

More Titlepage Styles with Package `titlepage`*

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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. So 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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*This is file version v0.5e of file `titlepage.ltx`.

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[‡]**Note:** All version below 0.9 are ALPHA versions. Everything may change. Everything may break. Everything may happen.

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1 Loading the Package

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

```
\usepackage{titlepage}
```

This package declares several options for title page manipulation. We will declare 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 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 commands inside the option value!

<i>String Option</i>	<i>Styles</i>	<i>Common Meaning</i>
advisor	TU-DD	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) you may separate multiple authors by <code>\and</code>
chair	TU-DD, KIT, WWUM	the chair 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

...

<i>String Option</i>	<i>Styles</i>	<i>Common Meaning</i>
degree	DHBW, TU-HH, WUMM	the degree you've reached with the work
discipline	DHBW, TU-DD, WUMM	the discipline in which you've made your work or degree
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
mainlogo	DHBW, KIT	a logo at the main title (currently used for the DHBW or the KIT logo at the default of <code>titlehead</code>)
matriculationnumber	DHBW, TU-DD	if you were a student while you've made the work, this is your number
oralexaminationdate	TU-HH, WUMM	sometimes the date of the oral examination is not the main date but has to be shown too
place	DHBW, TU-HH, JT-Geschichte, JT-Typography, WUMM	the place, in general the city, where you've made the work or where the Duale Hochschule or the publisher resides
professor	TU-DD, WUMM	the name of the professor who advised you during your work
publisher	KOMAScript, Markus-1, Markus-2, Spacer, JT-Aufsätze, JT-Geschichte, JT-Typography	most written works have a publisher

...

<i>String Option</i>	<i>Styles</i>	<i>Common Meaning</i>
referee	DHBW, TU-HH	every academic work will be referred; with some styles (currently TU-HH, WWUM) multiple referees may be separated with <code>\and</code>
science	WWUM	kind of science, e. g., “Naturwissenschaften”
student	<i>see author</i>	same like author
subject	<i>every style</i>	the kind of work, there are special predefined subjects; if you use one of bachelor , degree , diploma , master , project , seminar , or studentresearch a language dependend replacement will be done; to avoid this, you may set the value in parenthesis
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

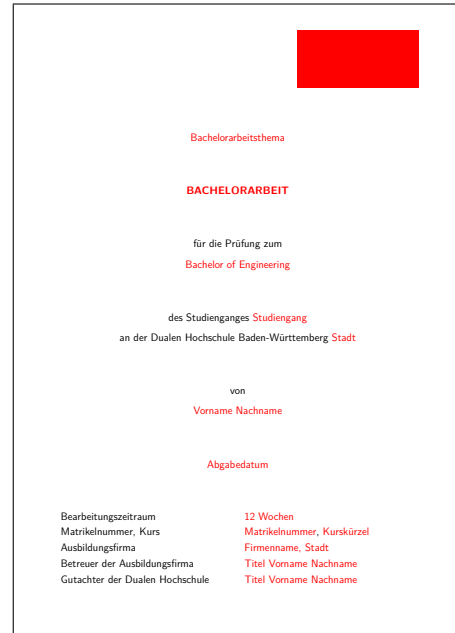
Let’s have a look at the already defined title page styles. You should find an example \LaTeX file for each of them at the documentation folder. If not, ask you distributor or administrator for those! But you may find the code of all examples in `docstrip` syntax even at [subsection 4.4](#) starting at [page 56](#). At the shown examples most variable contents was 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.ltx`) is:

1. main title page with `titlehead`, `mainlogo`, `title`, `subject`, `degree`, `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 automatically. 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.ltx`) 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 Schaustitel 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.ltx`) 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 <code>Markus-1</code>.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil <code>Markus-1</code>.</p>	<p>Eine Widmung im Stil <code>Markus-1</code>.</p>
	<ol style="list-style-type: none"> 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.ltx`) 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 `publisher`.

Das ist ein Schaustitel im Stil Markus-2

Eine Klassifizierung der Arbeit

Markus Kohn

Titel im Stil Markus-2

Untertitel

Verlag

<p>Oberer Bereich der Rückseite des Haupttitels im Stil <code>Markus-2</code>.</p> <p>Unterer Bereich der Rückseite des Haupttitels im Stil <code>Markus-2</code>.</p>	<p>Eine Widmung im Stil <code>Markus-2</code></p>
	<ol style="list-style-type: none"> 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 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.ltx`) 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 `plublisher`.

Das ist ein Schautitel im Stil Spacer



Eine Klassifizierung der Arbeit

Markus Köhm

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.ltx`) 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, a black border is put around the page:

The page (in example `titlepage-TU-DD.ltx` 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)

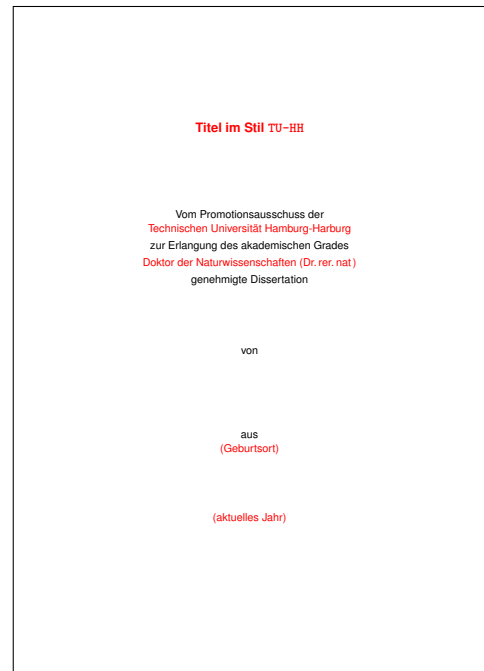
Dresden, den (Datum der Abgabe)

2.7 Style TU-HH

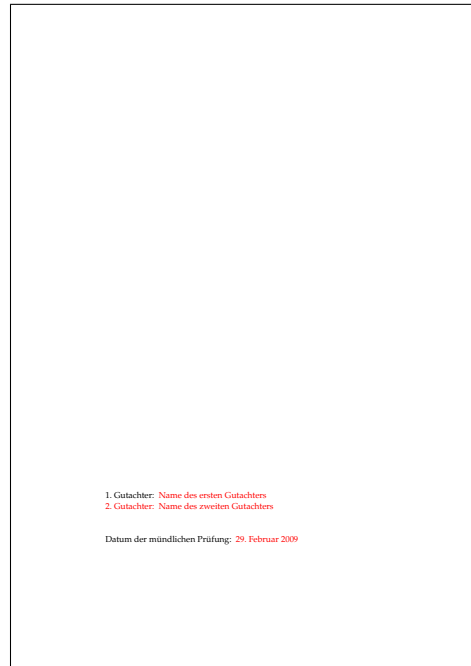
This style is used at the “Technische Universität Hamburg-Harburg”. I was asked for this several years ago. Only two title pages are defined!

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

1. main title page with `title`, `subtitle`, `university`, `degree`, `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.ltx`) 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. 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.

Titel der Arbeit
im Stil KIT

Klassifizierung der Arbeit
von

Markus Kohm

An der Fakultät für Informatik
Institute for Program Structures
and Data Organization (IPA)

Gutachter: Titel Vorname Nachname
2. Gutachter: Titel Vorname Nachname
Betreuer: Titel Vorname Nachname
2. Betreuer: Titel Vorname Nachname

Bearbeitungszeitraum: XX. Monat 20XX – XX. Monat 20XX

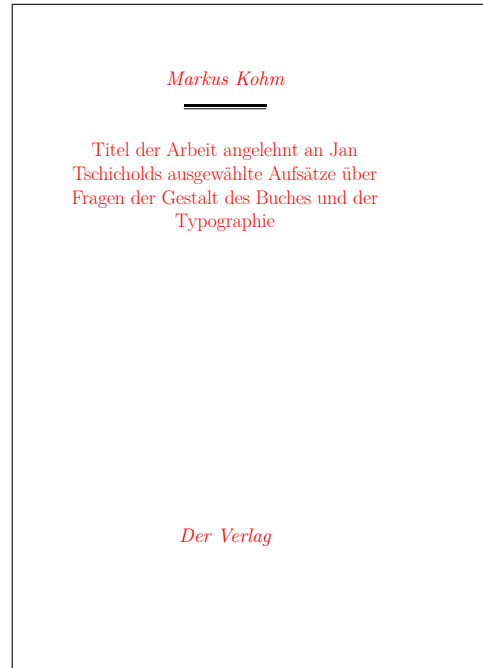
Universität des Landes Baden-Württemberg und nationales Forschungszentrum in der Helmholtz-Gemeinschaft **www.kit.edu**

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 and the main title of a book are not the same! Nevertheless, here I’ve made a main title from a front cover. Currently only one title page is defined, but you may also use `extratitle`, `uppertitleback`, and `lowertitleback`.

The page (in example `titlepage-JT-Aufsaetze.ltx`) 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).



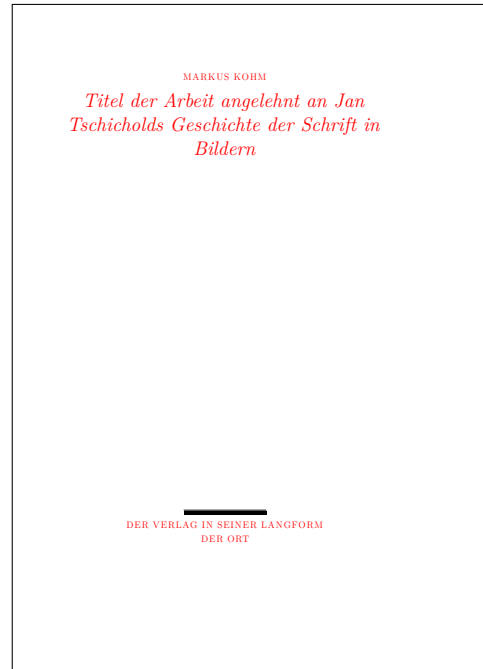
2.10 Style JT-Geschichte

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

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

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



2.12 Style WWUM

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

<div data-bbox="643 663 708 705"> <p>Mein Name Titel der Arbeit 2020</p> </div>	<p>The pages (in example <code>tilepage-WWUM.ltx</code>) are:</p> <ol style="list-style-type: none"> 1. cover page with <code>author</code>, <code>title</code>, <code>\the\year</code> 2. the backside of the cover page is empty if it exists 3. main title page with <code>chair</code>, <code>title</code>, <code>subject</code>, <code>degree</code>, <code>science</code>, <code>discipline</code>, <code>faculty</code> 4. main title back side with <code>professor</code>, <code>referee</code>, <code>oralexaminationdate</code> (normaly empty)
<div data-bbox="604 1180 697 1193"> <p>Experimentelle Physik</p> </div> <div data-bbox="617 1236 684 1249"> <p>Titel der Arbeit</p> </div> <div data-bbox="549 1400 756 1456"> <p>Inaugural-Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften im Fachbereich Physik der Mathematisch-Naturwissenschaftlichen Fakultät der Westfälischen Wilhelms-Universität Münster</p> </div> <div data-bbox="619 1608 683 1653"> <p>vorgelegt von Mein Name aus Geburtsort - 2020 -</p> </div>	<div data-bbox="1007 1552 1211 1653"> <p>Dekan/Dekanin: Klaus Naeschen Erster Gutachter: Peter Mustermann Zweite Gutachterin: Petra Musterfrau Datum der mündlichen Prüfung: Tag der Promotion:</p> </div>

3 Additional 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` 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` 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`, `degree`, `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`.

4 Implementation

Note: To generate all files, you should simply call

```
pdftex -shell-escape titlepage.dtx
```

If you are using MiKTeX you have to use

```
pdftex --enable-write18 titlepage.dtx
```

to fully enable shell escapes which are also known as `\write18` feature.

If it fails, you may try

```
tex titlepage.dtx
```

instead. After this call `pdflatex` for each of the generated files with suffix `.ltx`. `pdflatex` call of `titlepage.ltx` should be last one and you have to call this at least three times.

All `ltx` files should be installed together with all `pdf` files at documentation folder. The `sty` file together with all `def` files should be installed at latex package folder.

4.1 The Installation Driver ‘titlepage.ins’

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

```
1 \def\batchfile{titlepage.dtx}
2 \input docstrip.tex
3 \ifToplevel{%
4   \Msg{*****}
5   \Msg{*}
6   \Msg{* Steps of titlepage generation:}
7   \Msg{* =====}
8   \Msg{*}
9   \Msg{* - Generation of all needed files:}
10  \keepsilent
11  \askforoverwritefalse
12 }
13
14 \preamble
15 Copyright (c) 2011-2016 by Markus Kohm <komascript(at)gmx.info>
16
17 This file was generated from file(s) of titlepage distribution.
18 -----
19
20 This work may be distributed and/or modified under the conditions of
21 the LaTeX Project Public License, version 1.3c of the license.
22 The latest version of this license is in
23 http://www.latex-project.org/lppl.txt
```



```

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

```

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

```

\file{titlepage.ins}{\from{titlepage.dtx}{ins}}% not needed

```

```

39 \file{titlepage.sty}{\from{titlepage.dtx}{package}}%
40 \file{title-DHBW.def}{\from{titlepage.dtx}{driver,DHBW}}%
41 \file{title-KOMAScript.def}{\from{titlepage.dtx}{driver,KOMAScript}}%
42 \file{title-Markus-1.def}{\from{titlepage.dtx}{driver,Markus,1}}%
43 \file{title-Markus-2.def}{\from{titlepage.dtx}{driver,Markus,2}}%
44 \file{title-Spacer.def}{\from{titlepage.dtx}{driver,Spacer}}%
45 \file{title-TU-DD.def}{\from{titlepage.dtx}{driver,TU-DD}}%
46 \file{title-TU-HH.def}{\from{titlepage.dtx}{driver,TU-HH}}%
47 \file{title-KIT.def}{\from{titlepage.dtx}{driver,KIT}}%
48 \file{title-JT-Aufsaetze.def}{\from{titlepage.dtx}{driver,JT-Aufsaetze}}%
49 \file{title-JT-Geschichte.def}{\from{titlepage.dtx}{driver,JT-Geschichte}}%
50 \file{title-JT-Typography.def}{\from{titlepage.dtx}{driver,JT-Typography}}%
51 \file{title-WWUM.def}{\from{titlepage.dtx}{driver,WWUM}}%
52 \file{titlepage.ltx}{\from{titlepage.dtx}{doc>manual}}%
53 \file{titlepage-DHBW.ltx}{\from{titlepage.dtx}{doc,example,DHBW}}%
54 \file{titlepage-KOMAScript.ltx}{\from{titlepage.dtx}{doc,example,KOMAScript}}%
55 \file{titlepage-Markus-1.ltx}{\from{titlepage.dtx}{doc,example,Markus,1}}%
56 \file{titlepage-Markus-2.ltx}{\from{titlepage.dtx}{doc,example,Markus,2}}%
57 \file{titlepage-Spacer.ltx}{\from{titlepage.dtx}{doc,example,Spacer}}%
58 \file{titlepage-TU-DD.ltx}{\from{titlepage.dtx}{doc,example,TU-DD}}%
59 \file{titlepage-TU-HH.ltx}{\from{titlepage.dtx}{doc,example,TU-HH}}%
60 \file{titlepage-KIT.ltx}{\from{titlepage.dtx}{doc,example,KIT}}%
61 \file{titlepage-JT-Aufsaetze.ltx}{\from{titlepage.dtx}{doc,example,JT-Aufsaetze}}%
62 \file{titlepage-JT-Geschichte.ltx}{\from{titlepage.dtx}{doc,example,JT-Geschichte}}%
63 \file{titlepage-JT-Typography.ltx}{\from{titlepage.dtx}{doc,example,JT-Typography}}%
64 \file{titlepage-WWUM.ltx}{\from{titlepage.dtx}{doc,example,WWUM}}%
65 \nopreamble\nopostamble
66 \file{README.txt}{\from{titlepage.dtx}{README}}%
67 }%
68

```

After file generation, we use shell escapes (aka `\write18` feature) to create `titlepage.pdf`, the manual.

```

69 \ifToplevel{%
70   \Msg{* \space\space done.}
71   \Msg{* - Generation of manual and examples:}
72   \expandafter\ifx\csname pdfshellescape\endcsname\relax
73     \Msg{* WARNING: \string\pdfshellescape\space not available!}
74     \Msg{* WARNING: You should run this file with shell-escapes enabled.}
75     \Msg{* WARNING: Otherwise you have to call}
76     \Msg{* WARNING: \space\space pdflatex titlepage.ltx}
77     \Msg{* WARNING: to generate the manual and examples on your own!}
78     \batchmode \errmessage{\csname @@end\endcsname\csname end\endcsname
79   \else\ifnum \pdfshellescape=1 \else
80     \Msg{* WARNING: shell-escapes not activated!}
81     \Msg{* WARNING: You should run this file with shell-escapes enabled.}
82     \Msg{* WARNING: Otherwise you have to call}
83     \Msg{* WARNING: \space\space pdflatex titlepage.ltx}
84     \Msg{* WARNING: to generate the manual and examples on your own!}
85     \batchmode \errmessage{\csname @@end\endcsname\csname end\endcsname
86   \fi\fi
87 }
88
89 \immediate\write18{cp README.txt README || copy README.txt README}
90 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-DHBW.ltx}
91 \immediate\write18{convert -flatten -density 72x72 titlepage-DHBW.pdf[0] titlepage-DHBW.png}
92 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-KOMAScript.ltx}
93 \immediate\write18{convert -flatten -density 72x72 titlepage-KOMAScript.pdf[2] titlepage-KOMAScript.png}
94 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-Markus-1.ltx}
95 \immediate\write18{convert -flatten -density 72x72 titlepage-Markus-1.pdf[2] titlepage-Markus-1.png}
96 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-Markus-2.ltx}
97 \immediate\write18{convert -flatten -density 72x72 titlepage-Markus-2.pdf[2] titlepage-Markus-2.png}
98 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-Spacer.ltx}
99 \immediate\write18{convert -flatten -density 72x72 titlepage-Spacer.pdf[2] titlepage-Spacer.png}
100 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-TU-DD.ltx}
101 \immediate\write18{convert -flatten -density 72x72 titlepage-TU-DD.pdf[0] titlepage-TU-DD.png}
102 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-TU-HH.ltx}
103 \immediate\write18{convert -flatten -density 72x72 titlepage-TU-HH.pdf[0] titlepage-TU-HH.png}
104 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-KIT.ltx}
105 \immediate\write18{convert -flatten -density 72x72 titlepage-KIT.pdf[0] titlepage-KIT.png}
106 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-JT-Aufsaetze.ltx}
107 \immediate\write18{convert -flatten -density 72x72 titlepage-JT-Aufsaetze.pdf[0] titlepage-JT-Aufsaetze.png}
108 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-JT-Geschichte.ltx}
109 \immediate\write18{convert -flatten -density 72x72 titlepage-JT-Geschichte.pdf[0] titlepage-JT-Geschichte.png}
110 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-JT-Typography.ltx}
111 \immediate\write18{convert -flatten -density 72x72 titlepage-JT-Typography.pdf[0] titlepage-JT-Typography.png}
112 \immediate\write18{pdflatex -interaction=nonstopmode titlepage-WWUM.ltx}
113 \immediate\write18{convert -flatten -density 72x72 titlepage-WWUM.pdf[2] titlepage-WWUM.png}
114 \immediate\write18{pdflatex -interaction=nonstopmode titlepage.ltx}
115 \immediate\write18{mkindex titlepage}

```

```

116 \immediate\write18{pdflatex -interaction=nonstopmode titlepage.ltx}
117 \immediate\write18{mkindex titlepage}
118 \immediate\write18{pdflatex -interaction=nonstopmode titlepage.ltx}
119
120 \ifToplevel{%
121   \Msg{* \space\space done.}
122   \Msg{*}
123   \Msg{* You may install all the files now.}
124   \Msg{*}
125   \Msg{*****}
126 }

```

At docstrip run we like to finish the file know:

```

127 \csname endinginput\endcsname

```

4.2 The Package ‘scrbase.sty’

`\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.

```

128 \RequirePackage{scrbase}[2014/12/03]
129 \DefineFamily{title}
130 \DefineFamilyMember{title}
131 \newcommand*{\TitleOptions}{\FamilyOptions{title}}
132 \newcommand*{\TitleOption}{\FamilyOption{title}}

```

`pagenumber`

```

133 \newcounter{titlepage}\setcounter{titlepage}{\@ne}
134 \DefineFamilyKey{title}{pagenumber}{%
135   \setcounter{titlepage}{\the#1}\FamilyKeyStateProcessed
136 }

```

`\titlepagestyle`

```

pagestyle 137 \providecommand*{\titlepagestyle}{}
138 \renewcommand*{\titlepagestyle}{empty}
139 \DefineFamilyKey{title}{pagestyle}{%
140   \renewcommand*{\titlepagestyle}{\the#1}\FamilyKeyStateProcessed
141 }

```

`\if@restonecol`

```

142 \ifcsname @restonecolfalse\endcsname
143   \expandafter\@gobble
144 \else
145   \expandafter\@firstofone
146 \fi
147 {\newif\if@restonecol}

```

`titlepage`

```

148 \scr@ifundefinedorrelax{titlepage}{\def\titlepage{}}{}
149 \scr@ifundefinedorrelax{endtitlepage}{\def\endtitlepage{}}{}
150 \providecommand*\maketitle[1] [] {}

\inittitle Set of commands, that define a title style:
\makeprettitle 151 \newcommand*\tp@undefinedtitle[1]{%
\makeprettitleback 152 \PackageInfo{titlepage}{leaving not defined #1-title page empty}%
\makemainttitle 153 }
\makemainttitleback 154 \newcommand*\inittitle{}
\makeposttitle 155 \newcommand*\makeprettitle{\tp@undefinedtitle{pre}}
\makeposttitleback 156 \newcommand*\makeprettitleback{\tp@undefinedtitle{back of pre}}
\exittitle 157 \newcommand*\makemainttitle{\tp@undefinedtitle{main}}
\tp@undefinedtitle 158 \newcommand*\makemainttitleback{\tp@undefinedtitle{back of main}}
159 \newcommand*\makeposttitle{\tp@undefinedtitle{post}}
160 \newcommand*\makeposttitleback{\tp@undefinedtitle{back of post}}
161 \newcommand*\exittitle{}

\inittitlestyle Will be called before loading a title style:
162 \newcommand*\inittitlestyle{%
163 \renewenvironment{titlepage}[1] []{%
164 \TitleOptions{##1}%
165 \clearpage
166 \if@twocolumn
167 \@restonecoltrue\onecolumn
168 \else
169 \@restonecolfalse
170 \fi
171 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
172 \if@twoside% im einseitigen Satz ist mir alles egal
173 \ifodd\value{page}% aktuelle Seite ist ungerade

Current page number is odd ...
174 \ifodd\value{titlepage}%
175 \else

... wanted page number is even: put in empty page.
176 \null\newpage
177 \fi
178 \else

Current page number is even ...
179 \ifodd\value{titlepage}%

... wanted page number is off: put in empty page.
180 \null\newpage % Leerseite
181 \fi
182 \fi
183 \fi
184 \setcounter{page}{\value{titlepage}}%
185 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
186 }{%

```

```

187 \if@restonecol\twocolumn \else \newpage\fi
188 \stepcounter{titlepage}%
189 }%
190
191 \renewcommand*{\maketitle}[1] []{%
192 \begin{group}
193 \TitleOptions{##1}%
194 \inittitle
195 \makeprettitle\if@twoside\makeprettitleback\fi
196 \makemainttitle\if@twoside\makemainttitleback\fi
197 \makeposttitle\if@twoside\makeposttitleback\fi
198 \exittitle
199 \endgroup
200 }%
201
202 \renewcommand*{\inittitle}{}%
203 \renewcommand*{\makeprettitle}{\tp@undefinedtitle{pre}}%
204 \renewcommand*{\makeprettitleback}{\tp@undefinedtitle{back of pre}}%
205 \renewcommand*{\makemainttitle}{\tp@undefinedtitle{main}}%
206 \renewcommand*{\makemainttitleback}{\tp@undefinedtitle{back of main}}%
207 \renewcommand*{\makeposttitle}{\tp@undefinedtitle{post}}%
208 \renewcommand*{\makeposttitleback}{\tp@undefinedtitle{back of post}}%
209 \renewcommand*{\exittitle}{}%
210 }
211 \inittitlestyle

```

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

```

212 \newsavebox\titlebox
213 \newenvironment{fullsizetitle}[1] []{%
214 \TitleOptions{#1}%
215 \begin{lrbox}{\titlebox}
216 \hsize\paperwidth
217 \scr@ifundefinedorrelax{ta@bcor}{%
218 \scr@ifundefinedorrelax{Gm@bindingoffset}}{}%
219 \advance\hsize-\Gm@bindingoffset}%
220 }{%
221 \advance\hsize-\ta@bcor
222 \scr@ifundefinedorrelax{Gm@bindingoffset}}{}%
223 \ifdim \Gm@bindingoffset=\ta@bcor\else
224 \PackageWarning{titlepage}{Ignorring geometry's binding
225 correction,\MessageBreak
226 using typearea's binding correction.\MessageBreak
227 If you're using geometry and typearea,\MessageBreak
228 you should set both options to the same value,\MessageBreak
229 e.g. \string\KOMAOPTIONS{BCOR=\the\ta@bcor}\MessageBreak
230 \space\space\space\space\space
231 \string\geometry{bindingoffset=\the\ta@bcor}\MessageBreak
232 to make titlepage use this value%

```

```

233         }%
234     \fi
235 }%
236 }%
237 \vsize\paperheight
238 \linewidth\hsize
239 \columnwidth\hsize
240 \textwidth\hsize
241 \textheight\vsize
242 \noindent\minipage{\hsize}
243 }{%
244     \endminipage
245 \end{lrbox}
246 \begin{titlepage}%
247     \vspace*{-1in}\vskip-\topmargin\vskip-\headheight\vskip-\headsep
248     \vskip-\topskip
249     \raggedright
250     \leavevmode
251     \hskip-1in
252     \ifodd\c@page
253         \hskip-\oddsidemargin
254         \scr@ifundefinedorrelax{ta@bcor}{%
255             \scr@ifundefinedorrelax{Gm@bindingoffset}{%
256                 \hskip\Gm@bindingoffset}%
257             }{\hskip\ta@bcor}%
258     \else
259         \hskip-\evensidemargin
260     \fi
261     \vbox to\z@{\hsize\z@
262         \vskip-\baselineskip
263         \makebox[0pt][l]{\usebox\titlebox}%
264     \vss
265 }%
266 \end{titlepage}
267 }

```

```

\DefineSimpleTitleKey
\DefineReplaceTitleKey
    \tp@replacewarning
        \tp@dokeys

```

Define title page “variables”:

```

268 \newcommand*{\tp@replacewarning}[2]{%
269     \PackageWarning{titlepage}{%
270         Using ‘#2’ instead of ‘#1’,\MessageBreak
271         because ‘#1’ not defined%
272     }%
273 }
274 \newcommand*{\tp@dokeys}{}
275 \newcommand*{\DefineSimpleTitleKey}[2][.\@currname.\@currentx]{%
276     \l@addto@macro\tp@dokeys{\do{#2}}%
277     \expandafter\newcommand\expandafter*\csname @#2\endcsname{%
278     \expandafter\newcommand\expandafter*\csname #2\endcsname[1]{%
279         \expandafter\gdef\csname @#2\endcsname{##1}}%

```

```

280 \DefineFamilyKey[{#1}]{title}{#2}{%
281 \csname #2\endcsname{##1}%
282 \FamilyKeyStateProcessed
283 }%
284 }
285 \newcommand*\DefineReplaceTitleKey}[3][.\@currname.\@currentx]{%
286 \DefineFamilyKey[{#1}]{title}{#2}{%
287 \tp@replacewarning{#2}{#3}%
288 \FamilyOptions{title}{#3=##1}%
289 }%
290 }

\titlehead
\@titlehead 291 \providecommand*\@titlehead{}{}
titlehead 292 \providecommand{\titlehead}[1]{\gdef\@titlehead{#1}}
293 \DefineFamilyKey{title}{titlehead}{\titlehead{#1}\FamilyKeyStateProcessed}

\homepage
\@homepage 294 \providecommand*\@homepage{}{}
homepage 295 \providecommand{\homepage}[1]{\gdef\@homepage{#1}}
296 \DefineFamilyKey{title}{homepage}{\homepage{#1}\FamilyKeyStateProcessed}

\title
\@title 297 \let\@title\relax\let\title\relax\DefineSimpleTitleKey{title}
title
\author
\@author 298 \let\@author\relax\let\author\relax\DefineSimpleTitleKey{author}
author
\date
\@date 299 \let\@date\relax\let\date\relax\DefineSimpleTitleKey{date}
date

\duration
\@duration 300 \DefineSimpleTitleKey{duration}
duration
\course
\@course 301 \DefineSimpleTitleKey{course}
course
\company
\@company 302 \DefineSimpleTitleKey{company}
company
\subtitle
\@subtitle 303 \let\@subtitle\relax\let\subtitle\relax\DefineSimpleTitleKey{subtitle}
subtitle
\university
\@university 304 \DefineSimpleTitleKey{university}
university
\faculty
\@faculty 305 \DefineSimpleTitleKey{faculty}
faculty

```

```

\chair
\@chair 306 \DefineSimpleTitleKey{chair}
chair
\professor
\@professor 307 \DefineSimpleTitleKey{professor}
professor
\subject
\@subject 308 \providecommand*{\@subject}{%
subject 309 \providecommand*{\subject}[1]{\gdef\@subject{#1}}
310 \l@addto@macro\tp@dokeys{\do{subject}}}%
311 \DefineFamilyKey{title}{subject}{%
312 \Ifstr{#1}{project}{\subject{\projectpapername}}{%
313 \Ifstr{#1}{seminar}{\subject{\seminarpapername}}{%
314 \Ifstr{#1}{studentresearch}{\subject{\studentresearchname}}{%
315 \Ifstr{#1}{diploma}{\subject{\diplomathesisname}}{%
316 \Ifstr{#1}{degree}{\subject{\degreethesisname}}{%
317 \Ifstr{#1}{master}{\subject{\masterthesisname}}{%
318 \Ifstr{#1}{bachelor}{\subject{\bachelorthesisname}}{%
319 \subject{#1}}%
320 }%
321 }%
322 }%
323 }%
324 }%
325 }%
326 }%
327 \FamilyKeyStateProcessed
328 }

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

student
330 \DefineReplaceTitleKey{student}{author}

\science
\@science 331 \DefineSimpleTitleKey{science}
science
\discipline
\@discipline 332 \DefineSimpleTitleKey{discipline}
discipline
\degree
\@degree 333 \DefineSimpleTitleKey{degree}
degree
\matriculationnumber
\@matriculationnumber 334 \DefineSimpleTitleKey{matriculationnumber}
matriculationnumber

```



```

\advisor
\@advisor 335 \DefineSimpleTitleKey{advisor}
  advisor
\referee
\@referee 336 \DefineSimpleTitleKey{referee}
  referee
\place
\@place 337 \DefineSimpleTitleKey{place}
  place
\publisher
\@publisher 338 \DefineSimpleTitleKey{publisher}
  publisher 339 \renewcommand*{\@publisher}{\csname @publishers\endcsname}

\mainlogo
\@mainlogo 340 \DefineSimpleTitleKey{mainlogo}
  mainlogo
\oralexaminationdate
\@oralexaminationdate 341 \DefineSimpleTitleKey{oralexaminationdate}
  oralexaminationdate
\dedication
\@dedication 342 \providecommand*{\@dedication}{}
  dedication 343 \providecommand{\dedication}[1]{\gdef\@dedication{#1}}
  344 \DefineFamilyKey{title}{dedication}{\dedication{#1}\FamilyKeyStateProcessed}

\usetitleelement Users cannot simply use, e.g., \@title, \@mainlogo etc. So we need a
\@usetitleelement@error command to get them:
  345 \newcommand*{\@usetitleelement}[1]{%
  346   \scr@ifundefinedorrelax{#1}{%
  347     \@usetitleelement@error{#1}%
  348   }{%
  349     \scr@ifundefinedorrelax{@#1}{%
  350       \@usetitleelement@error{#1}%
  351     }{%
  352       \@nameuse{@#1}%
  353     }%
  354   }%
  355 }
  356 \newcommand*{\@usetitleelement@error}[1]{%
  357   \PackageError{titlepage}{‘#1’ isn’t a title element}{%
  358     You should use \string\usetitleelement\space for title elements
  359     only!\MessageBreak
  360     If you’ll continue, command will be ignored.}%
  361 }

```

Some variables use their own configurable font:

```

titlepagefont
\@titlepagefont 362 \scr@ifundefinedorrelax{newkomafont}{%
363   \newcommand*{\@titlepagefont}{}%
364 }{%
365   \newkomafont{titlepage}{}%
366 }
367 \DefineFamilyKey{title}{titlepagefont}{%
368   \renewcommand*{\@titlepagefont}{#1}%
369   \FamilyKeyStateProcessed
370 }

subjectfont
\subject@font 371 \providecommand*{\subject@font}{\bfseries}
372 \DefineFamilyKey{title}{subjectfont}{%
373   \renewcommand*{\subject@font}{#1}%
374   \FamilyKeyStateProcessed
375 }

titlefont
\title@font 376 \providecommand*{\titlefont}{\bfseries}
377 \DefineFamilyKey{title}{titlefont}{%
378   \renewcommand*{\titlefont}{#1}%
379   \FamilyKeyStateProcessed
380 }

subtitlefont
\@subtitlefont 381 \providecommand*{\@subtitlefont}{\bfseries}
382 \DefineFamilyKey{title}{subtitlefont}{%
383   \renewcommand*{\@subtitlefont}{#1}%
384   \FamilyKeyStateProcessed
385 }

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

```

```

402     }%
403   }
404 }

```

\NowButAfterBeginDocument Nice shortcut:

```

405 \newcommand*{\NowButAfterBeginDocument}{%
406   \if@atdocument
407     \expandafter\@firstofone
408   \else
409     \expandafter\AtBeginDocument
410   \fi
411 }

412 \DeclareOption*{\expandafter\TitlePageStyle\expandafter{\CurrentOption}}
413 \FamilyProcessOptions*\relax

```

\chairmanname Language dependent terms:

```

\projectpapername 414 \providecommand*{\chairmanname}{Chairman}
\seminarpapername 415 \providecommand*{\projectpapername}{Project Paper}
\studentreserchname 416 \providecommand*{\seminarpapername}{Seminar Paper}
\diplomathesisname 417 \providecommand*{\studentresearchname}{Student Research Project}
\degreethesisname 418 \providecommand*{\diplomathesisname}{Diploma Thesis}
\masterthesisname 419 \providecommand*{\degreethesisname}{Degree Thesis}
\bachelorthesisname 420 \providecommand*{\masterthesisname}{Master Thesis}
\presentedbyname 421 \providecommand*{\bachelorthesisname}{Bachelor Thesis}
\advisorname 422 \providecommand*{\presentedbyname}{presented by}
\thename 423 \providecommand*{\advisorname}{Advisor}
\ofthename 424 \providecommand*{\thename}{}
\fromname 425 \providecommand*{\ofthename}{of the}
\fromplacename 426 \providecommand*{\fromname}{from}
\malerefereename 427 \providecommand*{\fromplacename}{from}
\femalerefereename 428 \providecommand*{\malerefereename}{Referee}
\refereename 429 \providecommand*{\femalerefereename}{\refereename}
\oralexaminationdatename 430 \providecommand*{\malerefereename}{\refereename}
\ordinal 431 \providecommand*{\oralexaminationdatename}{Date of Oral Examination}
\maleordinal 432 \providecommand*{\atthename}{at}
\femaleordinal 433 \providecommand*{\durationname}{Processing Time}
434 \providecommand*{\matriculationnumbername}{Matriculationnumber}
435 \providecommand*{\coursename}{Course}
436 \providecommand*{\companyname}{Training Company}
437 \providecommand*{\examinationname}{Examination}
438 \providecommand*{\examinationdatename}{Date of Examination}
439 \newcommand*{\ordinal}{\englishordinal}
440 \newcommand*{\femaleordinal}{\ordinal}
441 \newcommand*{\maleordinal}{\ordinal}
442 \providcaptionname{american,australian,british,canadian,%
443   english,newzealand,UKenglish,USenglish}{\chairmanname}{Chairmain}%
444 \providcaptionname{american,australian,british,canadian,%
445   english,newzealand,UKenglish,USenglish}{\projectpapername}{Project Paper}%

```

446 \providecaptionname{american,australian,british,canadian,%
447 english,newzealand,UKenglish,USenglish}{\seminarpapername}{Seminar Paper}%
448 \providecaptionname{american,australian,british,canadian,%
449 english,newzealand,UKenglish,USenglish}{\studentresearchname}{Student
450 Research Project}%
451 \providecaptionname{american,australian,british,canadian,%
452 english,newzealand,UKenglish,USenglish}{\diplomathesisname}{Diploma Thesis}%
453 \providecaptionname{american,australian,british,canadian,%
454 english,newzealand,UKenglish,USenglish}{\degreethesisname}{Degree Thesis}%
455 \providecaptionname{american,australian,british,canadian,%
456 english,newzealand,UKenglish,USenglish}{\masterthesisname}{Master Thesis}%
457 \providecaptionname{american,australian,british,canadian,%
458 english,newzealand,UKenglish,USenglish}{\bachelorthesisname}{Bachelor
459 Thesis}%
460 \providecaptionname{american,australian,british,canadian,%
461 english,newzealand,UKenglish,USenglish}{\ordinal}{\englishordinal}%
462 \providecaptionname{american,australian,british,canadian,%
463 english,newzealand,UKenglish,USenglish}{\presentedbyname}{presented by}%
464 \providecaptionname{american,australian,british,canadian,%
465 english,newzealand,UKenglish,USenglish}{\advisorname}{Advisor}%
466 \providecaptionname{american,australian,british,canadian,%
467 english,newzealand,UKenglish,USenglish}{\thename}{}%
468 \providecaptionname{american,australian,british,canadian,%
469 english,newzealand,UKenglish,USenglish}{\ofthename}{of the}%
470 \providecaptionname{american,australian,british,canadian,%
471 english,newzealand,UKenglish,USenglish}{\fromname}{from}%
472 \providecaptionname{american,australian,british,canadian,%
473 english,newzealand,UKenglish,USenglish}{\fromplacename}{from}%
474 \providecaptionname{american,australian,british,canadian,%
475 english,newzealand,UKenglish,USenglish}{\refereename}{Referee}%
476 \providecaptionname{american,australian,british,canadian,%
477 english,newzealand,UKenglish,USenglish}{\oralexaminationdatename}{Date of
478 Oral Examination}%
479 \providecaptionname{american,australian,british,canadian,%
480 english,newzealand,UKenglish,USenglish}{\durationname}{Processing Time}%
481 \providecaptionname{american,australian,british,canadian,%
482 english,newzealand,UKenglish,USenglish}{\matriculationnumbername}{Matriculation
483 \providecaptionname{american,australian,british,canadian,%
484 english,newzealand,UKenglish,USenglish}{\coursename}{Course}%
485 \providecaptionname{american,australian,british,canadian,%
486 english,newzealand,UKenglish,USenglish}{\companyname}{Training Company}%
487 \providecaptionname{american,australian,british,canadian,%
488 english,newzealand,UKenglish,USenglish}{\examinationname}{Examination}%
489 \providecaptionname{american,australian,british,canadian,%
490 english,newzealand,UKenglish,USenglish}{\examinationdatename}{Date of
491 Examination}%
492 \providecaptionname{german,ngerman,austrian,naustrian,%
493 swissgerman,nswissgerman}{\chairmanname}{Dekan/Dekanin}%
494 \providecaptionname{german,ngerman,austrian,naustrian,%

```

495 swissgerman, nswissgerman}{\projectpapername}{Projektarbeit}%
496 \providecaptionname{german, ngerman, austrian, naustrian, %
497 swissgerman, nswissgerman}{\seminarpapername}{Seminararbeit}%
498 \providecaptionname{german, ngerman, austrian, naustrian, %
499 swissgerman, nswissgerman}{\studentresearchname}{Studienarbeit}%
500 \providecaptionname{german, ngerman, austrian, naustrian, %
501 swissgerman, nswissgerman}{\diplomathesisname}{Diplomarbeit}%
502 \providecaptionname{german, ngerman, austrian, naustrian, %
503 swissgerman, nswissgerman}{\degreethesisname}{Dissertation}%
504 \providecaptionname{german, ngerman, austrian, naustrian, %
505 swissgerman, nswissgerman}{\masterthesisname}{Master-Arbeit}%
506 \providecaptionname{german, ngerman, austrian, naustrian, %
507 swissgerman, nswissgerman}{\bachelorthesisname}{Bachelor-Arbeit}%
508 \providecaptionname{german, ngerman, austrian, naustrian, %
509 swissgerman, nswissgerman}{\ordinal}{\germanordinal}%
510 \providecaptionname{german, ngerman, austrian, naustrian, %
511 swissgerman, nswissgerman}{\femaleordinal}{\germanfemaleordinal}%
512 \providecaptionname{german, ngerman, austrian, naustrian, %
513 swissgerman, nswissgerman}{\maleordinal}{\germanmaleordinal}%
514 \providecaptionname{german, ngerman, austrian, naustrian, %
515 swissgerman, nswissgerman}{\presentedbyname}{eingereicht von}%
516 \providecaptionname{german, ngerman, austrian, naustrian, %
517 swissgerman, nswissgerman}{\advisorname}{Betreuer}%
518 \providecaptionname{german, ngerman, austrian, naustrian, %
519 swissgerman, nswissgerman}{\thename}{den}%
520 \providecaptionname{german, ngerman, austrian, naustrian, %
521 swissgerman, nswissgerman}{\ofthename}{der}%
522 \providecaptionname{german, ngerman, austrian, naustrian, %
523 swissgerman, nswissgerman}{\fromname}{von}%
524 \providecaptionname{german, ngerman, austrian, naustrian, %
525 swissgerman, nswissgerman}{\fromplacename}{aus}%
526 \providecaptionname{german, ngerman, austrian, naustrian, %
527 swissgerman, nswissgerman}{\refereename}{Gutachter}%
528 \providecaptionname{german, ngerman, austrian, naustrian, %
529 swissgerman, nswissgerman}{\femalerefereename}{Gutachterin}%
530 \providecaptionname{german, ngerman, austrian, naustrian, %
531 swissgerman, nswissgerman}{\oralexaminationdatename}{Datum der m\undlichen
532 Pr\ufung}%
533 \providecaptionname{german, ngerman, austrian, naustrian, %
534 swissgerman, nswissgerman}{\durationname}{Bearbeitungszeitraum}%
535 \providecaptionname{german, ngerman, austrian, naustrian, %
536 swissgerman, nswissgerman}{\matriculationnumbername}{Matrikelnummer}%
537 \providecaptionname{german, ngerman, austrian, naustrian, %
538 swissgerman, nswissgerman}{\coursename}{Kurs}%
539 \providecaptionname{german, ngerman, austrian, naustrian, %
540 swissgerman, nswissgerman}{\companyname}{Ausbildungsfirma}%
541 \providecaptionname{german, ngerman, austrian, naustrian, %
542 swissgerman, nswissgerman}{\examinationname}{Pr\ufung}%
543 \providecaptionname{german, ngerman, austrian, naustrian, %

```

```

544   swissgerman,nswissgerman}{\examinationdatename}{Tag der Pr\"ufung}%

\englishordinal
545 \newcommand*{\englishordinal}[1]{%
546   \ifcsname engordnumber\endcsname
547     \engordnumber{#1}%
548   \else
549     \ifnum #1<\@ne
550       \PackageError{titlepage}{Ordinal of ‘#1’ not defined}{%
551         This package does only define english ordinals from 1}%
552     \else
553       \ifcase #1\or 1st\or 2nd\or 3rd\or 4th\or 5th\or 6th\or 7th\or 8th\or
554         9th\or 10th\else
555         \PackageError{titlepage}{Ordinal of ‘#1’ not defined}{%
556           This package does only define english ordinals from 1 to
557           10.\MessageBreak
558           You may load package ‘engord’ to improve support of english
559           ordinals}%
560       \fi
561     \fi
562   \fi
563 }

\germanordinal
\germanmaleordinal
\germanfemaleordinal
564 \newcommand*{\germanordinal}[1]{%
565   \ifnum #1<\@ne
566     \PackageError{titlepage}{Ordinal of ‘#1’ not defined}{%
567       This package does only define german ordinals from 1}%
568   \else
569     #1.%
570   \fi
571 }
572 \newcommand*{\germanmaleordinal}[1]{%
573   \ifcase #1
574     \PackageError{titlepage}{Male ordinal of ‘#1’ not defined}{%
575       This package does only define german male ordinals from 1}%
576   \or Erster\or Zweiter\or Dritter\or Vierter\or F\"unfter\or Sechster%
577   \or Siebter\or Achter\or Neunter\or Zehnter\else
578     \PackageError{titlepage}{Male ordinal of ‘#1’ not defined}{%
579       This package does only define german male ordinals up to 10}%
580   \fi
581 }
582 \newcommand*{\germanfemaleordinal}[1]{%
583   \ifcase #1
584     \PackageError{titlepage}{Female ordinal of ‘#1’ not defined}{%
585       This package does only define german female ordinals from 1}%
586   \or Erste\or Zweite\or Dritte\or Vierte\or F\"unfte\or Sechste%
587   \or Siebte\or Achte\or Neunte\or Zehnte\else
588     \PackageError{titlepage}{Female ordinal of ‘#1’ not defined}{%

```

```

589      This package does only define german female ordinals up to 10}%
590  \fi
591 }

```

4.3 The titlepage Drivers

```

592 \begingroup
593   \def\PackageNotLoadedError#1{%
594     \GenericError{%
595       (#1)\@spaces\@spaces\@spaces\@spaces
596     }{%
597       File ‘#1’ Error: package ‘titlepage’ hasn’t been loaded%
598     }{%
599       This definition file was made to be loaded by package
600       ‘titlepage’.\MessageBreak
601       You may not use it without package ‘titlepage’!\MessageBreak
602       See the documentation of package ‘titlepage’ for explanation.%
603     }%
604   }%
605   \ifx\curname titlepage.sty@vers\endcsname\relax
606     \PackageNotLoadedError{%
607 (DHBW)      title-DHBW.def%
608 (KOMAScript) title-KOMAScript.def%
609 (TU-DD)     title-TU-DD.def%
610 (TU-HH)     title-TU-HH.def%
611 (Markus & 1) title-Markus-1.def%
612 (Markus & 2) title-Markus-2.def%
613 (Spacer)    title-Spacer.def%
614 (KIT)       title-KIT.def%
615 (JT-Aufsaetze) title-JT-Aufsaetze.def%
616 (JT-Geschichte) title-JT-Geschichte.def%
617 (JT-Typography) title-JT-Typography.def%
618 (WWUM)      title-WWUM.def%
619   }%
620   \fi
621 \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.

```

622 \DefineFamilyMember[%
623 (DHBW) DHBW%
624 (KOMAScript) KOMAScript%
625 (TU-DD) TU-DD%
626 (TU-HH) TU-HH%
627 (Markus & 1) Markus-1%
628 (Markus & 2) Markus-2%
629 (Spacer) Spacer%
630 (KIT) KIT%
631 (JT-Aufsaetze) JT-Aufsaetze%

```

```

632 <JT-Geschichte> JT-Geschichte%
633 <JT-Typography> JT-Typography%
634 <WWUM> WWUM%
635 ]{title}

```

Nevertheless some style has their own switches:

blackborder *Trauerrand* at style TU-DD:

```

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

```

final Style TU-HH distinguishes between drafts and final thesis.

```

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

```

rulewidth Some styles have some variable rules at the title:

```

\ttitle@rulewidth 638 <*Spacer | JT-Aufsaetze | JT-Geschichte | Markus & 2>
rulesep           639 \providecommand*{\ttitle@rulewidth}{%
\ttitle@rulesep   640 <Spacer | Markus & 2> 0pt%
                  641 <JT-Aufsaetze | JT-Geschichte> .25\textwidth
                  642 }
                  643 \providecommand*{\ttitle@rulesep}{%
                  644 <Spacer | Markus & 2> \ifdim \ttitle@rulewidth>\z@ 10pt\else \z@\fi
                  645 <JT-Aufsaetze | JT-Geschichte> 1.5pt%
                  646 }
                  647 \DefineFamilyKey[%
                  648 <Markus & 2> Markus-2%
                  649 <JT-Aufsaetze> JT-Aufsaetze%
                  650 <JT-Geschichte> JT-Geschichte%
                  651 <Spacer> Spacer%
                  652 ]{title}{rulewidth}{%
                  653 \gdef\ttitle@rulewidth{\dimexpr #1\relax}%
                  654 \FamilyKeyStateProcessed
                  655 }
                  656 \DefineFamilyKey[%
                  657 <Markus & 2> Markus-2%
                  658 <JT-Aufsaetze> JT-Aufsaetze%
                  659 <JT-Geschichte> JT-Geschichte%
                  660 <Spacer> Spacer%
                  661 ]{title}{rulesep}{%
                  662 \gdef\ttitle@rulesep{\dimexpr #1\relax}%
                  663 \FamilyKeyStateProcessed
                  664 }
                  665 </Spacer | JT-Aufsaetze | JT-Geschichte | Markus & 2>

```

An some has their own terms:

```

\presentationinformationWWUM
\presentationinformationTUHH 666 <*DHBW>
\presentationinformationDHBW 667 \providecommand*{\presentationinformationDHBW}{%
\presentationinformationKIT 668 for the \examinationname{} of\[\.5\baselineskip]
                             669 \@degree\[\0pt plus 1fill]

```



```

670 of \@discipline\\[.5\baselineskip]
671 at the \@university{} \@place\\
672 }
673 \providecaptionname{american,australian,british,canadian,%
674 english,newzealand,UKenglish,USenglish}{\presentationinformationDHBW}{%
675 for the \examinationname\\[.5\baselineskip]
676 \@degree\\[0pt plus 1fill]
677 of degree course \@discipline\\[.5\baselineskip]
678 at the \@university\ifx\@place\@empty\else\space\@place\fi
679 }%
680 \providecaptionname{german,ngerman,austrian,naustrian,%
681 swissgerman,nswissgerman}{\presentationinformationDHBW}{%
682 f"ur die \examinationname{} zum\\[.5\baselineskip]
683 \@degree\\[0pt plus 1fill]
684 des Studienganges \@discipline\\[.5\baselineskip]
685 an der \@university{}\ifx\@place\@empty\else\space\@place\fi
686 }%
687 </DHBW>
688 <*TU-HH>
689 \providecommand*{\presentationinformationTUHH}{%
690 \iffinal Of the \else The \fi Graduation Committee of the\\
691 \@university\\[.5ex]
692 to the Acquisition of the Academic Degree\\[.5ex]
693 \@degree\\[.5ex]
694 \iffinal approved \else submitted \fi\@subject}
695 \providecaptionname{american,australian,british,canadian,%
696 english,newzealand,UKenglish,USenglish}{\presentationinformationTUHH}{%
697 \iffinal Of the \else The \fi Graduation Committee of the\\
698 \@university\\[.5ex]
699 to the Acquisition of the Academic Degree\\[.5ex]
700 \@degree\\[.5ex]
701 \iffinal approved \else submitted \fi\@subject}
702 \providecaptionname{german,ngerman,austrian,naustrian,%
703 swissgerman,nswissgerman}{\presentationinformationTUHH}{%
704 \iffinal Vom \else Dem \fi Promotionsausschuss der\\
705 \@university\\[.5ex]
706 zur Erlangung des akademischen Grades\\[.5ex]
707 \@degree\\[.5ex]
708 \iffinal genehmigte \else vorgelegte \fi\@subject}%
709 </TU-HH>
710 <*KIT>
711 \providecommand*{\presentationinformationKIT}{%
712 At the \@faculty\\
713 \strut\ignorespaces\@chair\\
714 }
715 \providecaptionname{american,australian,british,canadian,%
716 english,newzealand,UKenglish,USenglish}{\presentationinformationKIT}{%
717 At the \@faculty\\
718 \strut\ignorespaces\@chair\\

```

```

719 }%
720 \providecaptionname{german,ngerman,austrian,naustrian,%
721   swissgerman,nswissgerman}{\presentationinformationKIT}{%
722   An der \@faculty\\
723   \strut\ignorespaces\@chair\\
724 }%
725 </KIT>
726 <*WWUM>
727 \providecommand*{\presentationinformationWWUM}{%
728   \@subject\\
729   to the Aquisition of the Academic Degree\\
730   \@degree\\
731   of the \@science{ } of \@discipline\\
732   of the \@faculty{ } faculty\\
733   of the \@university
734 }
735 \providecaptionname{american,australian,british,canadian,%
736   english,newzealand,UKenglish,USenglish}{\presentationinformationWWUM}{%
737   \@subject\\
738   to the Aquisition of the Academic Degree\\
739   \@degree\\
740   of the \@science{ } of \@discipline\\
741   of the \@faculty{ } faculty\\
742   of the \@university
743 }
744 \providecaptionname{german,ngerman,austrian,naustrian,%
745   swissgerman,nswissgerman}{\presentationinformationWWUM}{%
746   \@subject\\
747   zur Erlangung des \@degree\\
748   der \@science{ } im Fachbereich \@discipline\\
749   der \@faculty{ } Fakult\"at\\
750   der \@university
751 }
752 </WWUM>

\KITlongname
\fromname 753 <*KIT>
\refereename 754 \providecaptionname{american,australian,british,canadian,%
\KITurl 755   english,newzealand,UKenglish,USenglish}{\KITlongname}{%
756   University of the State of Baden-W\"urttemberg and National Research Center
757   of the Helmholtz Association%
758 }%
759 \providecaptionname{german,ngerman,austrian,naustrian,%
760   swissgerman,nswissgerman}{\KITlongname}{%
761   Universit\"at des Landes Baden-W\"urttemberg und nationales
762   Forschungszentrum in der Helmholtz-Gemeinschaft
763 }%
764 \scr@ifundefinedorrelax{captionssamerican}{ }{%
765   \renewcaptionname{american}{\fromname}{of}%

```

```

766 \renewcaptionname{american}{\refereename}{Reviewer}%
767 }%
768 \scr@ifundefinedorrelax{captionsaustralian}{}{%
769 \renewcaptionname{australian}{\fromname}{of}%
770 \renewcaptionname{australian}{\refereename}{Reviewer}%
771 }%
772 \scr@ifundefinedorrelax{captionsbritish}{}{%
773 \renewcaptionname{british}{\fromname}{of}%
774 \renewcaptionname{british}{\refereename}{Reviewer}%
775 }%
776 \scr@ifundefinedorrelax{captionscanadian}{}{%
777 \renewcaptionname{canadian}{\fromname}{of}%
778 \renewcaptionname{canadian}{\refereename}{Reviewer}%
779 }%
780 \scr@ifundefinedorrelax{captionsenglish}{}{%
781 \renewcaptionname{english}{\fromname}{of}%
782 \renewcaptionname{english}{\refereename}{Reviewer}%
783 }%
784 \scr@ifundefinedorrelax{captionsnewzealand}{}{%
785 \renewcaptionname{newzealand}{\fromname}{of}%
786 \renewcaptionname{newzealand}{\refereename}{Reviewer}%
787 }%
788 \scr@ifundefinedorrelax{captionsUKenglish}{}{%
789 \renewcaptionname{UKenglish}{\fromname}{of}%
790 \renewcaptionname{UKenglish}{\refereename}{Reviewer}%
791 }%
792 \scr@ifundefinedorrelax{captionsUSenglish}{}{%
793 \renewcaptionname{USenglish}{\fromname}{of}%
794 \renewcaptionname{USenglish}{\refereename}{Reviewer}%
795 }%
796 \newcommand*{\KITurl}{www.kit.edu}
797 </KIT>

```

\presentedbyname

```

798 <*WWUM>
799 \NowButAfterBeginDocument
800 {%
801 \providecaptionname{german,ngerman,austrian,naustrian,
802 swissgerman,nswissgerman}{\presentedbyname}{vorgelegt von}%
803 \scr@ifundefinedorrelax{captionsgerman}{}{%
804 \renewcaptionname{german}{\presentedbyname}{vorgelegt von}%
805 }%
806 \scr@ifundefinedorrelax{captionsgerman}{}{%
807 \renewcaptionname{ngerman}{\presentedbyname}{vorgelegt von}%
808 }%
809 \scr@ifundefinedorrelax{captionsaustrian}{}{%
810 \renewcaptionname{austrian}{\presentedbyname}{vorgelegt von}%
811 }%
812 \scr@ifundefinedorrelax{captionснаustrian}{}{%

```

```

813 \renewcaptionname{naustrian}{\presentedbyname}{vorgelegt von}%
814 }%
815 \scr@ifundefinedorrelax{captionsswissgerman}{}{}%
816 \renewcaptionname{swissgerman}{\presentedbyname}{vorgelegt von}%
817 }%
818 \scr@ifundefinedorrelax{captionsswissgerman}{}{}%
819 \renewcaptionname{nswissgerman}{\presentedbyname}{vorgelegt von}%
820 }%
821 }
822 </WWUM>

```

While style initialization, something may change:

```

823 \renewcommand*{\inittitle}{%

```

style KOMAScript redefines some footnote macros:

```

824 <*KOMAScript>
825 \let\footnotesize\small
826 \let\footnoterule\relax
827 \let\footnote\thanks
828 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
829 \let\@oldmakefnmark\@makefnmark
830 \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
831 </KOMAScript>

```

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

```

832 <*DHBW | TU-DD | TU-HH | KIT | WWUM>
833 \ifx\@university\@empty
834 \university{%
835 (DHBW) \hspace{1cm} Dualen Hochschule%
836 (TU-DD) \hspace{1cm} Technische\nobreakspace Universit\at\nobreakspace Dresden%
837 (TU-HH) \hspace{1cm} Technische\nobreakspace Universit\at\nobreakspace
838 (TU-HH) \hspace{1cm} Hamburg-Harburg%
839 (KIT) \hspace{1cm} KIT -- \KITlongname
840 (WWUM) \hspace{1cm} Westf\alischen Wilhelms-Universit\at M\unster%
841 }%
842 \fi
843 \ifx\@place\@empty
844 \place{%
845 (DHBW) \hspace{1cm} Baden-W\urttemberg%
846 (TU-DD) \hspace{1cm} Dresden%
847 (TU-HH) \hspace{1cm} Hamburg%
848 (KIT) \hspace{1cm} Karlsruhe%
849 <*WWUM>
850 \PackageWarning{titlepage}{Birth place missing.\MessageBreak
851 Style 'WWUM' needs the birth place of\MessageBreak
852 the student}%
853 </WWUM>
854 }
855 \fi
856 <*DHBW>

```

```

857 \ifx\@mainlogo\@empty
858 \IfFileExists{DHBW_d_MOS_195x95_rgb_300.jpg}{%
859 \scr@ifundefinedorrelax{includegraphics}{%
860 \if@atdocument\else\RequirePackage{graphicx}\fi
861 }{}%
862 \scr@ifundefinedorrelax{includegraphics}{{}%
863 \mainlogo{%
864 \includegraphics[width=57mm,height=27mm]%
865 {DHBW_d_MOS_195x95_rgb_300.jpg}%
866 }%
867 }%
868 }{}%
869 \fi
870 \ifx\@titlehead\@empty
871 \titlehead{\hspace*\fill}\@mainlogo}%
872 \fi
873 \ifx\@titlepagefont\@empty
874 \renewcommand*{\@titlepagefont}{\normalfont\sffamily}%
875 \fi
876 </DHBW>
877 <*KIT>
878 \ifx\@homepage\@empty
879 \homepage{\KITurl}%
880 \fi
881 \ifx\@mainlogo\@empty
882 \IfFileExists{KITLogo_RGB.pdf}{%
883 \scr@ifundefinedorrelax{includegraphics}{%
884 \if@atdocument\else\RequirePackage{graphicx}\fi
885 }{}%
886 \scr@ifundefinedorrelax{includegraphics}{{}%
887 \mainlogo{%
888 \includegraphics[width=40mm,height=18.5mm]{KITLogo_RGB}%
889 }%
890 }%
891 }{}%
892 \fi
893 \ifx\@titlehead\@empty
894 \titlehead{\@mainlogo\hspace*\fill}}%
895 \fi
896 \ifx\@titlepagefont\@empty
897 \renewcommand*{\@titlepagefont}{\usefont{T1}{phv}{m}{n}}%
898 \fi
899 </KIT>
900 <*WWUM>
901 \ifx\@titlepagefont\@empty
902 \renewcommand*{\@titlepagefont}{\normalfont\large}%
903 \fi
904 </WWUM>
905 </DHBW | TU-DD | TU-HH | KIT | WWUM>

```

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

```
906 \*Markus & 2)
907   \def\ps@maintitle{%
908     \ps@empty
909     \def\@oddhead{%
910       \parbox[b][\headheight][b]{\hsize}{\@titlepagefont{%
911         \csname @titlehead\endcsname}}%
912     }%
913     \let\@evenhead\@oddhead
914   }%
915 \*Markus & 2)
```

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

```
916 \*JT-Aufsaetze | JT-Geschichte)
917   \ifx\@titlepagefont\@empty
918 \JT-Aufsaetze) \renewcommand*{\@titlepagefont}{\normalfont\Huge\itshape}%
919 \*JT-Geschichte)
920   \scr@ifundefinedorrelax{lsstyle}{%
921     \renewcommand*{\@titlepagefont}{\normalfont\let\@tpf@extra\scshape}%
922   }{%
923     \renewcommand*{\@titlepagefont}{%
924       \normalfont\def\@tpf@extra{\lsstyle\MakeUppercase}%
925     }%
926   }
927 \JT-Geschichte)
928 \fi
929 \ifx\titlefont\@empty
930   \renewcommand*{\titlefont}{\normalfont}%
931 \fi
932 \JT-Aufsaetze | JT-Geschichte)
933 \*JT-Typography)
934   \ifx\@titlepagefont\@empty
935     \renewcommand*{\@titlepagefont}{\normalfont\sffamily\bfseries}%
936   \fi
937 \JT-Typography)
938 }
```

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

```
939 \KOMAScript\providecommand*\publishers{\publisher}
```

\makemaintitle This differs from style to style:

```
940 \renewcommand*\makemaintitle{%
941   \begin{%
942 \DHBW | TU-DD | TU-HH | KIT) fullsizetitle}
943 \*KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography | WWUM)
944   titlepage}
945 \JT-Aufsaetze | JT-Geschichte | JT-Typography | WWUM)
946   \setlength{\parskip}{\z@}%
947   \setlength{\parindent}{\z@}%
```

```

948 \setlength{\parfillskip}{\z@\@plus 1fil}%
949 \linespread{1}\selectfont
950 \@titlepagefont
951 \langle *DHBW\rangle
952 \vspace*{12mm}%
953 \centering
954 \begin{minipage}[t][\dimexpr\vsiz-36mm\relax]{\dimexpr\hsiz-40mm\relax}%
955 \quad \@titlehead\par
956 \quad \centering
957 \quad \Large
958 \quad \vfill
959 \quad {\titlefont{\Large \@title}}\par
960 \quad \vfill
961 \quad {\subjectfont{\Large \@subject}\par}}%
962 \quad \vfill
963 \quad \presentationinformationDHBW\par
964 \quad \vfill
965 \quad \fromname\[\.5\baselineskip]
966 \quad \@author\par
967 \quad \vfill
968 \quad \@date\par
969 \quad \vfill
970 \quad \begin{tabular}{*2{p{.5\dimexpr\linewidth-3\tabcolsep\relax}}@{}}
971 \quad \quad \durationname & \quad \@duration \[\.5ex]
972 \quad \quad \matriculationnumbername, \coursename & \quad \@matriculationnumber,
973 \quad \quad & \quad \@course\[\.5ex]
974 \quad \quad \companyname & \quad \@company \[\.5ex]
975 \quad \quad \advisorname{} \ofthename{} \companyname & \quad \@advisor \[\.5ex]
976 \quad \quad \refereename{} \ofthename{} \university & \quad \@referee
977 \quad \end{tabular}
978 \quad \end{minipage}
979 \rangle /DHBW\rangle
980 \langle *KOMAScript\rangle
981 \quad \ifx\@titlehead\@empty \else
982 \quad \quad \begin{minipage}[t]{\textwidth}%
983 \quad \quad \quad \@titlehead
984 \quad \quad \end{minipage}\par
985 \quad \fi
986 \quad \null\vfill
987 \quad \begin{group}
988 \quad \quad \centering
989 \quad \quad \ifx\@subject\@empty \else
990 \quad \quad \quad {\subjectfont{\@subject \par}}}%
991 \quad \quad \vskip 3em
992 \quad \quad \fi
993 \quad \quad {\titlefont{\huge \@title}\par}}%
994 \quad \quad \vskip 1em
995 \quad \quad {\ifx\@subtitle\@empty\else\@subtitlefont{\@subtitle}\par\fi}%
996 \quad \quad \vskip 2em

```

```

997      {\Large \lineskip 0.75em
998        \begin{tabular}[t]{c}
999          \@author
1000        \end{tabular}\par
1001      }%
1002      \vskip 1.5em
1003      {\Large \@date \par}%
1004      \vskip \z@ \@plus3fill
1005      {\Large \@publisher \par}%
1006      \vskip 3em
1007    \endgroup
1008    \@thanks
1009    \vfill\null\vskip-\baselineskip
1010  \end{KOMAScript}
1011  \if*TU-DD
1012    \rule{0pt}{5mm}\par
1013    \ifblackborder
1014      \leavevmode\hskip 1cm
1015      \setlength{\fboxrule}{1pt}%
1016      \expandafter\fbox
1017    \else
1018      \expandafter\mbox
1019    \fi
1020    {%
1021      \begin{minipage}[t][\dimexpr\textheight-2.5cm\relax][t]{%
1022        \dimexpr\linewidth\ifblackborder-3cm\fi\relax}
1023        \sffamily
1024        \centering
1025        \vskip 3cm
1026        {\fontsize{28pt}{34pt}\selectfont
1027          \strut\ignorespaces\@university\unskip\strut\\}
1028        {\fontsize{24pt}{28pt}\selectfont
1029          \strut\ignorespaces\@faculty\unskip\strut\\}
1030        {\fontsize{20pt}{24pt}\selectfont
1031          \strut\ignorespaces\@chair\unskip\strut\\
1032          \strut\ignorespaces\@professor\unskip\strut\\
1033          \vfill
1034          {\bfseries\strut\ignorespaces\@title\unskip\strut\\}
1035          \strut\ignorespaces\@subject\unskip\strut\\
1036          \vfill
1037          \raggedright
1038          \hspace*{.25\linewidth}%
1039          \strut\ignorespaces\presentedbyname\unskip\strut\\
1040          \hspace*{.25\linewidth}\quad
1041          \begin{tabular}{@{}l@{}}
1042            \strut\ignorespaces\@author\unskip\strut\\
1043            \strut\ignorespaces\@discipline\unskip\strut\\
1044            \strut\ignorespaces\@matriculationnumber\unskip\strut\\
1045          \end{tabular}\\

```



```

1046         \vskip\baselineskip
1047         \hspace*{.25\linewidth}%
1048         \strut\ignorespaces\advisorname\unskip:\strut\
1049         \hspace*{.25\linewidth}\quad
1050         \begin{tabular}{@{}l@{}}
1051             \strut\ignorespaces\@advisor\unskip\strut\
1052         \end{tabular}
1053         \vskip2\baselineskip
1054         \hspace*{.25\linewidth}%
1055         \strut\ignorespaces\@place,\nobreakspace\thename\nobreakspace\@date
1056         \par}
1057     \vspace*{5mm}
1058 \end{minipage}
1059 }%
1060 </TU-DD>
1061 <*TU-HH>
1062     \sffamily
1063     \centering
1064     \vspace{5cm}
1065     {\LARGE\bfseries\strut\ignorespaces\@title\\}
1066     {\Large\strut\ignorespaces\@subtitle\\}
1067     \vspace{2.5cm}
1068     {\Large\presentationinformationTUHH\\}
1069     \vspace{2.5cm}
1070     {\Large\strut\ignorespaces\fromname\\
1071       \strut\ignorespaces\@author\\}
1072     \vspace{2.5cm}
1073     {\Large\strut\ignorespaces\fromplacename\\
1074       \strut\ignorespaces\@place\\}
1075     \vspace{2.5cm}
1076     {\Large\@date}
1077 </TU-HH>
1078 <*WWUM>
1079     \centering
1080     \@chair\\
1081     \vspace{2cm}
1082     \@title\\
1083     \vfill
1084     \presentationinformationWWUM\\
1085     \vfill
1086     \presentedbyname\\
1087     \@author\\
1088     \ifx\@place\@empty\else\fromplacename{} \@place\\\fi
1089     --\,\the\year\,--
1090 </WWUM>
1091 <*Markus & 1>
1092     \raggedright
1093     {\subject@font{%
1094       \large\strut\ignorespaces\@subject\par\vskip 2\baselineskip}}}%

```

```

1095     {\titlefont{\LARGE\strut\ignorespaces\@title\par}}%
1096     {\@subtitlefont{%
1097         \large\vskip.5\baselineskip\strut\ignorespaces\@subtitle\par}}%
1098     \vfill
1099     {\csname @datefont\endcsname{\large\strut\ignorespaces\@date\par}}%
1100 </Markus & 1>
1101 < *Spacer | Markus & 2>
1102     \raggedright
1103 <Markus & 2>     \thispagestyle{maintitle}%
1104     \raisebox{0pt}{\ht\strutbox}[\dimexpr\textheight-\ht\strutbox\relax]{%
1105         \rule[\dimexpr-.667\headsep-\textheight\relax]
1106             {\title@rulewidth}
1107             {\dimexpr\textheight+2\headsep\relax}\kern\title@rulesep}%
1108     \parbox[t][\textheight][t]
1109         {\dimexpr \textwidth-\title@rulewidth-\title@rulesep\relax}{%
1110         \raggedright
1111 < *Spacer>
1112         \ifx\@titlehead\@empty\else

1113             \raisebox{\dimexpr\ht\strutbox-\totalheight\relax}{%
1114                 \parbox[t]{\linewidth}{\@titlehead}%
1115             }\par
1116             \vskip 2\baselineskip
1117         \fi
1118 </Spacer>
1119     {\leavevmode\subject@font{%
1120         \large\strut\ignorespaces\@subject\par\vskip 2\baselineskip}}%
1121     {\def\and{\}\csname @authorfont\endcsname{\large\@author}\par
1122         \vskip .5\baselineskip}%
1123     {\titlefont{\LARGE\strut\ignorespaces\@title\par}}%
1124     {\@subtitlefont{%
1125         \large\vskip.5\baselineskip\strut\ignorespaces\@subtitle\par}}%
1126     \vfill
1127     {\csname @publisherfont\endcsname{\large\@publisher\par}}%
1128     {\csname @datefont\endcsname{\large\strut\ignorespaces\@date\par}}%
1129     }%
1130 </Spacer | Markus & 2>
1131 < *KIT>
1132     \setlength{\unitlength}{1mm}%
1133     \begin{picture}(0,0)
1134         \put(15,-12){%
1135             \line(1,0){\dimexpr\paperwidth-37mm\relax\@gobble}%
1136         }%
1137         \put(\dimexpr\paperwidth-22mm\@gobble,-19){\oval(14,14)[rt]}%
1138         \put(\dimexpr\paperwidth-15mm\@gobble,-19){%
1139             \line(0,-1){\dimexpr\paperheight-37mm\relax\@gobble}%
1140         }%
1141         \put(22,-\dimexpr\paperheight-18mm\relax\@gobble){%
1142             \line(1,0){\dimexpr\paperwidth-37mm\relax\@gobble}%
1143         }%

```

```

1144 \put(22,-\dimexpr\paperheight-25mm\relax\@gobble){\oval(14,14)[lb]}%
1145 \put(15,-\dimexpr\paperheight-25mm\relax\@gobble){%
1146 \line(0,1){\dimexpr\paperheight-37mm\relax\@gobble}%
1147 }%
1148 \end{picture}\par
1149 \vskip\dimexpr -\baselineskip+25mm\relax
1150 \hspace*{27mm}%
1151 \begin{minipage}[t][\dimexpr\paperheight-68mm\relax][t]
1152 {\dimexpr\paperwidth-54mm\relax}
1153 \raggedright\@titlehead\par
1154 \centering
1155 \vskip 25mm
1156 {\@titlepagefont\@title\par}%
1157 \vskip 20mm
1158 {\Large\@subject\\\fromname\par}
1159 \vskip 1cm
1160 {\huge\@author\par}
1161 \vskip 1cm
1162 {\Large\presentationinformationKIT\par}
1163 \vskip 2cm
1164 {\Large
1165 \let\@tempa\refereename
1166 \def\@tempb{1}%
1167 \def\and{%
1168 \\\
1169 \xdef\@tempb{\the\numexpr\@tempb+1\relax}%
1170 \expandafter\ordinal\expandafter{\@tempb}~\@tempa: &
1171 }%
1172 \begin{tabular}{@{}lr@{}}
1173 \refereename: & \@referee \\\
1174 \global\let\@tempa\advisorname\xdef\@tempb{1}%
1175 \advisorname: & \@advisor \\\
1176 \end{tabular}\par
1177 }
1178 \vfill
1179 {\large \durationname: \@duration\par}
1180 \end{minipage}
1181 \vskip 35mm
1182 \hspace*{27mm}\makebox[\dimexpr\paperwidth-56mm\relax]{%
1183 \tiny\@university\hfill\large\textbf{\@homepage}%
1184 }%
1185 </KIT>
1186 <*JT-Aufsätze>
1187 \centering
1188 \@author\\
1189 \begin{picture}(\title@rulewidth\@gobble,
1190 \dimexpr .3ex+1pt+\title@rulesep\relax\@gobble)
1191 \put(0,\dimexpr .15ex+.5pt+\title@rulesep\relax\@gobble){%
1192 \linethickness{.3ex}\line(1,0){\title@rulewidth\@gobble}%

```

```

1193     }%
1194     \put(0,0){%
1195         \linethickness{1pt}\line(1,0){\title@rulewidth\@gobble}%
1196     }%
1197     \end{picture}\[\baselineskip]
1198     {\titlefont{\@title\par}}%
1199     \vfill
1200     \@publisher
1201 \JT-Aufsätze
1202 \JT-Geschichte
1203     \centering
1204     \large{\@tpf@extra{\@author\unskip\strut}}\[\dp\strutbox]
1205     {\titlefont{\Huge\@title\par}}
1206     \vfill
1207     \begin{picture}(\title@rulewidth\@gobble,
1208         \dimexpr 4pt+1pt+\title@rulesep\relax\@gobble)
1209         \put(0,\dimexpr 2pt+.5pt+\title@rulesep\relax\@gobble){%
1210             \linethickness{1pt}\line(1,0){\title@rulewidth\@gobble}%
1211         }%
1212         \put(0,0){%
1213             \linethickness{4pt}\line(1,0){\title@rulewidth\@gobble}%
1214         }%
1215     \end{picture}\[\dp\strutbox]
1216     \@tpf@extra{\@publisher}%
1217     \ifx\@place\@empty\else
1218         \unskip\@tpf@extra{\strut}\[\dp\strutbox]\@tpf@extra{\@place}%
1219     \fi
1220 \JT-Geschichte
1221 \JT-Typography
1222     \raggedright
1223     {\Large\MakeUppercase{\@author}}\[\baselineskip]}
1224     {\titlefont{\Huge\MakeUppercase{\@title}\unskip\strut}}
1225     {\@subtitlefont{\normalsize\MakeUppercase{\@subtitle}}}}
1226     \vfill
1227     {\normalsize\MakeUppercase{\@place}\ifx\@place\@empty\else\enskip\fi
1228         {\LARGE\MakeUppercase{\@date}}
1229     \ifx\@publisher\@empty\else\unskip\strut\[\1.5\baselineskip]
1230         \MakeUppercase{\@publisher}%
1231     \fi}
1232 \JT-Typography
1233     \end{%
1234 (DHBW | TU-DD | TU-HH | KIT)    fullsizetitle}
1235 \KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM
1236     titlepage}
1237 \KOMAScript | Markus | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography | WWUM
1238 }

```

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
\uppertitleback 1239 \KOMAScript | Markus | Spacer>
\@uppertitleback 1240 \providecommand*{\@uppertitleback}{%
  lowertitleback 1241 \providecommand{\uppertitleback}[1]{\gdef\@uppertitleback{#1}}
  \lowertitleback 1242 \DefineFamilyKey[%
\@lowertitleback 1243 \KOMAScript) KOMAScript%
1244 \Markus & 1) Markus-1%
1245 \Markus & 2) Markus-2%
1246 \Spacer) Spacer%
1247 \JT-Aufsaetze) JT-Aufsaetze%
1248 \JT-Geschichte) JT-Geschichte%
1249 \JT-Geschichte) JT-Typography%
1250 ]{title}{uppertitleback}{\uppertitleback{#1}\FamilyKeyStateProcessed}
1251 \providecommand*{\@lowertitleback}{%
1252 \providecommand{\lowertitleback}[1]{\gdef\@lowertitleback{#1}}
1253 \DefineFamilyKey[%
1254 \KOMAScript) KOMAScript%
1255 \Markus & 1) Markus-1%
1256 \Markus & 2) Markus-2%
1257 \Spacer) Spacer%
1258 \JT-Aufsaetze) JT-Aufsaetze%
1259 \JT-Geschichte) JT-Geschichte%
1260 \JT-Geschichte) JT-Typography%
1261 ]{title}{lowertitleback}{\lowertitleback{#1}\FamilyKeyStateProcessed}
1262 \KOMAScript | Markus | Spacer>

\makemaintitleback Only some of the styles define this:
1263 \KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1264 \renewcommand*{\makemaintitleback}{%
1265 \begin{titlepage}
1266 \begin{minipage}[t]{\textwidth}
1267 \@titlepagefont{\@uppertitleback}%
1268 \end{minipage}\par
1269 \vfill
1270 \begin{minipage}[b]{\textwidth}
1271 \@titlepagefont{\@lowertitleback}%
1272 \end{minipage}
1273 \end{titlepage}
1274 }
1275 \KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1276 \*TU-HH>
1277 \renewcommand*{\makemaintitleback}{%
1278 \begin{titlepage}
1279 \vspace*{\fill}
1280 \iffinal
1281 \@tempcnta\z@
1282 \def\and{%

```

```

1283         \par\advance\@tempcnta by\@ne
1284         \@hangfrom{%
1285             \expandafter\ordinal\expandafter{\the\@tempcnta}\~\refereename:\enskip
1286         }%
1287     }\and\@referee
1288 \fi
1289 \vskip 1cm
1290 \iffinal
1291     \@hangfrom{\oralexaminationdatename:\enskip}{\@oralexaminationdate}%
1292 \fi
1293 \end{titlepage}
1294 }
1295 </TU-HH>
1296 <*WWUM>
1297 \renewcommand*{\makemaintitleback}{%
1298     \begin{titlepage}
1299         \vspace*{\fill}
1300         \noindent
1301         \@tempcnta\z@
1302         \def\arraystretch{2}%
1303         \newcommand*{\test@malefemale}[1][m]{%
1304             \global\advance\@tempcnta by\@ne
1305             \Ifstr{##1}{f}{\def\fe@male{female}}{\def\fe@male{male}}%
1306             \csname \fe@male ordinal\endcsname{\@tempcnta}\space
1307             \csname \fe@male refereename\endcsname: &
1308             \def\and{\\\test@malefemale}%
1309         }%
1310         \begin{tabular}{@{}l@{}}
1311             \chairmanname: & \@professor \\
1312             \expandafter\test@malefemale
1313             \@referee \\
1314             \oralexaminationdatename: & \@oralexaminationdate
1315             \ifx\examinationdatename\@empty\else
1316                 \\examinationdatename: &
1317             \fi
1318             \\
1319         \end{tabular}
1320     \end{titlepage}
1321 }
1322 </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
\extratitle 1323 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsätze | JT-Geschichte | JT-Typography>
\@extratitle 1324 \providecommand*{\@extratitle}{}
1325 \providecommand{\extratitle}[1]{\gdef\@extratitle{#1}}
1326 \DefineFamilyKey[%
1327 (KOMAScript) KOMAScript%

```

```

1328 <Markus & 2>  Markus-2%
1329 <Spacer>  Spacer%
1330 <JT-Aufsaetze>  JT-Aufsaetze%
1331 <JT-Geschichte>  JT-Geschichte%
1332 <JT-Typography>  JT-Typography%
1333 ]{title}{extratitle}{\extratitle{#1}\FamilyKeyStateProcessed}
1334 </KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>

\makeprettitle  Only some styles have pre titles:
\makeprettitleback 1335 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1336 \renewcommand*{\makeprettitle}{%
1337   \ifx\@extratitle\@empty\else
1338     \begin{titlepage}
1339       \noindent\@extratitle
1340     \end{titlepage}
1341   \fi
1342 }%
1343 </KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1344 <*Markus & 1>
1345 \renewcommand*{\makeprettitle}{%
1346   \ifx\@publisher\@empty\else
1347     \begin{titlepage}
1348       \raggedleft
1349       {\@titlepagefont{%
1350         \large\strut\ignorespaces\@publisher\par}}%
1351     \end{titlepage}
1352   \fi
1353 }
1354 </Markus & 1>
1355 <*WWUM>
1356 \renewcommand*{\makeprettitle}{%
1357   \begin{fullsizetitle}
1358     \@titlepagefont
1359     \vspace*{.33\vsiz}%
1360
1361     \centering
1362     \@author\[\[1ex]
1363     \@title\[\[1ex]
1364     \the\year
1365   \end{fullsizetitle}
1366 }
1367 </WWUM>

1368 <*KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1369 \renewcommand*{\makeprettitleback}{%
1370   \ifx\@extratitle\@empty\else\begin{titlepage}\null\end{titlepage}\fi
1371 }
1372 </KOMAScript | Markus & 2 | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1373 <*Markus & 1>
1374 \renewcommand*{\makeprettitleback}{%

```

```

1375 \ifx\@author\@empty\else
1376 \ifx\@publisher\@empty\begin{titlepage}\end{titlepage}\fi
1377 \begin{titlepage}
1378 \raggedleft
1379 {\@titlepagefont{%
1380 \large\null\vskip 2\baselineskip
1381 \LARGE\strut{\def\and{\hspace{1em}}\linebreak[3]}}%
1382 \csname @authorfont\endcsname{\large\ignorespaces\@author}\par}}}%
1383 \end{titlepage}
1384 \fi
1385 }
1386 </Markus & 1>
1387 <*WWUM>
1388 \renewcommand*{\makeprettitleback}{%
1389 \if@twoside\begin{titlepage}\null\end{titlepage}\fi
1390 }
1391 </WWUM>

```

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

`\makeposttitleback`

```

1392 <*KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>
1393 \renewcommand*{\makeposttitle}{%
1394 \ifx\@dedication\@empty\else
1395 \begin{titlepage}
1396 \null\vfill
1397 {\centering\csname @dedicationfont\endcsname{\@dedication \par}}}%
1398 \vskip \z@ \@plus 3fill
1399 \end{titlepage}
1400 \fi
1401 }
1402 \renewcommand*{\makeposttitleback}{%
1403 \ifx\@dedication\@empty\else\begin{titlepage}\null\end{titlepage}\fi
1404 }
1405 </KOMAScript | Markus | Spacer | JT-Aufsaetze | JT-Geschichte | JT-Typography>

```

4.4 The Examples and the Manual

```

1406 \documentclass[a4paper,pagesize]{scrbook}
1407 \usepackage[utf8]{inputenc}
1408 \usepackage[ngerman]{babel}
1409 \usepackage[T1]{fontenc}
1410 \usepackage{lmodern}
1411 <JT-Geschichte>\usepackage{microtype}
1412 <TU-HH | TU-DD>\usepackage{mathpazo}
1413 <TU-HH | TU-DD>\usepackage[scaled]{helvet}
1414 <DHBW | Spacer | KIT>\usepackage[demo]{graphicx}% remove option demo if you have
1415 \usepackage{xcolor}
1416 <JT-Geschichte | JT-Typography>\colorlet{RED}{red}% because of \MakeUppercase{\text
1417 \usepackage{titlepage}
1418 \begin{document}

```



```

1419 <*DHBW>
1420 \TitlePageStyle{DHBW}
1421 \makeatletter\providecommand*{\@titlepagefont}{\normalfont\sffamily}\makeatother
1422 \setkomafont{subject}{\sffamily\bfseries}
1423 \maketitle[%
1424     titlefont=\sffamily,
1425     mainlogo=\textcolor{red}{\{
1426         % You may add a company logo here!
1427         % NOTE: The original logo has a large white border!
1428         \includegraphics[width=57mm,height=27mm]{
1429             {DHBW_d_MOS_195x95_rgb_300.jpg}%
1430     }},
1431     % You may additionally change titlehead. The original definition of
1432     % titlehead is:
1433     titlehead={\hspace*{\fill}\usetitleelement{mainlogo}},
1434     title=\textcolor{red}{Bachelorarbeitsthema},
1435     subject=\textcolor{red}{BACHELORARBEIT},
1436     degree=\textcolor{red}{Bachelor of Engineering},
1437     discipline=\textcolor{red}{Studiengang},
1438     place={Baden-Württemberg \textcolor{red}{Stadt}},
1439     student=\textcolor{red}{Vorname Nachname},
1440     duration=\textcolor{red}{12 Wochen},
1441     matriculationnumber=\textcolor{red}{Matrikelnummer},
1442     course=\textcolor{red}{Kurskürzel},
1443     company=\textcolor{red}{Firmenname, Stadt},
1444     advisor=\textcolor{red}{Titel Vorname Nachname},
1445     referee=\textcolor{red}{Titel Vorname Nachname},
1446     date=\textcolor{red}{Abgabedatum}
1447 ]
1448 </DHBW>
1449 <*TU-DD>
1450 \TitlePageStyle{TU-DD}
1451 \maketitle[%
1452     title=\textcolor{red}{Titel im Stil \texttt{TU-DD}},
1453     university=\textcolor{red}{%
1454         Technische\nobreakspace Universit\at\nobreakspace Dresden},%
1455     faculty=\textcolor{red}{Fakultät Wirtschaftswissenschaften},
1456     chair=\textcolor{red}{SAP-Stiftungslehrstuhl für\
1457         Entrepreneurship und Innovation},
1458     professor=\textcolor{red}{Prof.\,Dr.\,Michael Schefcyk},
1459     % subject=diploma, % one of: project, seminar, studentresearch,
1460     % % diploma, degree, master, bachelor, or ...
1461     subject=\textcolor{red}{Seminararbeit\,(bzw. Diplomarbeit)},% ... direct value
1462     student=\textcolor{red}{Vorname und Name},
1463     discipline=\textcolor{red}{Studienrichtung},
1464     matriculationnumber=\textcolor{red}{Matrikel-Nr.},
1465     advisor=\textcolor{red}{(mit akadem. Grad, Vor- und Zuname)},
1466     date=\textcolor{red}{(Datum der Abgabe)}
1467 ]

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1468
1469 \TitleOptions{pagenumber=1,blackborder}% same with 'Trauerrand'
1470 \maketitle% everything else, like above
1471 \TU-DD)
1472 (*KOMAScript)
1473 \TitlePageStyle[pagenumber=1]{KOMAScript}
1474 \maketitle[
1475   extratitle=\textcolor{red}{Das ist ein Schmutztitel im Stil \texttt{KOMAScript}},
1476   titlehead=\textcolor{red}{Den Kopfbereich kann man auf diese Weise füllen.},
1477   subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1478   title=\textcolor{red}{Titel im Stil \texttt{KOMAScript}},
1479   subtitle=\textcolor{red}{Untertitel},
1480   publisher=\textcolor{red}{Einen Verlag kann man ebenfalls angeben},
1481   uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels im Stil \texttt{KOMAScript}.},
1482   \texttt{KOMAScript}.},
1483   lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels im Stil \texttt{KOMAScript}.},
1484   \texttt{KOMAScript}.},
1485   dedication=\textcolor{red}{Eine Widmung im Stil \texttt{KOMAScript}}
1486 ]
1487 \KOMAScript)
1488 (*TU-HH)
1489 \TitlePageStyle[pagenumber=1]{TU-HH}
1490 \maketitle[%
1491   final,
1492   title=\textcolor{red}{Titel im Stil \texttt{TU-HH}},
1493   university=\textcolor{red}{Technischen Universität Hamburg-Harburg},
1494   subject=degree,
1495   degree=\textcolor{red}{Doktor der Naturwissenschaften (Dr.\,rer.\,nat\,)},
1496   place=\textcolor{red}{(Geburtsort)},
1497   date=\textcolor{red}{(aktuelles Jahr)},
1498   referee=\textcolor{red}{Name des ersten Gutachters\protect\and Name des zweiten Gutachters},
1499   Gutachters},
1500   oralexaminationdate=\textcolor{red}{29. Februar 2009}
1501 ]
1502 \TU-HH)
1503 (*Markus|Spacer)
1504 % Maybe we should define one more option for this:
1505 \setkomafont{subject}{\normalfont\sffamily}% because of KOMA-Script class
1506 \setkomafont{title}{\normalfont\sffamily}% because of KOMA-Script class
1507 (*1)
1508 \TitlePageStyle[pagenumber=1]{Markus-1}
1509 \maketitle[%
1510   titlepagefont={\normalfont\sffamily},% to show is without KOMA-Script class
1511   title=\textcolor{red}{Titel im Stil \texttt{Markus-1}},
1512   subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1513   subtitle=\textcolor{red}{Untertitel},
1514   publisher=\textcolor{red}{Verlag},
1515   uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels im Stil \texttt{Markus-1}.},
1516   im Stil \texttt{Markus-1}.},

```

```

1517 lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels
1518 im Stil \texttt{Markus-1}.},
1519 dedication=\textcolor{red}{Eine Widmung im Stil \texttt{Markus-1}},
1520 author=\textcolor{red}{Markus~Kohm\protect\and Sonst~Jemand}
1521 ]
1522 </1>
1523 <*2 | Spacer>
1524 <2>\TitlePageStyle[pagenummer=1]{Markus-2}
1525 <Spacer>\TitlePageStyle[pagenummer=1]{Spacer}
1526 \maketitle[%
1527 rulewidth=2pt,
1528 extratitle=\textcolor{red}{Das ist ein Schmutztitel im Stil \texttt{%
1529 <2> Markus-2}},
1530 <Spacer> Spacer}},
1531 <*Spacer>
1532 titlehead=\textcolor{red}{\includegraphics{Logo}},
1533 </Spacer>
1534 title=\textcolor{red}{Titel im Stil \texttt{%
1535 <2> Markus-2}},
1536 <Spacer> Spacer}},
1537 subject=\textcolor{red}{Eine Klassifizierung der Arbeit},
1538 subtitle=\textcolor{red}{Untertitel},
1539 publisher=\textcolor{red}{Verlag},
1540 uppertitleback=\textcolor{red}{Oberer Bereich der Rückseite des Haupttitels
1541 im Stil \texttt{%
1542 <2> Markus-2}.},
1543 <Spacer> Spacer}.},
1544 lowertitleback=\textcolor{red}{Unterer Bereich der Rückseite des Haupttitels
1545 im Stil \texttt{%
1546 <2> Markus-2}.},
1547 <Spacer> Spacer}.},
1548 dedication=\textcolor{red}{Eine Widmung im Stil \texttt{%
1549 <2> Markus-2}},
1550 <Spacer> Spacer}},
1551 author=\textcolor{red}{Markus~Kohm}
1552 ]
1553 </2 | Spacer>
1554 </Markus | Spacer>
1555 <*KIT>
1556 \TitlePageStyle{KIT}
1557 \maketitle[%
1558 mainlogo={\textcolor{red}{%
1559 \includegraphics[width=40mm,height=18.5mm]{KITLogo_RGB}}},%
1560 % You may additionally change titlehead. Original definition of titlehead
1561 % is:
1562 titlehead={\usetitleelement{mainlogo}\hspace*{\fill}},%
1563 title=\textcolor{red}{Titel der Arbeit\\im Stil \texttt{KIT}},%
1564 subject=\textcolor{red}{Klassifizierung der Arbeit},%
1565 author=\textcolor{red}{Markus~Kohm},%

```

```

1566 faculty=\textcolor{red}{Fakultät für Informatik},%
1567 chair=\textcolor{red}{%
1568     Institute for Program Structures\and Data Organization (IPA)},%
1569 advisor=\textcolor{red}{Titel Vorname Nachname}\and
1570     \textcolor{red}{Titel Vorname Nachname}},%
1571 referee=\textcolor{red}{Titel Vorname Nachname}\and
1572     \textcolor{red}{Titel Vorname Nachname}},%
1573 duration=\textcolor{red}{XX. Monat 20XX -- XX. Monat 20XX},%
1574 university=\textcolor{red}{\KITlongname},%
1575 homepage=\textcolor{red}{\KITurl}%
1576 ]
1577 \</KIT>
1578 \<*JT-Aufsätze>
1579 \TitlePageStyle{JT-Aufsätze}
1580 \maketitle[%
1581     % There are only three official elements:
1582     author=\textcolor{red}{Markus Kohm}},%
1583     title=\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds
1584         ausgewählte Aufsätze über Fragen der Gestalt des Buches und der
1585         Typographie}},
1586     titlefont=\normalfont,% You may change the font of the main title
1587     publisher=\textcolor{red}{Der Verlag}}
1588 % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1589 % See Markus-2 for more information about those.
1590 ]
1591 \</JT-Aufsätze>
1592 \<*JT-Geschichte>
1593 \TitlePageStyle{JT-Geschichte}
1594 \maketitle[%
1595     % There are only four official elements:
1596     author=\textcolor{red}{Markus Kohm}},%
1597     title=\textcolor{red}{Titel der Arbeit angelehnt an Jan Tschicholds
1598         Geschichte der Schrift in Bildern}},
1599     titlefont=\itshape,% You may change the font of the main title
1600     publisher=\textcolor{red}{Der Verlag in seiner Langform}},
1601     place=\textcolor{red}{Der Ort}}
1602 % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1603 % See Markus-2 for more information about those.
1604 ]
1605 \</JT-Geschichte>
1606 \<*JT-Typography>
1607 \TitlePageStyle{JT-Typography}
1608 \maketitle[%
1609     % There are only four official elements:
1610     author=\textcolor{red}{Markus Kohm}},%
1611     title=\textcolor{red}{Titel der Arbeit}},
1612     subtitle=\textcolor{red}{angelehnt an the new Typography}},
1613     publisher=\textcolor{red}{Veröffentlicht für einen Verlag oder auch nicht}},
1614     place=\textcolor{red}{Der Ort}},

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1615   date={\textcolor{red}{2012}}
1616   % Nevertheless, you may use extratitle, lowertitleback and uppertitleback.
1617   % See Markus-2 for more information about those.
1618 ]
1619 </JT-Typography>
1620 <*WWUM>
1621 \TitlePageStyle{WWUM}
1622 \renewcaptionname{ngerman}{\examinationdatename}{Tag der Promotion}
1623 %\renewcaptionname{ngerman}{\examinationdatename}{}
1624 %\renewcaptionname{ngerman}{\chairmanname}{Dekan}
1625 %\renewcaptionname{ngerman}{\chairmanname}{Dekanin}
1626 \maketitle[%
1627   title={\textcolor{red}{Titel der Arbeit}},
1628   subject={\textcolor{red}{Inaugural-Dissertation}},
1629   degree={\textcolor{red}{Doktorgrades}},
1630   discipline={\textcolor{red}{Physik}},
1631   sience={\textcolor{red}{Naturwissenschaften}},
1632   chair={\textcolor{red}{Experimentelle Physik}},
1633   faculty={\textcolor{red}{Mathematisch-Naturwissenschaftlichen}},
1634   author={\textcolor{red}{Mein Name}},
1635   place={\textcolor{red}{Geburtsort}},
1636   referee={\textcolor{red}{Peter Mustermann}}\and
1637     [f]\textcolor{red}{Petra Musterfrau}},
1638   professor={\textcolor{red}{Klaus Naseschwarz}}
1639 ]
1640 </WWUM>
1641 \end{document}

1642 <!*README>
1643 \documentclass{scrdoc}
1644 \usepackage[utf8]{inputenc}
1645 \usepackage[T1]{fontenc}
1646 \usepackage{lmodern}
1647 \usepackage[english]{babel}
1648 \usepackage{longtable,tabu}
1649 \usepackage{graphicx}
1650 \usepackage{hypdoc}
1651 \CodelineIndex
1652 \RecordChanges
1653 \EnableCrossrefs
1654 \GetFileInfo{titlepage.ltx}
1655 \begin{document}
1656 \title{More Titlepage Styles with Package \File{titlepage}\footnote{This is fil
1657   version \fileversion{} of file \File{\filename}.}}
1658 \author{Markus Kohm\footnote{Markus Kohm \textless komascript\textcircled{\tiny
1659   at}gmx.info\textgreater{}}}
1660 \date{\fileversion{}\footnote{\textbf{Note:} All version below 0.9 are ALPHA
1661   versions. Everything may change. Everything may break. Everything may
1662   happen.} \filedate}
1663 \maketitle

```

```

1664 \begin{abstract}
1665 \<!--README\>
1666
1667 Creation of title pages is something most authors should not have to do.
1668 But reality is not perfect, so a lot of authors have to do it. In 2009
1669 \<!--README\>KOMAScript started the title page project at \url{https://komascript.de/tit
1670 \<!--README\>KOMAScript started the title page project at <https://komascript.de/titlepag
1671 to collect real title pages and implement them with a well defined
1672 interface. So changing from one title page style to another would be very
1673 simple. Nevertheless implementation of a new title page style may be still
1674 difficult. But maybe the guys of the title page project would help you. Just
1675 ask!
1676 \<!--*README\>
1677
1678 Note: To generate all files, you should simply call
1679
1680         pdftex -shell-escape titlepage.dtx
1681
1682 If you are using MiKTeX you have to use
1683
1684         pdftex --enable-write18 titlepage.dtx
1685
1686 to fully enable shell escapes which are also known as \write18 feature.
1687
1688 All ltx files should be installed together with all pdf files at documentation
1689 folder. The sty file together with all def files should be installed at latex
1690 package folder.
1691
1692 But maybe your distributpr already distributes a ready for installation
1693 package, so you do not need to create files and copy them yourself.
1694 \<!--README\>
1695 \<!--*!README\>
1696 \end{abstract}
1697 \DocInput{titlepage.dtx}
1698 \end{document}
1699 \<!--README\>

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