumber`
`\@matriculationnumber` 286 `\DefineSimpleTitleKey{matriculationnumber}`
`matriculationnumber` (*opt.*)

`\advisor`
`\@advisor` 287 `\DefineSimpleTitleKey{advisor}`
`advisor` (*opt.*)

`\referee`
`\@referee` 288 `\DefineSimpleTitleKey{referee}`
`referee` (*opt.*)

`\place`
`\@place` 289 `\DefineSimpleTitleKey{place}`
`place` (*opt.*)

`\publisher`
`\@publisher` 290 `\DefineSimpleTitleKey{publisher}`
`publisher` (*opt.*) 291 `\renewcommand*{\@publisher}{\csname @publishers\endcsname}`

`\mainlogo`
`\@mainlogo` 292 `\DefineSimpleTitleKey{mainlogo}`
`mainlogo` (*opt.*)

`\secondlogo`
`\@secondlogo` 293 `\DefineSimpleTitleKey{secondlogo}`
`secondlogo` (*opt.*)

`\oralexaminationdate`
`\@oralexaminationdate` 294 `\DefineSimpleTitleKey{oralexaminationdate}`
`oralexaminationdate` (*opt.*)

```

\dedication
\@dedication 295 \providecommand*\@dedication{}
dedication (opt.) 296 \providecommand{\dedication}[1]{\gdef\@dedication{#1}}
297 \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:

```

298 \newcommand*\@usetitleelement}[1]{%
299   \scr@ifundefinedorrelax{#1}{%
300     \@usetitleelement@error{#1}%
301   }{%
302     \scr@ifundefinedorrelax{@#1}{%
303       \@usetitleelement@error{#1}%
304     }{%
305       \@nameuse{@#1}%
306     }%
307   }%
308 }
309 \newcommand*\@usetitleelement@error}[1]{%
310   \PackageError{uni-titlepage}{‘#1’ isn’t a title element}{%
311     You should use \string\usetitleelement\space for title elements
312     only!\MessageBreak
313     If you’ll continue, command will be ignored.}%
314 }

```

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

```

315 \newcommand*\usenonemptytitleelement}[1]{%
316   \expandafter\ifx\csname @#1\endcsname\@empty
317     \PackageError{uni-titlepage}{empty title element ‘#1’}{%
318       Title element ‘#1’ is empty but mandatory for the used title page
319       style.\MessageBreak
320       So it must not be empty.\MessageBreak
321       Please see the manual for more information about assigning
322       values to\MessageBreak
323       main title elements via options or commands.\MessageBreak
324       If you’ll continue, a \string\strut\space will be used.}%
325     \strut
326   \else
327     \usetitleelement{#1}%
328   \fi
329 }

```

Some variables use their own configurable font:

```

titlepagefont (opt.)
\@titlepagefont 330 \scr@ifundefinedorrelax{newkomafont}{%
331   \newcommand*\@titlepagefont{}%
332 }{%
333   \newkomafont{titlepage}{}%
334 }
335 \DefineFamilyKey{title}{titlepagefont}{%
336   \renewcommand*\@titlepagefont{#1}%

```



```

337 \FamilyKeyStateProcessed
338 }

subjectfont (opt.)
\subject@font 339 \providecommand*{\subject@font}{\bfseries}
340 \DefineFamilyKey{title}{subjectfont}{%
341 \renewcommand*{\subject@font}{#1}%
342 \FamilyKeyStateProcessed
343 }

titlefont (opt.)
\title@font 344 \providecommand*{\titlefont}{\bfseries}
345 \DefineFamilyKey{title}{titlefont}{%
346 \renewcommand*{\titlefont}{#1}%
347 \FamilyKeyStateProcessed
348 }

subtitlefont (opt.)
\@subtitlefont 349 \providecommand*{\@subtitlefont}{\bfseries}
350 \DefineFamilyKey{title}{subtitlefont}{%
351 \renewcommand*{\@subtitlefont}{#1}%
352 \FamilyKeyStateProcessed
353 }

\TitlePageStyle Load a title page style from file
354 \newcommand*{\TitlePageStyle}[2][]{%
355 \IfFileExists{title-#2.def}{%
356 \begingroup
357 \edef\@tempa{\endgroup
358 \noexpand\inittitlestyle
359 \noexpand\makeatletter
360 \noexpand\input{title-#2.def}%
361 \noexpand\catcode'\noexpand\@=\the\catcode'\@
362 }%
363 \@tempa
364 \TitleOptions{#1}%
365 }{%
366 \PackageError{uni-titlepage}{No title definition for ‘#2’ found}{%
367 You’ve tried to set title page style ‘#2’, but no title page
368 style definition file\MessageBreak
369 ‘title-#2.def’ may be found%
370 }%
371 }
372 }

\NowButAfterBeginDocument Nice shortcut:
373 \newcommand*{\NowButAfterBeginDocument}{%
374 \if@atdocument
375 \expandafter\@firstofone
376 \else
377 \expandafter\AtBeginDocument
378 \fi
379 }

```

380 \DeclareOption*{\expandafter\TitlePageStyle\expandafter{\CurrentOption}}
 381 \FamilyProcessOptions*\relax

\chairmannname Language dependent terms:

\projectpapername 382 \providecommand*{\chairmannname}{Chairman}
 \seminarpapername 383 \providecommand*{\projectpapername}{Project Paper}
 \studentresearchname 384 \providecommand*{\seminarpapername}{Seminar Paper}
 \diplomathesisname 385 \providecommand*{\studentresearchname}{Student Research Project}
 \degreethesisname 386 \providecommand*{\diplomathesisname}{Diploma Thesis}
 \masterthesisname 387 \providecommand*{\degreethesisname}{Degree Thesis}
 \bachelorthesisname 388 \providecommand*{\masterthesisname}{Master Thesis}
 \presentedbyname 389 \providecommand*{\bachelorthesisname}{Bachelor Thesis}
 \advisorname 390 \providecommand*{\presentedbyname}{presented by}
 \thename 391 \providecommand*{\advisorname}{Advisor}
 \ofthename 392 \providecommand*{\thename}{}
 \fromname 393 \providecommand*{\ofthename}{of the}
 \fromplacename 394 \providecommand*{\fromname}{from}
 \malerefereename 395 \providecommand*{\fromplacename}{from}
 \femalerefereename 396 \providecommand*{\malerefereename}{Referee}
 \ordinalmalerefereename 397 \providecommand*{\femalerefereename}{\refereename}
 \ordinalfemalerefereename 398 \providecommand*{\ordinalmalerefereename}{\refereename}
 \refereename 399 \providecommand*{\ordinalfemalerefereename}{\englishordinalmalerefereename}
 \oralexaminationdatename 400 \providecommand*{\ordinalfemalerefereename}{\englishordinalfemalerefereename}
 \ordinal 401 \providecommand*{\oralexaminationdatename}{Date of Oral Examination}
 \maleordinal 402 \providecommand*{\atthename}{at}
 \femaleordinal 403 \providecommand*{\durationname}{Processing Time}
 \indatename 404 \providecommand*{\matriculationnumbername}{Matriculationnumber}
 405 \providecommand*{\coursename}{Course}
 406 \providecommand*{\companyname}{Training Company}
 407 \providecommand*{\examinationname}{Examination}
 408 \providecommand*{\examinationdatename}{Date of Examination}
 409 \newcommand*{\ordinal}{\englishordinal}
 410 \newcommand*{\femaleordinal}{\ordinal}
 411 \newcommand*{\maleordinal}{\ordinal}
 412 \providecommand*{\indatename}{in}
 413 \providecaptionname{american,australian,british,canadian,%
 414 english,newzealand,UKenglish,USenglish}{\chairmannname}{Chairmain}%
 415 \providecaptionname{american,australian,british,canadian,%
 416 english,newzealand,UKenglish,USenglish}{\projectpapername}{Project Paper}%
 417 \providecaptionname{american,australian,british,canadian,%
 418 english,newzealand,UKenglish,USenglish}{\seminarpapername}{Seminar Paper}%
 419 \providecaptionname{american,australian,british,canadian,%
 420 english,newzealand,UKenglish,USenglish}{\studentresearchname}{Student
 421 Research Project}%
 422 \providecaptionname{american,australian,british,canadian,%
 423 english,newzealand,UKenglish,USenglish}{\diplomathesisname}{Diploma Thesis}%
 424 \providecaptionname{american,australian,british,canadian,%
 425 english,newzealand,UKenglish,USenglish}{\degreethesisname}{Degree Thesis}%
 426 \providecaptionname{american,australian,british,canadian,%
 427 english,newzealand,UKenglish,USenglish}{\masterthesisname}{Master Thesis}%
 428 \providecaptionname{american,australian,british,canadian,%
 429 english,newzealand,UKenglish,USenglish}{\bachelorthesisname}{Bachelor
 430 Thesis}%
 431 \providecaptionname{american,australian,british,canadian,%

432 english,newzealand,UKenglish,USenglish}{\ordinal}{\englishordinal}%
 433 \providecaptionname{american,australian,british,canadian,%
 434 english,newzealand,UKenglish,USenglish}{\presentedbyname}{presented by}%
 435 \providecaptionname{american,australian,british,canadian,%
 436 english,newzealand,UKenglish,USenglish}{\advisorname}{Advisor}%
 437 \providecaptionname{american,australian,british,canadian,%
 438 english,newzealand,UKenglish,USenglish}{\thename}{}%
 439 \providecaptionname{american,australian,british,canadian,%
 440 english,newzealand,UKenglish,USenglish}{\ofthename}{of the}%
 441 \providecaptionname{american,australian,british,canadian,%
 442 english,newzealand,UKenglish,USenglish}{\fromname}{from}%
 443 \providecaptionname{american,australian,british,canadian,%
 444 english,newzealand,UKenglish,USenglish}{\fromplacename}{from}%
 445 \providecaptionname{american,australian,british,canadian,%
 446 english,newzealand,UKenglish,USenglish}{\refereename}{Referee}%
 447 \providecaptionname{american,australian,british,canadian,%
 448 english,newzealand,UKenglish,USenglish}{\ordinalmalerefereename}{%
 449 \englishordinalmalerefereename}%
 450 \providecaptionname{american,australian,british,canadian,%
 451 english,newzealand,UKenglish,USenglish}{\ordinalfemalerefereename}{%
 452 \englishordinalfemalerefereename}%
 453 \providecaptionname{american,australian,british,canadian,%
 454 english,newzealand,UKenglish,USenglish}{\oralexaminationdatename}{Date of
 455 Oral Examination}%
 456 \providecaptionname{american,australian,british,canadian,%
 457 english,newzealand,UKenglish,USenglish}{\durationname}{Processing Time}%
 458 \providecaptionname{american,australian,british,canadian,%
 459 english,newzealand,UKenglish,USenglish}{\matriculationnumbername}{Matriculationnumber}%
 460 \providecaptionname{american,australian,british,canadian,%
 461 english,newzealand,UKenglish,USenglish}{\coursename}{Course}%
 462 \providecaptionname{american,australian,british,canadian,%
 463 english,newzealand,UKenglish,USenglish}{\companyname}{Training Company}%
 464 \providecaptionname{american,australian,british,canadian,%
 465 english,newzealand,UKenglish,USenglish}{\examinationname}{Examination}%
 466 \providecaptionname{american,australian,british,canadian,%
 467 english,newzealand,UKenglish,USenglish}{\examinationdatename}{Date of
 468 Examination}%
 469 \providecaptionname{american,australian,british,canadian,%
 470 english,newzealand,UKenglish,USenglish}{\indatename}{in}%
 471 \providecaptionname{german,ngerman,austrian,naustrian,%
 472 swissgerman,nswissgerman}{\chairmannname}{Dekan/Dekanin}%
 473 \providecaptionname{german,ngerman,austrian,naustrian,%
 474 swissgerman,nswissgerman}{\projectpapername}{Projektarbeit}%
 475 \providecaptionname{german,ngerman,austrian,naustrian,%
 476 swissgerman,nswissgerman}{\seminarpapername}{Seminararbeit}%
 477 \providecaptionname{german,ngerman,austrian,naustrian,%
 478 swissgerman,nswissgerman}{\studentresearchname}{Studienarbeit}%
 479 \providecaptionname{german,ngerman,austrian,naustrian,%
 480 swissgerman,nswissgerman}{\diplomathesisname}{Diplomarbeit}%
 481 \providecaptionname{german,ngerman,austrian,naustrian,%
 482 swissgerman,nswissgerman}{\degreethesisname}{Dissertation}%
 483 \providecaptionname{german,ngerman,austrian,naustrian,%
 484 swissgerman,nswissgerman}{\masterthesisname}{Master-Arbeit}%
 485 \providecaptionname{german,ngerman,austrian,naustrian,%

```

486 swissgerman,nswissgerman}{\bachelorthesisname}{Bachelor-Arbeit}%
487 \providecaptionname{german,ngerman,austrian,naustrian,%
488 swissgerman,nswissgerman}{\ordinal}{\germanordinal}%
489 \providecaptionname{german,ngerman,austrian,naustrian,%
490 swissgerman,nswissgerman}{\femaleordinal}{\germanfemaleordinal}%
491 \providecaptionname{german,ngerman,austrian,naustrian,%
492 swissgerman,nswissgerman}{\maleordinal}{\germanmaleordinal}%
493 \providecaptionname{german,ngerman,austrian,naustrian,%
494 swissgerman,nswissgerman}{\presentedbyname}{eingereicht von}%
495 \providecaptionname{german,ngerman,austrian,naustrian,%
496 swissgerman,nswissgerman}{\advisorname}{Betreuer}%
497 \providecaptionname{german,ngerman,austrian,naustrian,%
498 swissgerman,nswissgerman}{\thename}{den}%
499 \providecaptionname{german,ngerman,austrian,naustrian,%
500 swissgerman,nswissgerman}{\ofthename}{der}%
501 \providecaptionname{german,ngerman,austrian,naustrian,%
502 swissgerman,nswissgerman}{\fromname}{von}%
503 \providecaptionname{german,ngerman,austrian,naustrian,%
504 swissgerman,nswissgerman}{\fromplacename}{aus}%
505 \providecaptionname{german,ngerman,austrian,naustrian,%
506 swissgerman,nswissgerman}{\refereename}{Gutachter}%
507 \providecaptionname{german,ngerman,austrian,naustrian,%
508 swissgerman,nswissgerman}{\ordinalmalerefereename}{%
509 \germanordinalmalerefereename}%
510 \providecaptionname{german,ngerman,austrian,naustrian,%
511 swissgerman,nswissgerman}{\ordinalfemalefemale}%
512 \germanordinalfemalefemale}%
513 \providecaptionname{german,ngerman,austrian,naustrian,%
514 swissgerman,nswissgerman}{\femalefemale}{Gutachterin}%
515 \providecaptionname{german,ngerman,austrian,naustrian,%
516 swissgerman,nswissgerman}{\oralexaminationdatenname}{Datum der m\"undlichen
517 Pr\"ufung}%
518 \providecaptionname{german,ngerman,austrian,naustrian,%
519 swissgerman,nswissgerman}{\durationname}{Bearbeitungszeitraum}%
520 \providecaptionname{german,ngerman,austrian,naustrian,%
521 swissgerman,nswissgerman}{\matriculationnumbername}{Matrikelnummer}%
522 \providecaptionname{german,ngerman,austrian,naustrian,%
523 swissgerman,nswissgerman}{\coursename}{Kurs}%
524 \providecaptionname{german,ngerman,austrian,naustrian,%
525 swissgerman,nswissgerman}{\companyname}{Ausbildungsfirma}%
526 \providecaptionname{german,ngerman,austrian,naustrian,%
527 swissgerman,nswissgerman}{\examinationname}{Pr\"ufung}%
528 \providecaptionname{german,ngerman,austrian,naustrian,%
529 swissgerman,nswissgerman}{\examinationdatenname}{Tag der Pr\"ufung}%
530 \providecaptionname{german,ngerman,austrian,naustrian,%
531 swissgerman,nswissgerman}{\indatenname}{im}%

```

\englishordinalmalerefereename

```

532 \newcommand*{\englishordinalmalerefereename}[1]{%
533 \englishordinal{#1} \refereename%
534 }

```

\englishordinalfemalefemale

```

535 \newcommand*{\englishordinalfemalerefereename}[1]{%
536   \englishordinalmalerefereename{#1}%
537 }

```

\germanordinalmalerefereename

```

538 \newcommand*{\germanordinalmalerefereename}[1]{%
539   \ifnum #1<\@ne
540     \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
541       This package does only define German ordinal names for referees from 1}%
542   \else
543     \ifcase #1\or Erstgutachter\or Zweitgutachter\or Drittgutachter%
544     \or Viertgutachter\else
545       \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
546         This package does only define German ordinal names for referees up
547         to 4}%
548     \fi
549   \fi
550 }

```

germanordinalfemalerefereename

```

551 \newcommand*{\germanordinalfemalerefereename}[1]{%
552   \germanordinalfemalerefereename{#1}in%
553 }

```

germanordinalmalecorrectorname

```

554 \newcommand*{\germanordinalmalecorrectorname}[1]{%
555   \ifnum #1<\@ne
556     \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
557       This package does only define German ordinal names for correctors from 1}%
558   \else
559     \ifcase #1\or Erstkorrektor\or Zweitkorrektor\or Drittkorrektor%
560     \or Viertkorrektor\else
561       \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
562         This package does only define German ordinal names for correctors up
563         to 6}%
564     \fi
565   \fi
566 }

```

ermanordinalfemalecorrectorname

```

567 \newcommand*{\germanordinalfemalecorrectorname}[1]{%
568   \germanordinalmalecorrectorname{#1}in%
569 }

```

\englishordinal

```

570 \newcommand*{\englishordinal}[1]{%
571   \ifcsname engordnumber\endcsname
572     \engordnumber{#1}%
573   \else
574     \ifnum #1<\@ne

```

```

575     \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
576       This package does only define English ordinals from 1}%
577   \else
578     \ifcase #1\or 1st\or 2nd\or 3rd\or 4th\or 5th\or 6th\or 7th\or 8th\or
579       9th\or 10th\else
580       \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
581         This package does only define English ordinals from 1 to
582         10.\MessageBreak
583         You may load package ‘engord’ to improve support of english
584         ordinals}%
585   \fi
586 \fi
587 \fi
588 }

```

```

\germanordinal
\germanmaleordinal 589 \newcommand*{\germanordinal}[1]{%
\germanfemaleordinal 590   \ifnum #1<\@one
591     \PackageError{uni-titlepage}{Ordinal of ‘#1’ not defined}{%
592       This package does only define german ordinals from 1}%
593   \else
594     #1.%
595   \fi
596 }
597 \newcommand*{\germanmaleordinal}[1]{%
598   \ifcase #1
599     \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{%
600       This package does only define german male ordinals from 1}%
601     \or Erster\or Zweiter\or Dritter\or Vierter\or F\"unfter\or Sechster%
602     \or Siebter\or Achter\or Neunter\or Zehnter\else
603     \PackageError{uni-titlepage}{Male ordinal of ‘#1’ not defined}{%
604       This package does only define german male ordinals up to 10}%
605   \fi
606 }
607 \newcommand*{\germanfemaleordinal}[1]{%
608   \ifcase #1
609     \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{%
610       This package does only define german female ordinals from 1}%
611     \or Erste\or Zweite\or Dritte\or Vierte\or F\"unfte\or Sechste%
612     \or Siebte\or Achte\or Neunte\or Zehnte\else
613     \PackageError{uni-titlepage}{Female ordinal of ‘#1’ not defined}{%
614       This package does only define german female ordinals up to 10}%
615   \fi
616 }

```

4.3 The titlepage Drivers

```

617 \begingroup
618 \def\PackageNotLoadedError#1{%
619   \GenericError{%
620     (#1)\@spaces\@spaces\@spaces\@spaces
621   }{%
622     File ‘#1’ Error: package ‘uni-titlepage’ hasn’t been loaded%

```

```

623 }{%
624     This definition file was made to be loaded by package
625     'uni-titlepage'.\MessageBreak
626     You may not use it without package 'uni-titlepage'!\MessageBreak
627     See the documentation of package 'uni-titlepage' for explanation.%
628 }%
629 }%
630 \ifx\csname uni-titlepage.sty@vers\endcsname\relax
631     \PackageNotLoadedError{%
632 <DHBW>         title-DHBW.def%
633 <KOMAScript>    title-KOMAScript.def%
634 <TU-DD>         title-TU-DD.def%
635 <TU-HH>         title-TU-HH.def%
636 <Markus & 1>    title-Markus-1.def%
637 <Markus & 2>    title-Markus-2.def%
638 <Spacer>       title-Spacer.def%
639 <KIT>          title-KIT.def%
640 <JT-Aufsaeetze> title-JT-Aufsaeetze.def%
641 <JT-Geschichte> title-JT-Geschichte.def%
642 <JT-Typography> title-JT-Typography.def%
643 <WWUM>         title-WWUM.def%
644 <UKoLa>        title-UKoLa.def%
645     }%
646 \fi
647 \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.

```

648 \DefineFamilyMember[%
649 <DHBW> DHBW%
650 <KOMAScript> KOMAScript%
651 <TU-DD> TU-DD%
652 <TU-HH> TU-HH%
653 <Markus & 1> Markus-1%
654 <Markus & 2> Markus-2%
655 <Spacer> Spacer%
656 <KIT> KIT%
657 <JT-Aufsaeetze> JT-Aufsaeetze%
658 <JT-Geschichte> JT-Geschichte%
659 <JT-Typography> JT-Typography%
660 <WWUM> WWUM%
661 <UKoLa> UKoLa%
662 ]{title}

```

Nevertheless some styles have their own switches:

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

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

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

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

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

```
\title@rulewidth 665 <*Spacer | JT-Aufsaeetze | JT-Geschichte | Markus & 2>
```

rulesep (*opt.*)

```
\title@rulesep
```

```

666 \providecommand*{\title@rulewidth}{%
667 <Spacer | Markus & 2> 0pt%
668 <JT-Aufsätze | JT-Geschichte> .25\textwidth
669 }
670 \providecommand*{\title@rulesep}{%
671 <Spacer | Markus & 2> \ifdim \title@rulewidth>\z@ 10pt\else \z@\fi
672 <JT-Aufsätze | JT-Geschichte> 1.5pt%
673 }
674 \DefineFamilyKey[%
675 <Markus & 2> Markus-2%
676 <JT-Aufsätze> JT-Aufsätze%
677 <JT-Geschichte> JT-Geschichte%
678 <Spacer> Spacer%
679 ]{\title}{rulewidth}{%
680 \gdef\title@rulewidth{\dimexpr #1\relax}%
681 \FamilyKeyStateProcessed
682 }
683 \DefineFamilyKey[%
684 <Markus & 2> Markus-2%
685 <JT-Aufsätze> JT-Aufsätze%
686 <JT-Geschichte> JT-Geschichte%
687 <Spacer> Spacer%
688 ]{\title}{rulesep}{%
689 \gdef\title@rulesep{\dimexpr #1\relax}%
690 \FamilyKeyStateProcessed
691 }
692 </Spacer | JT-Aufsätze | JT-Geschichte | Markus & 2>

```

An some has their own terms:

```

\presentationinformationUKoLa
\presentationinformationWWUM 693 % \changes{v1.0}{2022/03/22}{using \cs{usenonemptytitleelement}}
\presentationinformationTUHH 694 <*UKoLa>
\presentationinformationDHBW 695 \providecommand*{\presentationinformationUKoLa}{%
\presentationinformationKIT 696 to obtain the degree\\
697 \usenonemptytitleelement{academicgrade}\\
698 of \usenonemptytitleelement{discipline}\\
699 }
700 \providcaptionname{american,australian,british,canadian,%
701 english,newzealand,UKenglish,USenglish}{\presentationinformationUKoLa}{%
702 to obtain the degree\\
703 \usenonemptytitleelement{academicgrade}\\
704 of \usenonemptytitleelement{discipline}\\
705 }%
706 \providcaptionname{german,ngerman,austrian,naustrian,%
707 swissgerman,nswissgerman}{\presentationinformationUKoLa}{%
708 zur Erlangung des Grades eines\\
709 \usenonemptytitleelement{academicgrade}\\
710 im Studiengang \usenonemptytitleelement{discipline}\\
711 }%
712 </UKoLa>
713 <*DHBW>
714 \providecommand*{\presentationinformationDHBW}{%
715 for the \examinationname{} of\[\.5\baselineskip]

```



```

716 \usenonemptytitleelement{academicgrade}\\[Opt plus 1fill]
717 of \usenonemptytitleelement{discipline}\\[.5\baselineskip]
718 at the \usenonemptytitleelement{university}\ifx@place@empty\else\space@place\fi
719 }
720 \providecaptionname{american,australian,british,canadian,%
721 english,newzealand,UKenglish,USenglish}{\presentationinformationDHBW}{%
722 for the \examinationname\\[.5\baselineskip]
723 \usenonemptytitleelement{academicgrade}\\[Opt plus 1fill]
724 of degree course \usenonemptytitleelement{discipline}\\[.5\baselineskip]
725 at the \usenonemptytitleelement{university}\ifx@place@empty\else\space@place\fi
726 }%
727 \providecaptionname{german,ngerman,austrian,naustrian,%
728 swissgerman,nswissgerman}{\presentationinformationDHBW}{%
729 f"ur die \examinationname{} zum\\[.5\baselineskip]
730 \usenonemptytitleelement{academicgrade}\\[Opt plus 1fill]
731 des Studienganges \usenonemptytitleelement{discipline}\\[.5\baselineskip]
732 an der \usenonemptytitleelement{university}\ifx@place@empty\else\space@place\fi
733 }%
734 </DHBW>
735 <*TU-HH>
736 \providecommand*{\presentationinformationTUHH}{%
737 \iffinal Of the \else The \fi Graduation Committee of the\\
738 \usenonemptytitleelement{university}\\[.5ex]
739 to the Acquisition of the Academic Degree\\[.5ex]
740 \usenonemptytitleelement{academicgrade}\\[.5ex]
741 \iffinal approved \else submitted \fi@subject}
742 \providecaptionname{american,australian,british,canadian,%
743 english,newzealand,UKenglish,USenglish}{\presentationinformationTUHH}{%
744 \iffinal Of the \else The \fi Graduation Committee of the\\
745 \usenonemptytitleelement{university}\\[.5ex]
746 to the Acquisition of the Academic Degree\\[.5ex]
747 \usenonemptytitleelement{academicgrade}\\[.5ex]
748 \iffinal approved \else submitted \fi@subject}
749 \providecaptionname{german,ngerman,austrian,naustrian,%
750 swissgerman,nswissgerman}{\presentationinformationTUHH}{%
751 \iffinal Vom \else Dem \fi Promotionsausschuss der\\
752 \usenonemptytitleelement{university}\\[.5ex]
753 zur Erlangung des akademischen Grades\\[.5ex]
754 \usenonemptytitleelement{academicgrade}\\[.5ex]
755 \iffinal genehmigte \else vorgelegte \fi@subject}%
756 </TU-HH>
757 <*KIT>
758 \providecommand*{\presentationinformationKIT}{%
759 At the \usenonemptytitleelement{faculty}\\
760 \strut\ignorespaces@chair\\
761 }
762 \providecaptionname{american,australian,british,canadian,%
763 english,newzealand,UKenglish,USenglish}{\presentationinformationKIT}{%
764 At the \usenonemptytitleelement{faculty}\\
765 \strut\ignorespaces@chair\\
766 }%
767 \providecaptionname{german,ngerman,austrian,naustrian,%
768 swissgerman,nswissgerman}{\presentationinformationKIT}{%
769 An der \usenonemptytitleelement{faculty}\\

```

```

770 \strut\ignorespaces\@chair\\
771 }%
772 </KIT>
773 <*WWUM>
774 \providecommand*{\presentationinformationWWUM}{%
775 \usenonemptytitleelement{subject}\\
776 to the Aquisition of the Academic Degree\\
777 \usenonemptytitleelement{academicgrade}\\
778 of the \usenonemptytitleelement{sience} of \usenonemptytitleelement{discipline}\\
779 of the \usenonemptytitleelement{faculty} faculty\\
780 of the \usenonemptytitleelement{university}%
781 }
782 \providecaptionname{american,australian,british,canadian,%
783 english,newzealand,UKenglish,USenglish}{\presentationinformationWWUM}{%
784 \usenonemptytitleelement{subject}\\
785 to the Aquisition of the Academic Degree\\
786 \usenonemptytitleelement{academicgrade}\\
787 of the \usenonemptytitleelement{sience} of \usenonemptytitleelement{discipline}\\
788 of the \usenonemptytitleelement{faculty} faculty\\
789 of the \usenonemptytitleelement{university}%
790 }
791 \providecaptionname{german,ngerman,austrian,naustrian,%
792 swissgerman,nswissgerman}{\presentationinformationWWUM}{%
793 \usenonemptytitleelement{subject}\\
794 zur Erlangung des \usenonemptytitleelement{academicgrade}\\
795 der \usenonemptytitleelement{sience} im Fachbereich
796 \usenonemptytitleelement{discipline}\\
797 der \usenonemptytitleelement{faculty} Fakult\\"at\\
798 der \usenonemptytitleelement{university}%
799 }
800 </WWUM>

\KITlongname
\fromname 801 <*KIT>
\refereename 802 \providecaptionname{american,australian,british,canadian,%
\KITurl 803 english,newzealand,UKenglish,USenglish}{\KITlongname}{%
804 University of the State of Baden-W\\"urttemberg and National Research Center
805 of the Helmholtz Association%
806 }%
807 \providecaptionname{german,ngerman,austrian,naustrian,%
808 swissgerman,nswissgerman}{\KITlongname}{%
809 Universit\\"at des Landes Baden-W\\"urttemberg und nationales
810 Forschungszentrum in der Helmholtz-Gemeinschaft
811 }%
812 \scr@ifundefinedorrelax{captionsamerican}{}{%
813 \renewcaptionname{american}{\fromname}{of}%
814 \renewcaptionname{american}{\refereename}{Reviewer}%
815 }%
816 \scr@ifundefinedorrelax{captionsaustralian}{}{%
817 \renewcaptionname{australian}{\fromname}{of}%
818 \renewcaptionname{australian}{\refereename}{Reviewer}%
819 }%
820 \scr@ifundefinedorrelax{captionsbritish}{}{%
821 \renewcaptionname{british}{\fromname}{of}%

```

```

822 \renewcaptionname{british}{\refereename}{Reviewer}%
823 }%
824 \scr@ifundefinedorrelax{captionscanadian}{}{%
825 \renewcaptionname{canadian}{\fromname}{of}%
826 \renewcaptionname{canadian}{\refereename}{Reviewer}%
827 }%
828 \scr@ifundefinedorrelax{captionseenglish}{}{%
829 \renewcaptionname{english}{\fromname}{of}%
830 \renewcaptionname{english}{\refereename}{Reviewer}%
831 }%
832 \scr@ifundefinedorrelax{captionnewzealand}{}{%
833 \renewcaptionname{newzealand}{\fromname}{of}%
834 \renewcaptionname{newzealand}{\refereename}{Reviewer}%
835 }%
836 \scr@ifundefinedorrelax{captionUKenglish}{}{%
837 \renewcaptionname{UKenglish}{\fromname}{of}%
838 \renewcaptionname{UKenglish}{\refereename}{Reviewer}%
839 }%
840 \scr@ifundefinedorrelax{captionUSenglish}{}{%
841 \renewcaptionname{USenglish}{\fromname}{of}%
842 \renewcaptionname{USenglish}{\refereename}{Reviewer}%
843 }%
844 \newcommand*{\KITurl}{www.kit.edu}
845 \</KIT>

```

```

\presentedbyname
\ordinalmalerefereename 846 \*WWUM | UKoLa
\ordinalfemalerefereename 847 \NowButAfterBeginDocument
848 {%
849 \providecaptionname{german,ngerman,austrian,naustrian,
850 swissgerman,nswissgerman}{\presentedbyname}{vorgelegt von}%
851 \scr@ifundefinedorrelax{captionsgerman}{}{%
852 \renewcaptionname{german}{\presentedbyname}{vorgelegt von}%
853 \renewcaptionname{german}{\ordinalfemalerefereename}{%
854 \ordinalfemalecorrectorname}%
855 }%
856 \scr@ifundefinedorrelax{captionsgerman}{}{%
857 \renewcaptionname{ngerman}{\presentedbyname}{vorgelegt von}%
858 \renewcaptionname{ngerman}{\ordinalmalerefereename}{%
859 \germanordinalmalecorrectorname}%
860 \renewcaptionname{ngerman}{\ordinalfemalerefereename}{%
861 \germanordinalfemalecorrectorname}%
862 }%
863 \scr@ifundefinedorrelax{captionsaustrian}{}{%
864 \renewcaptionname{austrian}{\presentedbyname}{vorgelegt von}%
865 \renewcaptionname{austrian}{\ordinalmalerefereename}{%
866 \germanordinalmalecorrectorname}%
867 \renewcaptionname{austrian}{\ordinalfemalerefereename}{%
868 \germanordinalfemalecorrectorname}%
869 }%
870 \scr@ifundefinedorrelax{captionснаustrian}{}{%
871 \renewcaptionname{naustrian}{\presentedbyname}{vorgelegt von}%
872 \renewcaptionname{naustrian}{\ordinalmalerefereename}{%

```

```

873 \germanordinalmalecorrectorname}%
874 \renewcaptionname{austrian}{\ordinalfemalerefereename}{%
875 \germanordinalfemalecorrectorname}%
876 }%
877 \scr@ifundefinedorrelax{captionsswissgerman}{}{%
878 \renewcaptionname{swissgerman}{\presentedbyname}{vorgelegt von}%
879 \renewcaptionname{swissgerman}{\ordinalmalerefereename}{%
880 \germanordinalmalecorrectorname}%
881 \renewcaptionname{swissgerman}{\ordinalfemalerefereename}{%
882 \germanordinalfemalecorrectorname}%
883 }%
884 \scr@ifundefinedorrelax{captionssnswissgerman}{}{%
885 \renewcaptionname{snswissgerman}{\presentedbyname}{vorgelegt von}%
886 \renewcaptionname{snswissgerman}{\ordinalmalerefereename}{%
887 \germanordinalmalecorrectorname}%
888 \renewcaptionname{snswissgerman}{\ordinalfemalerefereename}{%
889 \germanordinalfemalecorrectorname}%
890 }%
891 }
892 </WWUM | UKoLa>

```

While style initialization, something may change:

```

893 \renewcommand*{\inittitle}{%
style KOMAScript redefines some footnote macros:
894 <*KOMAScript>
895 \let\footnotesize\small
896 \let\footnoterule\relax
897 \let\footnote\thanks
898 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
899 \let\@oldmakefnmark\@makefnmark
900 \renewcommand*\@makefnmark{\rlap{\@oldmakefnmark}}%
901 </KOMAScript>

```

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

```

902 <*DHBW | TU-DD | TU-HH | KIT | WWUM>
903 \ifx\@university\@empty
904 \university{%
905 <DHBW> Dualen Hochschule%
906 <TU-DD> Technische\nobreakspace Universit\at\nobreakspace Dresden%
907 <TU-HH> Technische\nobreakspace Universit\at\nobreakspace
908 <TU-HH> Hamburg-Harburg%
909 <KIT> KIT -- \KITlongname
910 <WWUM> Westf\alischen Wilhelms-Universit\at M\unster%
911 }%
912 \fi
913 </DHBW | TU-DD | TU-HH | KIT | WWUM>
914 <*DHBW | TU-DD | TU-HH | KIT | WWUM | UKoLa>
915 \ifx\@place\@empty
916 \place{%
917 <DHBW> Baden-W\urttemberg%
918 <TU-DD> Dresden%
919 <TU-HH> Hamburg%
920 <KIT> Karlsruhe%
921 <*WWUM>

```

```

922     \PackageError{uni-titlepage}{Birth 'place' missing}{%
923         Style 'WWUM' needs the birth place of the student, so option 'place=...'
924         resp. \MessageBreak
925         command '\string\place{...}' is mandatory}%
926 \WWUM}
927 \UKoLa      Koblenz%
928 }
929 \fi
930 \*DHBW | UKoLa
931 \ifx\@mainlogo\@empty
932 \DHBW      \IfFileExists{DHBW_d_MOS_195x95_rgb_300.jpg}{%
933 \UKoLa      \IfFileExists{uni-koblenz-landau.png}{%
934     \scr@ifundefinedorrelax{includegraphics}{%
935     \if@atdocument\else\RequirePackage{graphicx}\fi
936     }{}%
937     \scr@ifundefinedorrelax{includegraphics}{%
938     \mainlogo{%
939 \*DHBW
940     \includegraphics[width=57mm,height=27mm]
941         {DHBW_d_MOS_195x95_rgb_300.jpg}%
942 \DHBW}
943 \*UKoLa
944     \includegraphics[width=63mm,height=10mm]
945         {uni-koblenz-landau.png}
946 \UKoLa}
947 }%
948 }%
949 }{}%
950 \fi
951 \DHBW | UKoLa
952 \*DHBW
953 \ifx\@titlehead\@empty
954     \titlehead{\hspace*{\fill}\@mainlogo}%
955 \fi
956 \DHBW
957 \*DHBW | UKoLa
958 \ifx\@titlepagefont\@empty
959     \renewcommand*{\@titlepagefont}{%
960 \DHBW      \normalfont\sffamily
961 \UKoLa      \normalfont
962 }%
963 \fi
964 \DHBW | UKoLa
965 \*KIT
966 \ifx\@homepage\@empty
967     \homepage{\KITurl}%
968 \fi
969 \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.

```

970 \def\KIT@logo{KITLogo_RGB.pdf}\IfFileExists{\KIT@logo}{%
971 \def\KIT@logo{2560px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{%
972 \def\KIT@logo{2000px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{%

```

```

973 \def\KIT@logo{1280px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{\%
974 \def\KIT@logo{1024px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{\%
975 \def\KIT@logo{1000px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{\%
976 \def\KIT@logo{800px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{\%
977 \def\KIT@logo{640px-Logo_KIT.svg.png}\IfFileExists{\KIT@logo}{\%
978 \def\KIT@logo{500px-Logo_KIT.svg.png}%
979 }}}}{}%
980 \IfFileExists{\KIT@logo}{%
981 \scr@ifundefinedorrelax{includegraphics}{%
982 \if@atdocument\else\RequirePackage{graphicx}\fi
983 }{}%
984 \scr@ifundefinedorrelax{includegraphics}{\%
985 \mainlogo{%
986 \includegraphics[width=40mm,height=18.5mm]{\KIT@logo}%
987 }%
988 }%
989 }{}%
990 \fi
991 \ifx\@titlehead\@empty
992 \titlehead{\@mainlogo\hspace*{\fill}}%
993 \fi
994 \ifx\@titlepagefont\@empty
995 \renewcommand*{\@titlepagefont}{\usefont{T1}{phv}{m}{n}}%
996 \fi
997 \</KIT>
998 \<*WWUM>
999 \ifx\@titlepagefont\@empty
1000 \renewcommand*{\@titlepagefont}{\normalfont\large}%
1001 \fi
1002 \</WWUM>
1003 \</DHBW | TU-DD | TU-HH | KIT | WWUM | UKoLa>

```

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

```

1004 \<*Markus & 2>
1005 \def\ps@maintitle{%
1006 \ps@empty
1007 \def\@oddhead{%
1008 \parbox[b][\headheight][b]{\hspace*{\@titlepagefont}{
1009 \csname @titlehead\endcsname}}%
1010 }%
1011 \let\@evenhead\@oddhead
1012 }%
1013 \</Markus & 2>

```

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

```

1014 \<*JT-Aufsaetze | JT-Geschichte>
1015 \ifx\@titlepagefont\@empty
1016 \<JT-Aufsaetze> \renewcommand*{\@titlepagefont}{\normalfont\Huge\itshape}%
1017 \<JT-Geschichte>
1018 \scr@ifundefinedorrelax{lsstyle}{%
1019 \renewcommand*{\@titlepagefont}{\normalfont\let\@tpf@extra\scshape}%
1020 }{}%
1021 \renewcommand*{\@titlepagefont}{%
1022 \normalfont\def\@tpf@extra{\lsstyle\MakeUppercase}%
1023 }%

```

```

1024     }
1025 </JT-Geschichte>
1026   \fi
1027   \ifx\titelfont\@empty
1028     \renewcommand*\titelfont{\normalfont}%
1029   \fi
1030 </JT-Aufsätze | JT-Geschichte>
1031 <*JT-Typography>
1032   \ifx\@titlepagefont\@empty
1033     \renewcommand*\@titlepagefont{\normalfont\sffamily\bfseries}%
1034   \fi
1035 </JT-Typography>
1036 }

```

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

```

1037 <KOMAScript>\providecommand*\publishers{\publisher}

```

\makemaintitle This differs from style to style:

```

1038 \renewcommand*\makemaintitle{%
1039   \begin{
1040     <DHBW | TU-DD | TU-HH | KIT>      fullsizetitle>
1041     <*KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1042     titlepage>
1043     </KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1044     \setlength{\parskip}{\z@}%
1045     \setlength{\parindent}{\z@}%
1046     \setlength{\parfillskip}{\z@ \@plus 1fil}%
1047     \linespread{1}\selectfont
1048     \@titlepagefont
1049     <*DHBW>
1050     \vspace*{12mm}%
1051     \centering
1052     \begin{minipage}[t][\dimexpr\vsiz-36mm\relax][\dimexpr\hsiz-40mm\relax]%
1053       \@titlehead\par
1054       \centering
1055       \Large
1056       \vfill
1057       {\titelfont{\Large\usenonemptytitleelement{title}}}\par
1058       \vfill
1059       {\subject@font{\Large\usenonemptytitleelement{subject}}\par}}%
1060       \vfill
1061       \presentationinformationDHBW\par
1062       \vfill
1063       \fromname\[\.5\baselineskip]
1064       \usenonemptytitleelement{author}\par
1065       \vfill
1066       \@date\par
1067       \vfill
1068       \begin{tabular}{*2{p{.5\dimexpr\linewidth-3\tabcolsep\relax}}@{}}
1069         \durationname & \@duration \[\.5ex]
1070         \matriculationnumbername, \coursename & \usenonemptytitleelement{matriculationnum
1071         \usenonemptytitleelement{course}\[\.5ex]

```

```

1072         \companyname & \usenonemptytitleelement{company} \[.5ex
1073         \advisorname{} \ofthename{} \companyname & \usenonemptytitleelement{advisor} \[.5ex
1074         \refereename{} \ofthename{} \@university & \usenonemptytitleelement{referee}
1075     \end{tabular}
1076 \end{minipage}
1077 </DHBW>
1078 <*KOMAScript>
1079     \ifx\@titlehead\@empty \else
1080         \begin{minipage}[t]{\textwidth}%
1081             \@titlehead
1082         \end{minipage}\par
1083     \fi
1084     \null\vfill
1085     \begingroup
1086         \centering
1087         \ifx\@subject\@empty \else
1088             {\subject@font{\@subject \par}}%
1089             \vskip 3em
1090         \fi
1091         {\titlefont{\huge \usenonemptytitleelement{title}\par}}%
1092         \vskip 1em
1093         {\ifx\@subtitle\@empty\else\@subtitlefont{\@subtitle}\par\fi}%
1094         \vskip 2em
1095         {\Large \lineskip 0.75em
1096             \begin{tabular}[t]{c}
1097                 \@author
1098             \end{tabular}\par
1099         }%
1100         \vskip 1.5em
1101         {\Large \@date \par}%
1102         \vskip \z@ \@plus3fill
1103         {\Large \@publisher \par}%
1104         \vskip 3em
1105     \endgroup
1106     \@thanks
1107     \vfill\null\vskip-\baselineskip
1108 </KOMAScript>
1109 <*TU-DD>
1110     \rule{0pt}{5mm}\par
1111     \ifblackborder
1112         \leavevmode\hskip 1cm
1113         \setlength{\fboxrule}{1pt}%
1114         \expandafter\fbox
1115     \else
1116         \expandafter\mbox
1117     \fi
1118     {%
1119         \begin{minipage}[t][\dimexpr\textheight-2.5cm\relax][t]{%
1120             \dimexpr\linewidth\ifblackborder-3cm\fi\relax}
1121             \sffamily
1122             \centering
1123             \vskip 3cm
1124             {\fontsize{28pt}{34pt}\selectfont
1125                 \strut\ignorespaces\@university\unskip\strut\}

```



```

1126      {\fontsize{24pt}{28pt}\selectfont
1127      \strut\ignorespaces\@faculty\unskip\strut\\}
1128      {\fontsize{20pt}{24pt}\selectfont
1129      \strut\ignorespaces\@chair\unskip\strut\\
1130      \strut\ignorespaces\@professor\unskip\strut\\
1131      \vfill
1132      {\bfseries\strut\ignorespaces\@title\unskip\strut\\}
1133      \strut\ignorespaces\@subject\unskip\strut\\
1134      \vfill
1135      \raggedright
1136      \hspace*{.25\linewidth}%
1137      \strut\ignorespaces\presentedbyname\unskip\strut\\
1138      \hspace*{.25\linewidth}\quad
1139      \begin{tabular}{@{}l@{}}
1140        \strut\ignorespaces\@author\unskip\strut\\
1141        \strut\ignorespaces\@discipline\unskip\strut\\
1142        \strut\ignorespaces\@matriculationnumber\unskip\strut\\
1143      \end{tabular}\\
1144      \vskip\baselineskip
1145      \hspace*{.25\linewidth}%
1146      \strut\ignorespaces\advisorname\unskip:\strut\\
1147      \hspace*{.25\linewidth}\quad
1148      \begin{tabular}{@{}l@{}}
1149        \strut\ignorespaces\usenonemptytitleelement{advisor}\unskip\strut\\
1150      \end{tabular}
1151      \vskip2\baselineskip
1152      \hspace*{.25\linewidth}%
1153      \strut\ignorespaces\@place,\nobreakspace\thename\nobreakspace\@date
1154      \par}
1155      \vspace*{5mm}
1156    \end{minipage}
1157  }%
1158 </TU-DD>
1159 <*TU-HH>
1160   \sffamily
1161   \centering
1162   \vspace{5cm}
1163   {\LARGE\bfseries\strut\ignorespaces\@title\\}
1164   {\Large\strut\ignorespaces\@subtitle\\}
1165   \vspace{2.5cm}
1166   {\Large\presentationinformationTUHH\\}
1167   \vspace{2.5cm}
1168   {\Large\strut\ignorespaces\fromname\\
1169     \strut\ignorespaces\usenonemptytitleelement{author}\\}
1170   \vspace{2.5cm}
1171   {\Large\strut\ignorespaces\fromplacename\\
1172     \strut\ignorespaces\usenonemptytitleelement{place}\\}
1173   \vspace{2.5cm}
1174   {\Large\@date}
1175 </TU-HH>
1176 <*WWUM>
1177   \centering
1178   \usenonemptytitleelement{chair}\\
1179   \vspace{2cm}

```

```

1180 \usenonemptytitleelement{title}\\
1181 \vfill
1182 \presentationinformationWWUM\\
1183 \vfill
1184 \presentedbyname\\
1185 \usenonemptytitleelement{author}\\
1186 \ifx\@place\@empty\else\fromplacename{ \@place\\fi
1187 --\,\the\year\,--
1188 </WWUM>
1189 <*Markus & 1>
1190 \raggedright
1191 {\subject@font{%
1192 \large\strut\ignorespaces\@subject\par\vskip 2\baselineskip}}%
1193 {\titlefont{\LARGE\strut\ignorespaces\@title\par}}%
1194 {\@subtitlefont{%
1195 \large\vskip.5\baselineskip\strut\ignorespaces\@subtitle\par}}%
1196 \vfill
1197 {\csname @datefont\endcsname{\large\strut\ignorespaces\@date\par}}%
1198 </Markus & 1>
1199 <*Spacer | Markus & 2>
1200 \raggedright
1201 <Markus & 2> \thispagestyle{maintitle}%
1202 \raisebox{0pt}[\ht\strutbox][\dimexpr\textheight-\ht\strutbox\relax]{%
1203 \rule[\dimexpr-.667\headsep-\textheight\relax
1204 {\title@rulewidth}
1205 {\dimexpr\textheight+2\headsep\relax}\kern\title@rulesep}%
1206 \parbox[t][\textheight][t]
1207 {\dimexpr \textwidth-\title@rulewidth-\title@rulesep\relax}{%
1208 \raggedright
1209 <*Spacer>
1210 \ifx\@titlehead\@empty\else
1211 \raisebox{\dimexpr\ht\strutbox-\totalheight\relax}{%
1212 \parbox[t]{\linewidth}{\@titlehead}%
1213 }\par
1214 \vskip 2\baselineskip
1215 \fi
1216 </Spacer>
1217 {\leavevmode\subject@font{%
1218 \large\strut\ignorespaces\@subject\par\vskip 2\baselineskip}}%
1219 {\def\and{\}\csname @authorfont\endcsname{\large\@author}\par
1220 \vskip .5\baselineskip}%
1221 {\titlefont{\LARGE\strut\ignorespaces\@title\par}}%
1222 {\@subtitlefont{%
1223 \large\vskip.5\baselineskip\strut\ignorespaces\@subtitle\par}}%
1224 \vfill
1225 {\csname @publisherfont\endcsname{\large\@publisher\par}}%
1226 {\csname @datefont\endcsname{\large\strut\ignorespaces\@date\par}}%
1227 }%
1228 </Spacer | Markus & 2>
1229 <*KIT>
1230 \setlength{\unitlength}{1mm}%
1231 \begin{picture}(0,0)
1232 \put(15,-12){%
1233 \line(1,0){\dimexpr\paperwidth-37mm\relax\@gobble}%

```

```

1234 }%
1235 \put(\dimexpr\paperwidth-22mm@gobble,-19){\oval(14,14)[rt]}%
1236 \put(\dimexpr\paperwidth-15mm@gobble,-19){%
1237   \line(0,-1){\dimexpr\paperheight-37mm\relax@gobble}%
1238 }%
1239 \put(22,-\dimexpr\paperheight-18mm\relax@gobble){%
1240   \line(1,0){\dimexpr\paperwidth-37mm\relax@gobble}%
1241 }%
1242 \put(22,-\dimexpr\paperheight-25mm\relax@gobble){\oval(14,14)[lb]}%
1243 \put(15,-\dimexpr\paperheight-25mm\relax@gobble){%
1244   \line(0,1){\dimexpr\paperheight-37mm\relax@gobble}%
1245 }%
1246 \end{picture}\par
1247 \vskip\dimexpr -\baselineskip+25mm\relax
1248 \hspace*{27mm}%
1249 \begin{minipage}[t][\dimexpr\paperheight-68mm\relax][t]
1250   {\dimexpr\paperwidth-54mm\relax}
1251   \raggedright\@titlehead\par
1252   \centering
1253   \vskip 25mm
1254   {\@titlepagefont\@title\par}%
1255   \vskip 20mm
1256   {\Large\@subject\par\fromname\par}
1257   \vskip 1cm
1258   {\huge\usenonemptytitleelement{author}\par}
1259   \vskip 1cm
1260   {\Large\presentationinformationKIT\par}
1261   \vskip 2cm
1262   {\Large
1263     \let\@tempa\refereename
1264     \def\@tempb{1}%
1265     \def\and{%
1266       \\
1267       \xdef\@tempb{\the\numexpr\@tempb+1\relax}%
1268       \expandafter\ordinal\expandafter{\@tempb}~\@tempa: &
1269     }%
1270     \begin{tabular}{@{}lr@{}}
1271       \refereename: & \@referee \\
1272       \global\let\@tempa\advisername\xdef\@tempb{1}%
1273       \advisername: & \@advisor \\
1274     \end{tabular}\par
1275   }
1276   \vfill
1277   {\large \durationname: \@duration\par}
1278 \end{minipage}
1279 \vskip 35mm
1280 \hspace*{27mm}\makebox[\dimexpr\paperwidth-56mm\relax]{%
1281   \tiny\@university\hfill\large\textbf{\@homepage}%
1282 }%
1283 </KIT>
1284 <*JT-Aufsätze>
1285 \centering
1286 \ifx\@author\empty\else\@author\\
1287 \begin{picture}(\title@rulewidth@gobble,

```

```

1288         \dimexpr .3ex+1pt+\title@rulesep\relax\@gobble)
1289         \put(0,\dimexpr .15ex+.5pt+\title@rulesep\relax\@gobble){%
1290             \linethickness{.3ex}\line(1,0){\title@rulewidth\@gobble}%
1291         }%
1292         \put(0,0){%
1293             \linethickness{1pt}\line(1,0){\title@rulewidth\@gobble}%
1294         }%
1295     \end{picture}\[\baselineskip]
1296 \fi
1297 {\titlefont{\@title\par}}%
1298 \vfill
1299 \@publisher
1300 </JT-Aufsätze>
1301 <*JT-Geschichte>
1302     \centering
1303     \large{\@tpf@extra{\@author\unskip\strut}}\[\dp\strutbox]
1304     {\titlefont{\Huge\@title\par}}
1305     \vfill
1306     \begin{picture}(\title@rulewidth\@gobble,
1307         \dimexpr 4pt+1pt+\title@rulesep\relax\@gobble)
1308         \put(0,\dimexpr 2pt+.5pt+\title@rulesep\relax\@gobble){%
1309             \linethickness{1pt}\line(1,0){\title@rulewidth\@gobble}%
1310         }%
1311         \put(0,0){%
1312             \linethickness{4pt}\line(1,0){\title@rulewidth\@gobble}%
1313         }%
1314     \end{picture}\[\dp\strutbox]
1315     \@tpf@extra{\@publisher}%
1316     \ifx\@place\@empty\else
1317         \unskip\@tpf@extra{\strut}\[\dp\strutbox]\@tpf@extra{\@place}%
1318     \fi
1319 </JT-Geschichte>
1320 <*JT-Typography>
1321     \raggedright
1322     {\Large\MakeUppercase{\@author\unskip\strut}\[\baselineskip]}
1323     {\titlefont{\Huge\MakeUppercase{\@title\unskip\strut}}}
1324     {\@subtitlefont{\normalsize\MakeUppercase{\@subtitle\unskip\strut}}}
1325     \vfill
1326     {\normalsize\MakeUppercase{\@place}\ifx\@place\@empty\else\enskip\fi
1327         {\LARGE\MakeUppercase{\@date}}%
1328         \ifx\@publisher\@empty\else\unskip\strut\[\1.5\baselineskip]
1329         \MakeUppercase{\@publisher}%
1330     \fi}
1331 </JT-Typography>
1332 <*UKoLa>
1333     \begin{tabular}[t]{t}{@}{c@{}}
1334         \raisebox{\dimexpr\ht\strutbox-\height}{\@mainlogo}\[
1335         \@chair\[
1336     \end{tabular}\hfill
1337     \begin{tabular}[r]{r}{@}{c@{}}
1338         \raisebox{\dimexpr\ht\strutbox-\height}{\@secondlogo}\[
1339     \end{tabular}\par
1340     \vspace{5\baselineskip}
1341     \centering

```

```

1342 {\LARGE\bfseries\titlefont{\@title\par}}%
1343 \vspace{5\baselineskip}
1344 {\Large\subjectfont{\@subject\par}}%
1345 \vspace{\baselineskip}
1346 \presentationinformationUKoLa\par
1347 \vspace{5\baselineskip}
1348 \presentedbyname\[\baselineskip]
1349 {\Large\cename @authorfont\endcsname{\usenonemptytitleelement{author}\par}}%
1350 \vfill
1351 \raggedright
1352 \@hangfrom{\advisername: }\@advisor\par}%
1353 \newcommand*{\test@male@female}[1][m]{%
1354   \global\advance\@tempcnta by\@ne
1355   \Ifstr{##1}{f}{\def\fe@male{female}}{\def\fe@male{male}}%
1356   \@hangfrom{\cename ordinal\fe@male refereename\endcsname{\@tempcnta: }}%
1357   \def\and{\par\test@male@female}%
1358 }%
1359 \@tempcnta \z@
1360 \expandafter\test@male@female\@referee\par
1361 \vspace{3\baselineskip}
1362 \@place, \Ifstr{\indatename}{\}{\indatename\ }\@date\par
1363 </UKoLa>
1364 \end{%
1365 <DHBW | TU-DD | TU-HH | KIT> fullsizetitle>
1366 <*KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1367 titlepage>
1368 </KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM | UKoLa>
1369 }

```

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 1370 <*KOMAScript | Markus | Spacer>
  \@uppertitleback 1371 \providecommand*{\@uppertitleback}{\}
lowertitleback (opt.) 1372 \providecommand{\lowertitleback}[1]{\gdef\@uppertitleback{#1}}
  \lowertitleback 1373 \DefineFamilyKey[%
  \@lowertitleback 1374 <KOMAScript> KOMAScript%
1375 <Markus & 1> Markus-1%
1376 <Markus & 2> Markus-2%
1377 <Spacer> Spacer%
1378 <JT-Aufsätze> JT-Aufsätze%
1379 <JT-Geschichte> JT-Geschichte%
1380 <JT-Geschichte> JT-Typography%
1381 ]{title}{uppertitleback}{\uppertitleback{#1}\FamilyKeyStateProcessed}
1382 \providecommand*{\@lowertitleback}{\}
1383 \providecommand{\lowertitleback}[1]{\gdef\@lowertitleback{#1}}
1384 \DefineFamilyKey[%
1385 <KOMAScript> KOMAScript%
1386 <Markus & 1> Markus-1%
1387 <Markus & 2> Markus-2%
1388 <Spacer> Spacer%
1389 <JT-Aufsätze> JT-Aufsätze%
1390 <JT-Geschichte> JT-Geschichte%

```

```

1391 <JT-Geschichte> JT-Typography%
1392 ]{title}{lowertitleback}{\lowertitleback{#1}\FamilyKeyStateProcessed}
1393 </KOMAScript | Markus | Spacer>

```

\makemaintitleback Only some of the styles define this:

```

1394 <*KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
1395 \renewcommand*{\makemaintitleback}{%
1396   \begin{titlepage}
1397     \begin{minipage}[t]{\textwidth}
1398       \@titlepagefont{\@uppertitleback}%
1399     \end{minipage}\par
1400     \vfill
1401     \begin{minipage}[b]{\textwidth}
1402       \@titlepagefont{\@lowertitleback}%
1403     \end{minipage}
1404   \end{titlepage}
1405 }
1406 </KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
1407 <*TU-HH>
1408 \renewcommand*{\makemaintitleback}{%
1409   \begin{titlepage}
1410     \vspace*{\fill}
1411     \iffinal
1412     \@tempcnta\z@
1413     \def\and{%
1414       \par\advance\@tempcnta by\@ne
1415       \@hangfrom{%
1416         \expandafter\ordinal\expandafter{the\@tempcnta}\~\refereename:\enskip
1417       }%
1418     }\and\@referee
1419     \fi
1420     \vskip 1cm
1421     \iffinal
1422     \@hangfrom{\oralexaminationdatename:\enskip}{\@oralexaminationdate}%
1423     \fi
1424   \end{titlepage}
1425 }
1426 </TU-HH>
1427 <*WWUM>
1428 \renewcommand*{\makemaintitleback}{%
1429   \begin{titlepage}
1430     \vspace*{\fill}
1431     \noindent
1432     \@tempcnta\z@
1433     \def\arraystretch{2}%
1434     \newcommand*{\test@malefemale}[1][m]{%
1435       \global\advance\@tempcnta by\@ne
1436       \Ifstr{##1}{f}{\def\fe@male{female}}{\def\fe@male{male}}%
1437       \csname \fe@male ordinal\endcsname{\@tempcnta}\space
1438       \csname \fe@male refereename\endcsname: &
1439       \def\and{\test@malefemale}%
1440     }%
1441     \begin{tabular}{@{}ll@{}}
1442       \chairmanname: & \@professor \\\

```

```

1443 \expandafter\test@malefemale
1444 \@referee \
1445 \oralexaminationdatename: & \@oralexaminationdate
1446 \ifx\examinationdatename\empty\else
1447 \\\examinationdatename: &
1448 \fi
1449 \
1450 \end{tabular}
1451 \end{titlepage}
1452 }
1453 </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 1454 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
\@extratitle 1455 \providecommand*{\@extratitle}{}
1456 \providecommand{\extratitle}[1]{\gdef\@extratitle{#1}}
1457 \DefineFamilyKey[%
1458 <KOMAScript> KOMAScript%
1459 <Markus & 2> Markus-2%
1460 <Spacer> Spacer%
1461 <JT-Aufsätze> JT-Aufsätze%
1462 <JT-Geschichte> JT-Geschichte%
1463 <JT-Typography> JT-Typography%
1464 ]{title}{extratitle}{\extratitle{#1}\FamilyKeyStateProcessed}
1465 </KOMAScript | Markus & 2 | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>

```

`\makeprettitle` Only some styles have pre titles:

```

\makeprettitleback 1466 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
1467 \renewcommand*{\makeprettitle}{%
1468 \ifx\@extratitle\empty\else
1469 \begin{titlepage}
1470 \noindent\@extratitle
1471 \end{titlepage}
1472 \fi
1473 }%
1474 </KOMAScript | Markus & 2 | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
1475 <*Markus & 1>
1476 \renewcommand*{\makeprettitle}{%
1477 \ifx\@publisher\empty\else
1478 \begin{titlepage}
1479 \raggedleft
1480 {\@titlepagefont{%
1481 \large\strut\ignorespaces\@publisher\par}}%
1482 \end{titlepage}
1483 \fi
1484 }
1485 </Markus & 1>
1486 <*WWUM>
1487 \renewcommand*{\makeprettitle}{%
1488 \begin{fullsizetitle}
1489 \@titlepagefont

```

```

1490 \vspace*{.33\vsizex}%
1491
1492 \centering
1493 \usenonemptytitleelement{author}\\[1ex]
1494 \usenonemptytitleelement{title}\\[1ex]
1495 \the\year
1496 \end{fullsizetitle}
1497 }
1498 </WWUM>

1499 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1500 \renewcommand*{\makeprettitleback}{%
1501 \ifx\@extratitle\@empty\else\begin{titlepage}\null\end{titlepage}\fi
1502 }
1503 </KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1504 <*Markus & 1>
1505 \renewcommand*{\makeprettitleback}{%
1506 \ifx\@author\@empty\else
1507 \ifx\@publisher\@empty\begin{titlepage}\end{titlepage}\fi
1508 \begin{titlepage}
1509 \raggedleft
1510 {\@titlepagefont{%
1511 \large\null\vskip 2\baselineskip
1512 \LARGE\strut{\def\and{\hspace{1em}}\linebreak[3]}}%
1513 \csname @authorfont\endcsname{\large\ignorespaces\@author}\par}}}%
1514 \end{titlepage}
1515 \fi
1516 }
1517 </Markus & 1>
1518 <*WWUM>
1519 \renewcommand*{\makeprettitleback}{%
1520 \if@twoside\begin{titlepage}\null\end{titlepage}\fi
1521 }
1522 </WWUM>

```

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

```

\makeposttitleback 1523 <*KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1524 \renewcommand*{\makeposttitle}{%
1525 \ifx\@dedication\@empty\else
1526 \begin{titlepage}
1527 \null\vfill
1528 {\centering\csname @dedicationfont\endcsname{\@dedication \par}}}%
1529 \vskip \z@ \@plus 3fill
1530 \end{titlepage}
1531 \fi
1532 }
1533 \renewcommand*{\makeposttitleback}{%
1534 \ifx\@dedication\@empty\else\begin{titlepage}\null\end{titlepage}\fi
1535 }
1536 </KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>

```

4.4 The Examples and the Manual

```
1537 \documentclass[a4paper,pagesize]{scrbook}
```



```

1538 \usepackage[ngerman]{babel}
1539 \usepackage{iftex}
1540 \iftutex
1541 <*TU-HH | TU-DD>
1542 \usepackage{fontspec}
1543 \setmainfont{TeX Gyre Termes}
1544 \setsansfont{TeX Gyre Heros}
1545 </TU-HH | TU-DD>
1546 \else
1547 \usepackage[T1]{fontenc}
1548 \usepackage{lmodern}
1549 <TU-HH | TU-DD>\usepackage{mathpazo}
1550 <TU-HH | TU-DD>\usepackage[scaled]{helvet}
1551 \fi
1552 <JT-Geschichte>\usepackage{microtype}
1553 <DHBW | Spacer | KIT | UKoLa>\usepackage[demo]{graphicx}% remove option demo if you have the logo
1554 \usepackage{xcolor}
1555 <JT-Geschichte | JT-Typography>\colorlet{RED}{red}% because of \MakeUppercase{\textcolor{red}{...}}
1556 \usepackage{uni-titlepage}
1557 \begin{document}
1558 <*DHBW>
1559 \TitlePageStyle{DHBW}
1560 \makeatletter\providecommand*{\@titlepagefont}{\normalfont\sffamily}\makeatother
1561 \setkomafont{subject}{\sffamily\bfseries}
1562 \maketitle[%
1563 titlefont=\sffamily,
1564 mainlogo=\textcolor{red}{\includegraphics[width=57mm,height=27mm]{DHBW_d_MOS_195x95_rgb_300.jpg}},
1565 % You may add a company logo here!
1566 % NOTE: The original logo has a large white border!
1567 \includegraphics[width=57mm,height=27mm]{DHBW_d_MOS_195x95_rgb_300.jpg},
1568 },
1569 % You may additionally change titlehead. The original definition of
1570 % titlehead is:
1571 titlehead={\hspace*{\fill}\usetitleelement{mainlogo}},
1572 title=\textcolor{red}{Bachelorarbeitsthema},
1573 subject=\textcolor{red}{BACHELORARBEIT},
1574 academicgrade=\textcolor{red}{Bachelor of Engineering},
1575 discipline=\textcolor{red}{Studiengang},
1576 place={Baden-Württemberg \textcolor{red}{Stadt}},
1577 student=\textcolor{red}{Vorname Nachname},
1578 duration=\textcolor{red}{12 Wochen},
1579 matriculationnumber=\textcolor{red}{Matrikelnummer},
1580 course=\textcolor{red}{Kurskürzel},
1581 company=\textcolor{red}{Firmenname, Stadt},
1582 advisor=\textcolor{red}{Titel Vorname Nachname},
1583 referee=\textcolor{red}{Titel Vorname Nachname},
1584 date=\textcolor{red}{Abgabedatum}
1585 ]
1586 </DHBW>
1587 <TU-DD>
1588 \TitlePageStyle{TU-DD}
1589 \maketitle[%
1590 title=\textcolor{red}{Titel im Stil \texttt{TU-DD}},

```

```

1592 university=\textcolor{red}{%
1593     Technische\nobreakspace Universit\at\nobreakspace Dresden},%
1594 faculty=\textcolor{red}{Fakultät Wirtschaftswissenschaften},
1595 chair=\textcolor{red}{SAP-Stiftungslehrstuhl für\
1596     Entrepreneurship und Innovation},
1597 professor=\textcolor{red}{Prof.\,Dr.\,Michael Schefcyk},
1598 % subject=diploma, % one of: project, seminar, studentresearch,
1599 %             % diploma, degree, master, bachelor, or ...
1600 subject=\textcolor{red}{Seminararbeit\(\bzw. Diplomarbeit)},% ... direct value
1601 student=\textcolor{red}{Vorname und Name},
1602 discipline=\textcolor{red}{Studienrichtung},
1603 matriculationnumber=\textcolor{red}{Matrikel-Nr.},
1604 advisor=\textcolor{red}{(mit akadem. Grad, Vor- und Zuname)},
1605 date=\textcolor{red}{(Datum der Abgabe)}
1606 ]
1607
1608 \TitleOptions{pagenumber=1,blackborder}% same with 'Trauerrand'
1609 \maketitle% everything else, like above
1610 </TU-DD>
1611 <*KOMAScript>
1612 \TitlePageStyle[pagenumber=1]{KOMAScript}
1613 \maketitle[
1614     extratitle=\textcolor{red}{Das ist ein Schmutztitel im Stil \texttt{KOMAScript}},
1615     titlehead=\textcolor{red}{Den Kopfbereich kann man auf diese Weise füllen.},
1616     subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1617     title=\textcolor{red}{Titel im Stil \texttt{KOMAScript}},
1618     subtitle=\textcolor{red}{Untertitel},
1619     publisher=\textcolor{red}{Einen Verlag kann man ebenfalls angeben},
1620     uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels im Stil
1621         \texttt{KOMAScript}.},
1622     lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels im Stil
1623         \texttt{KOMAScript}.},
1624     dedication=\textcolor{red}{Eine Widmung im Stil \texttt{KOMAScript}}
1625 ]
1626 </KOMAScript>
1627 <*TU-HH>
1628 \TitlePageStyle[pagenumber=1]{TU-HH}
1629 \maketitle[%
1630     final,
1631     title=\textcolor{red}{Titel im Stil \texttt{TU-HH}},
1632     university=\textcolor{red}{Technischen Universität Hamburg-Harburg},
1633     subject=degree,
1634     author=\textcolor{red}{Vorname und Name},
1635     academicgrade=\textcolor{red}{Doktor der Naturwissenschaften (Dr.\,rer.\,nat\,,)},
1636     place=\textcolor{red}{(Geburtsort)},
1637     date=\textcolor{red}{(aktuelles Jahr)},
1638     referee=\textcolor{red}{Name des ersten Gutachters\protect\and Name des zweiten
1639         Gutachters},
1640     oralexaminationdate=\textcolor{red}{29. Februar 2009}
1641 ]
1642 </TU-HH>
1643 <*Markus|Spacer>
1644 % Maybe we should define one more option for this:
1645 \setkomafont{subject}{\normalfont\sffamily}% because of KOMA-Script class

```

```

1646 \setkomafont{title}{\normalfont\sffamily}% because of KOMA-Script class
1647 <*1>
1648 \TitlePageStyle[pagenummer=1]{Markus-1}
1649 \maketitle[%
1650   titlepagefont={\normalfont\sffamily},% to show is without KOMA-Script class
1651   title=\textcolor{red}{Titel im Stil \texttt{Markus-1}},
1652   subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1653   subtitle=\textcolor{red}{Untertitel},
1654   publisher=\textcolor{red}{Verlag},
1655   uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels
1656     im Stil \texttt{Markus-1}.},
1657   lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels
1658     im Stil \texttt{Markus-1}.},
1659   dedication=\textcolor{red}{Eine Widmung im Stil \texttt{Markus-1}},
1660   author=\textcolor{red}{Markus~Kohm\protect\and Sonst~Jemand}
1661 ]
1662 </1>
1663 <*2 | Spacer>
1664 <2>\TitlePageStyle[pagenummer=1]{Markus-2}
1665 <Spacer>\TitlePageStyle[pagenummer=1]{Spacer}
1666 \maketitle[%
1667   rulewidth=2pt,
1668   extratitle=\textcolor{red}{Das ist ein Schmutztitel im Stil \texttt{%
1669     Markus-2}},
1670 <Spacer>   Spacer}},
1671 <*Spacer>
1672   titlehead=\textcolor{red}{\includegraphics{Logo}},
1673 </Spacer>
1674   title=\textcolor{red}{Titel im Stil \texttt{%
1675     Markus-2}},
1676 <Spacer>   Spacer}},
1677   subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1678   subtitle=\textcolor{red}{Untertitel},
1679   publisher=\textcolor{red}{Verlag},
1680   uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels
1681     im Stil \texttt{%
1682     Markus-2}.},
1683 <Spacer>   Spacer}.},
1684   lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels
1685     im Stil \texttt{%
1686     Markus-2}.},
1687 <Spacer>   Spacer}.},
1688   dedication=\textcolor{red}{Eine Widmung im Stil \texttt{%
1689     Markus-2}},
1690 <Spacer>   Spacer}},
1691   author=\textcolor{red}{Markus~Kohm}
1692 ]
1693 </2 | Spacer>
1694 </Markus | Spacer>
1695 <*KIT>
1696 \TitlePageStyle{KIT}
1697 \maketitle[%
1698   mainlogo={\textcolor{red}{%
1699     \includegraphics[width=40mm,height=18.5mm]{KITLogo_RGB}}},%

```

```

1700 % You may additionally change titlehead. Original definition of titlehead
1701 % is:
1702 titlehead={\usetitleelement{mainlogo}\hspace*{\fill}},%
1703 title=\textcolor{red}{Titel der Arbeit\\im Stil \texttt{KIT}},%
1704 subject=\textcolor{red}{Klassifizierung der Arbeit},%
1705 author=\textcolor{red}{Markus~Kohm},%
1706 faculty=\textcolor{red}{Fakultät für Informatik},%
1707 chair=\textcolor{red}{%
1708     Institute for Program Structures\\and Data Organization (IPA)},%
1709 advisor={\textcolor{red}{Titel Vorname Nachname}\and
1710     \textcolor{red}{Titel Vorname Nachname}},%
1711 referee={\textcolor{red}{Titel Vorname Nachname}\and
1712     \textcolor{red}{Titel Vorname Nachname}},%
1713 duration=\textcolor{red}{XX. Monat 20XX -- XX. Monat 20XX},%
1714 university=\textcolor{red}{\KITlongname},%
1715 homepage=\textcolor{red}{\KITurl}%
1716 ]
1717 </KIT>
1718 <*JT-Aufsätze>
1719 \TitlePageStyle{JT-Aufsätze}
1720 \maketitle[%
1721 % There are only three official elements:
1722 author={\textcolor{red}{Markus Kohm}},%
1723 title={\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds
1724     ausgewählte Aufsätze über Fragen der Gestalt des Buches und der
1725     Typographie}},
1726 titlefont=\normalfont,% You may change the font of the main title
1727 publisher={\textcolor{red}{Der Verlag}}
1728 % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1729 % See Markus-2 for more information about those.
1730 ]
1731 </JT-Aufsätze>
1732 <*JT-Geschichte>
1733 \TitlePageStyle{JT-Geschichte}
1734 \maketitle[%
1735 % There are only four official elements:
1736 author={\textcolor{red}{Markus Kohm}},%
1737 title={\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds
1738     Geschichte der Schrift in Bildern}},
1739 titlefont=\itshape,% You may change the font of the main title
1740 publisher={\textcolor{red}{Der Verlag in seiner Langform}},
1741 place={\textcolor{red}{Der Ort}}
1742 % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1743 % See Markus-2 for more information about those.
1744 ]
1745 </JT-Geschichte>
1746 <*JT-Typography>
1747 \TitlePageStyle{JT-Typography}
1748 \maketitle[%
1749 % There are only four official elements:
1750 author={\textcolor{red}{Markus Kohm}},%
1751 title={\textcolor{red}{Titel der Arbeit}},
1752 subtitle={\textcolor{red}{angelehnt an the new Typography}},
1753 publisher={\textcolor{red}{Veröffentlicht für einen Verlag oder auch nicht}},

```

```

1754 place={\textcolor{red}{Der Ort}},
1755 date={\textcolor{red}{2012}}
1756 % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1757 % See Markus-2 for more information about those.
1758 ]
1759 </JT-Typography>
1760 <*WWUM>
1761 \TitlePageStyle{WWUM}
1762 \renewcaptionname{ngerman}{\examinationdatename}{Tag der Promotion}
1763 %\renewcaptionname{ngerman}{\examinationdatename}{ }
1764 %\renewcaptionname{ngerman}{\chairmanname}{Dekan}
1765 %\renewcaptionname{ngerman}{\chairmanname}{Dekanin}
1766 \maketitle[%
1767 title={\textcolor{red}{Titel der Arbeit}},
1768 subject={\textcolor{red}{Inaugural-Dissertation}},
1769 academicgrade={\textcolor{red}{Doktorgrades}},
1770 discipline={\textcolor{red}{Physik}},
1771 sience={\textcolor{red}{Naturwissenschaften}},
1772 chair={\textcolor{red}{Experimentelle Physik}},
1773 faculty={\textcolor{red}{Mathematisch-Naturwissenschaftlichen}},
1774 author={\textcolor{red}{Mein Name}},
1775 place={\textcolor{red}{Geburtsort}},
1776 referee={\textcolor{red}{Peter Mustermann}}\and
1777 [f]\textcolor{red}{Petra Musterfrau}},
1778 professor={\textcolor{red}{Klaus Naseschwarz}}
1779 ]
1780 </WWUM>
1781 <*UKoLa>
1782 \TitlePageStyle{UKoLa}
1783 \maketitle[%
1784 titlefont=\sffamily,
1785 mainlogo=\textcolor{red}{\{
1786 \includegraphics[height=10mm,width=63mm]{
1787 uni-koblenz-landau}%
1788 }},
1789 chair=\textcolor{red}{Nummer des Instituts:
1790 Name des Instituts},
1791 secondlogo=\textcolor{red}{Optionales weiteres Logo},
1792 title=\textcolor{red}{Titel der Studien-, Bachelor-, Master- oder Diplomarbeit},
1793 subject=\textcolor{red}{Diplomarbeit},
1794 academicgrade=\textcolor{red}{Diplom-Informatikers},
1795 discipline=\textcolor{red}{Name des Studiengangs},
1796 place={\textcolor{red}{Koblenz}},
1797 author=\textcolor{red}{Vorname und Nachname des Absolventen / der
1798 Absolventin},
1799 advisor=\textcolor{red}{Title{
1800 Vorname{
1801 Name,
1802 Institut, Fachbereich innerhalb der Universität /
1803 Institution außerhalb der Universität},
1804 referee={\textcolor{red}{Title{
1805 Vorname{
1806 Name,
1807 Institut, Fachbereich innerhalb der Universität /

```

```

1808     Institution außerhalb der Universität}%
1809 \and[f]\textcolor{red}{Title{}
1810     Vorname{}
1811     Name,
1812     Institut, Fachbereich innerhalb der Universität /
1813     Institution außerhalb der Universität}%
1814 },%
1815     date=\textcolor{red}{Abgabemonat},
1816 ]
1817
1818 </UKoLa>
1819 \end{document}

1820 <!*README>
1821 \documentclass{ltxdoc}
1822 \IfPackageAtLeastTF{doc}{2022/01/01}{-}{%
1823     \errhelp{To avoid this error message, use doc.sty v3 instead of v2}%
1824     \errmessage{Package 'doc' is too old!}%
1825 }
1826 \usepackage[english]{babel}
1827 \usepackage{xltabular}
1828 \usepackage{ragged2e}
1829 \usepackage{booktabs}
1830 \usepackage{graphicx}
1831 \usepackage{hvlogos}
1832 \newcommand*{\NewIn[1]}{\leavevmode\marginpar{\footnotesize\hfill added in #1}}
1833 \newcommand*{\ChangedIn[1]}{\leavevmode\marginpar{\footnotesize\hfill changed in
1834     #1}}
1835 \NewDocElement[macrolike = true,
1836                 toplevel = false,
1837                 idxtype = ,
1838                 idxgroup = User commands,
1839                 printtype =
1840                 ]{InterfaceMacro}{imacro}
1841 \NewDocElement[macrolike = false,
1842                 toplevel = false,
1843                 idxtype = opt.,
1844                 idxgroup = Title options,
1845                 printtype = \textit{opt.}
1846                 ]{Option}{option}
1847 \NewDocumentCommand{\pkg}{sO{https://www.ctan.org/pkg/#3}m}{%
1848     \IfBooleanTF{#1}{\@gobble}{%
1849         \csname tl_if_blank:nTF\endcsname{#2}{\@gobble}{\href{%
1850             }%
1851             {#2}{\textsf{#3}}}%
1852 }
1853 \newcommand*{\File}{\texttt}
1854 \CodelineIndex
1855 \RecordChanges
1856 \EnableCrossrefs
1857 \GetFileInfo{uni-titlepage.drv}
1858 \begin{document}
1859 \title{More Titlepage Styles with Package \pkg{uni-titlepage}}
1860 \author{\href{mailto:komascript@gmx.info}{Markus Kohm}}
1861 \date{\fileversion{} \filedate}

```

```

1862 \maketitle
1863 \begin{abstract}
1864 \<!/README>
1865 \<*README>
1866 -----
1867
1868 This work may be distributed and/or modified under the conditions of
1869 the LaTeX Project Public License, version 1.3c of the license.
1870 The latest version of this license is in
1871     http://www.latex-project.org/lppl.txt
1872 and version 1.3c or later is part of all distributions of LaTeX
1873 version 2005/12/01 or later.
1874
1875 This work has the LPPL maintenance status "maintained".
1876
1877 The Current Maintainer and author of this work is Markus Kohm.
1878
1879 -----
1880
1881 # ABSTRACT
1882
1883 \</README>
1884 Creation of title pages is something most authors should not have to do.
1885 But reality is not perfect, so a lot of authors have to do it. In 2009
1886 \<!README>KOMA started the title page project at \url{https://komascript.de/titlepage}
1887 \<README>KOMA started the title page project at <https://komascript.de/titlepage>
1888 to collect real title pages and implement them with a well defined interface.
1889 \<!README>In 2021 the project has been moved to \url{https://github.com/komascript/uni-title}
1890 \<README>In 2021 the project has been moved to <https://github.com/komascript/uni-titlepage>
1891 and renamed.
1892
1893 Now, changing from one title page style to another would be very
1894 simple. Nevertheless implementation of a new title page style may be still
1895 difficult. But maybe the guys of the title page project would help you. Just
1896 ask!
1897 \<*README>
1898
1899 # Unpacking and Installation for Developers and Distributors
1900
1901 To unpack and install all files, you can download the source from github
1902 and then run:
1903
1904     l3build install
1905
1906 Afterwards you can build the manual and the PDFs of the examples using:
1907
1908     l3build doc
1909
1910 As an alternative you can use the CTAN source distribution. This already
1911 contains the user manual and the PDFs of the example files. So you only have
1912 to run
1913
1914     tex uni-titlepage.dtx
1915

```

1916 to generate the package file ‘uni-titlepage.sty’, the title definition files
1917 ‘title-*.def’ and the example titlepages ‘titlepage-*.tex’.

1918

1919 Please note, the ‘title-*.def’ files are run-time files. Together with
1920 ‘uni-titlepage.sty’ they have to be placed in ‘tex/latex/uni-titlepage’ inside
1921 a TDS tree. All files ‘titlepage-*.tex’ and ‘titlepage-*.pdf’ as well as
1922 ‘uni-titlepage.pdf’ are part of the documentation and should be placed in
1923 ‘doc/latex/uni-titlepage/’ of the TDS tree.

1924

1925 # Unpacking and Installation for Users

1926

1927 Users can use the installation described at
1928 [Unpacking and Installation for Developers and Distributors]. However, if
1929 your TeX distributor already distributes a ready for installation package, you
1930 do not need and should not create files and copy them yourself. Just use the
1931 package manager of your TeX distribution to install the package.

1932

1933 # How to Contribute

1934

1935 If you have made a title definition that is not specific for a single project
1936 but could be of interest for other users, you can either

1937

1938 * make your own ‘uni-titlepage-FOO’ package with its own manual and [upload it
1939 to ctan](<https://www.ctan.org/upload>),
1940 * contribute in adding it to ‘uni-titlepage’.

1941

1942 The first option has the advantage, that you are free. There won’t be any code
1943 reviews by the ‘uni-titlepage’ developers. You don’t need to use the same
1944 coding style. There is not need to accept the license of ‘uni-titlepage’
1945 etc. But in this case you have to take care to keep it compatible with future
1946 releases of ‘uni-titlepage’ and it will not be presented in the
1947 ‘uni-titlepage’ manual.

1948

1949 The second option has the advantage, that after accepting your code, the
1950 ‘uni-titlepage’ developers will try to keep it working even if they change
1951 ‘uni-titlepage’. But there are several restrictions to your code, before it
1952 will be accepted. For example, you should always try to use general options,
1953 if possible. *Static text* (not handled by options) should be configurable via
1954 ‘\newcaptionname’, ‘\providecaptionname’ and ‘\renewcaptionname’ and should be
1955 available at least in English and German (but if we can, we help in
1956 translating them). The coding style and quality is also a criterion.

1957

1958 </README>
1959 <!*README>
1960 \end{abstract}
1961 \DocInput{uni-titlepage.dtx}
1962 \end{document}
1963 </!*README>

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

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