

I know, this documentation is *very* far away from completed (just like the code it documents ;D), but I'm working on it ...

Maybe, I'll also write some kind of InformatikMWGLtxdoc class to centralize configuration ... but who knows how many L^AT_EX stuff has to be documented ...

Part I

The code

Initialisation

Provide some information about the class:

```
1 \ProvidesClass{InformatikMWGBeamer}%  
2 [2018/05/11 v0.1 InformatikMWG Corporate Design Presentation Class]
```

Print some “advertising” to the log:

```
3 \typeout{}  
4 \typeout{=====}  
5 \typeout{InformatikMWG Corporate Design Presentation Class}  
6 \typeout{Version 2018/05/11 v0.1}  
7 \typeout{}  
8 \typeout{(c) 2018 Sebastian Friedl}  
9 \typeout{Licensed under LPPL 1.3c or later}  
10 \typeout{=====}  
11 \typeout{}
```

Require \LaTeX 2_ε. Anyway, who is still using the old \LaTeX 2.09 ...

```
12 \NeedsTeXFormat{LaTeX2e}
```

Detect whether one of the “newer,” “enhanced” engines is used:

```
13 \RequirePackage{iftex}  
14 \newif\ifinformatikmwgbearer@xeorluatex  
15 \@informatikmwgbearer@xeorluatexfalse  
16 \ifXeTeX\@informatikmwgbearer@xeorluatextrue\fi  
17 \ifLuaTeX\@informatikmwgbearer@xeorluatextrue\fi
```

Print the insight from above to the log (that might come in handy when debugging this sh**):

```
18 \typeout{}  
19 \ifinformatikmwgbearer@xeorluatex\typeout{Xe- or LuaLaTeX detected}  
20 \else\typeout{Classical (pdf)LaTeX detected}  
21 \fi  
22 \typeout{}
```

Loading the beamer class

Force an aspect ratio of 16:9:

```
23 \PassOptionsToClass{aspectratio=169}{beamer}
```

Instruct hyperref to use utf8-encoding when \LaTeX or \LuaTeX is used:

```
24 \ifinformatikmwgbearer@xeorluatex\PassOptionsToClass{hyperref=unicode}{beamer}\fi
```

Load beamer, switch to presentation mode and start defining the theme:

```
25 \LoadClass{beamer}  
26 \mode<presentation>
```

Override beamer's commands changing the way things look for disabling changes to the corporate design:

```
27 \def\usetheme#1{\ClassWarning{InformatikMWGBeamer}%
28   {\noexpand\usetheme command ignored. Stick to our corporate design!}}
29 \def\usefonttheme#1{\ClassWarning{InformatikMWGBeamer}%
30   {\noexpand\usefonttheme command ignored. Stick to our corporate design!}}
31 \def\usecolortheme#1{\ClassWarning{InformatikMWGBeamer}%
32   {\noexpand\usecolortheme command ignored. Stick to our corporate design!}}
33 \def\useinnertheme#1{\ClassWarning{InformatikMWGBeamer}%
34   {\noexpand\useinnertheme command ignored. Stick to our corporate design!}}
35 \def\useoutertheme#1{\ClassWarning{InformatikMWGBeamer}%
36   {\noexpand\useoutertheme command ignored. Stick to our corporate design!}}
```

Remove those nasty navigation symbols:

```
37 \setbeamertemplate{navigation symbols}{}
```

Require Packages

Require really required packages:

etoolbox for obtaining access to some useful ϵ -TeX commands.

ifthen for handling exceptions

tikz for drawing stuff and taking over absolute placement on title, part, ... frames. **tikz's** fadings library is also loaded for drawing the faded title, part, ... frame's separation line.

```
38 \RequirePackage{etoolbox}
39 \RequirePackage{ifthen}
40 \RequirePackage{tikz}
41 \usetikzlibrary{fadings}
```

Frame numbering business:

beamer, version 3.49 and later declares some nice commands (and templates) useful for numbering frames. However, version 3.48 and newer lack of this feature; so another package is required: `appendixnumberbeamer`.

To detect beamer 3.48 and older, we check wheter `\insertmainframenummer`, introduced with version 3.49, is undefined:

```
42 \ifx\insertmainframenummer\undefined\RequirePackage{appendixnumberbeamer}\fi
```

Load the Fira fonts

The way the fonts are loaded depends on the used engine.

```
43 \if@informatikmwgbeamer@xeorluatex
```

X_YLaTeX and LuaLaTeX: Require fontspec and load the OpenType fonts

```
44 \RequirePackage[no-math]{fontspec}
45 \setmainfont[Numbers=Lining, Scale=.85]{FiraSans}
46 \setsansfont[Numbers=Lining, Scale=.85]{FiraSans}
47 \setmonofont[Scale=.85]{FiraMono}
```

Disable fontspec's commands for switching fonts:

```
48 \def\setmainfont#1{\ClassWarning{InformatikMWGBeamer}%
49   {\noexpand\setmainfont command ignored. Stick to our corporate design!}}
50 \def\setsansfont#1{\ClassWarning{InformatikMWGBeamer}%
51   {\noexpand\setsansfont command ignored. Stick to our corporate design!}}
52 \def\setmonofont#1{\ClassWarning{InformatikMWGBeamer}%
53   {\noexpand\setmonofont command ignored. Stick to our corporate design!}}
54 \else
```

Ok. We're dealing with somebody using (pdf)LaTeX, so we have to load some font packages:

```
55 \RequirePackage[lining, sfdefault, scale=.85]{FiraSans}
56 \RequirePackage[lining, scale=.85]{FiraMono}
57 \let\rmdefault\sfdefault
58 \RequirePackage[T1]{fontenc}
59 \fi
```

Since we're scaling everything down, we must also change the line spread:

```
60 \linespread{0.9}
```

Require the newtxsf package since one may require some math symbols:

```
61 \usepackage{newtxsf}
```

Class options

Define a draft option leaving a blank space instead of a logo:

```
62 \newif\ifbeamer@draft
63 \beamer@draftfalse
64 \DeclareOptionBeamer{draft}{\beamer@drafttrue}
```

Define a noheadline option to be used when a Table of Contents is not necessary:

```
65 \newif\ifbeamer@showheadline
66 \beamer@showheadlinetrue
67 \DeclareOptionBeamer{noheadline}{\beamer@showheadlinefalse}
```

Define some internal variables and initialize them:

```
68 \newif\ifbeamer@showframenrs
69 \beamer@showframenrstrue
```

Processes the options passed to the class:

```
70 \ProcessOptionsBeamer
```

Appendix stuff

```
71 \newif\ifbeamer@insideappendix
72 \beamer@insideappendixfalse
73 \AtBeginDocument{\apptocmd{\appendix}{%
74   \beamer@insideappendixtrue
75   \beamer@showframernsfalse
76 %   \ifbeamer@showheadline \setbeamertemplate{mwgheadline}[notoc] \fi
77   \setbeamertemplate{part page}[InformatikMWGAppendix]
78   \frame{\partpage}
79   \addtocounter{framenum}{-1}
80   \beamer@showframernstrue}{}}{}
81 }
```

Innerstyling, Part I (Item templates)

Reset the style of all items

```
82 \setbeamertemplate{items}[default]
```

Itemization template: triangle / dash / bullet points

```
83 \setbeamertemplate{itemize item}[default]
84 \setbeamertemplate{itemize subitem}{--}
85 \setbeamertemplate{itemize subsubitem}[circle]
```

Table of Contents: Draw boxes around section numbers

```
86 \setbeamertemplate{sections/subsections in toc}[square]
```

Use the bibliography items as specified by the bibliography package.

See beamer's user guide, section 10.6 ("Adding a Bibliography") for an instruction how to get the cute little icons back.

```
87 \setbeamertemplate{bibliography item}{\insertbiblabel}
```

Innerstyling, Part II (Frame templates)

Define the title frame template:

```
88 \defbeamertemplate*{title page}[InformatikMWG]{%
89   \ifx\insertframetitle\@empty \frametitle{~} \fi
90
91   \begin{tikzpicture}[remember picture, overlay]
92     \draw (current page.west) ++(2em, 0.6em)
93       node[anchor=base west, align=left]{%
94         {\usebeamerfont*{title}\usebeamercolor*{title}%
95           \ifx\inserttitle\@empty\else\inserttitle\fi}%
96         \ifx\inserttitle\@empty\else%
97           \ifx\insertsubtitle\@empty\else\\fi\fi%
98         {\usebeamerfont*{subtitle}\usebeamercolor*{subtitle}%
99           \ifx\insertsubtitle\@empty\else\insertsubtitle\fi}};
100 }
```

```

101 \draw[MWGRed, very thick] (current page.west) ++(2.2em,0)
102 -- ++(.5\textwidth,0) coordinate (startfading);
103 \draw[MWGRed, very thick, path fading=east] (startfading)
104 -- (current page.east);
105
106 \draw (current page.west) ++(2em, -0.3em) node[anchor=north west, align=left]%
107 {\begin{minipage}{\linewidth}
108 {\usebeamerfont*{author}\usebeamercolor*{author}%
109 \ifx\beamer@shortauthor\@empty\else\insertauthor\fi}\[\smallskipamount]%
110 {\usebeamerfont*{institute}\usebeamercolor*{institute}%
111 \ifx\insertinstitute\@empty\else\insertinstitute \fi}%
112 \ifx\insertinstitute\@empty\else%
113 \ifx\insertdate\@empty\else\[\medskipamount]\fi\fi%
114 {\usebeamerfont*{date}\usebeamercolor*{date}%
115 \ifx\insertdate\@empty\else\insertdate\fi}
116 \end{minipage}};
117 \end{tikzpicture}}

```

Define a part frame template

```

118 \defbeamertemplate*{part page}{InformatikMWG}{%
119 \ifx\insertframetitle\@empty \frametitle{~} \fi
120
121 \begin{tikzpicture}[remember picture, overlay]
122 \draw (current page.west) ++(2em, 0.6em)
123 node[anchor=base west, align=left]%
124 {\usebeamerfont*{part title}\usebeamercolor*{title}%
125 \insertromanpartnumber.~ \insertpart};
126
127 \draw[MWGRed, very thick] (current page.west) ++(2.2em,0)
128 -- ++(.5\textwidth,0) coordinate (startfading);
129 \draw[MWGRed, very thick, path fading=east] (startfading)
130 -- (current page.east);
131 \end{tikzpicture}}

```

Define a sectin frame template

```

132 \defbeamertemplate*{section page}{InformatikMWG}{%
133 \ifx\insertframetitle\@empty \frametitle{~} \fi
134
135 \begin{tikzpicture}[remember picture, overlay]
136 \draw (current page.west) ++(2em, 0.6em)
137 node[anchor=base west, align=left]%
138 {\usebeamerfont*{section title}\usebeamercolor*{title}%
139 \thesection.~ \insertsection};
140
141 \draw[MWGRed, very thick] (current page.west) ++(2.2em,0)
142 -- ++(.5\textwidth,0) coordinate (startfading);
143 \draw[MWGRed, very thick, path fading=east] (startfading)
144 -- (current page.east);

```

```
145 \end{tikzpicture}}
```

Define a subsection frame template

```
146 \defbeamertemplate*{subsection page}{InformatikMWG}{%
147   \ifx\insertframetitle\empty \frametitle{~} \fi
148
149   \begin{tikzpicture}[remember picture, overlay]
150     \draw (current page.west) ++(2em, 0.6em)
151       node[anchor=base west, align=left]%
152         {\usebeamerfont*{section title}\usebeamercolor*{title}%
153           \thesection.\~ \insertsection};
154
155     \draw[MWGRRed, very thick] (current page.west) ++(2.2em,0)
156       -- ++(.5\textwidth,0) coordinate (startfading);
157     \draw[MWGRRed, very thick, path fading=east] (startfading)
158       -- (current page.east);
159
160     \draw (current page.west) ++(2em, -0.3em)
161       node[anchor=north west, align=left]%
162         {\usebeamerfont*{subsection title}\usebeamercolor*{title}%
163           \thesection.\thesubsection~ \insertsubsection};
164   \end{tikzpicture}}
```

Define a part frame template for used inside the appendix

```
165 \defbeamertemplate*{part page}{InformatikMWGAppendix}{%
166   \ifx\insertframetitle\empty \frametitle{~} \fi
167
168   \begin{tikzpicture}[remember picture, overlay]
169     \draw (current page.west) ++(2em, 0.6em)
170       node[anchor=base west, align=left]%
171         {\usebeamerfont*{part title}\usebeamercolor*{title}\insertpart};
172
173     \draw[MWGRRed, very thick] (current page.west) ++(2.2em,0)
174       -- ++(.5\textwidth,0) coordinate (startfading);
175     \draw[MWGRRed, very thick, path fading=east] (startfading)
176       -- (current page.east);
177   \end{tikzpicture}}
```

Outerstyling (Frame components)

Headline

Activate beamer's compress option so miniframes are shown in the same row:

```
178 \beamer@compresstrue
```

Define the headline template. Since we are inserting a `\hskip0pt plus1filll` at the right of the section navigation, the section headings are strung together:

```
179 \defbeamertemplate*{headline}{informatikmwg}{%
```

```

180 \begin{beamercolorbox}[ht=2.75ex,dp=1.125ex]{section in head/foot}
181 \insertsectionnavigationhorizontal{\linewidth}{\hskip0pt plus1filll}%
182 \end{beamercolorbox}

```

Remove the headline when the noheadline option is used:

```

183 \ifbeamer@showheadline\else\setbeamertemplate{headline}{\fi

```

Footline

Meta information

The footnote consists of two lines: the upper one containing information about the institute and the lower one containing information about author(s) and presentation title.

Author and title are separated by a colon followed by a \quad

```

184 \defbeamertemplate*{footline}{InformatikMWG}{%
185 \begin{beamercolorbox}%
186 [wd=\paperwidth,ht=2.75ex,dp=.5ex,leftskip=10ex,rightskip=3ex]{footline}
187 \usebeamerfont*{meta information}
188 \insertshortinstitute
189 \end{beamercolorbox}%
190 \begin{beamercolorbox}%
191 [wd=\paperwidth,ht=2.75ex,dp=1.125ex,leftskip=10ex,rightskip=3ex]{footline}
192 \usebeamerfont*{meta information}
193 \insertshortauthor
194 \ifx\beamer@shortauthor\@empty\else\ifx\beamer@shorttitle\@empty\else
195 :\quad%
196 \fi\fi
197 \insertshorttitle
198 \end{beamercolorbox}%

```

The logo

TODO: Insert the logo

```

199 \ifbeamer@draft\else\begin{tikzpicture}[overlay]
200 \clip (0,0) rectangle (\paperwidth,5.5ex);
201 \node[above right] at (0,0) {\textless{Logo}\textgreater{}};
202 \end{tikzpicture}\fi%

```

Frame numbers

Use an overlaid tikzpicture for placing the frame numbers. The content has to be \clipped to the requested dimension:

```

203 \ifbeamer@showframerns\begin{tikzpicture}[overlay]\large
204 \clip ((\paperwidth-6ex),0) rectangle (\paperwidth,5ex);

```

Draw the outer circle not covered by the progress bar. When being inside the appendix, use the color of the progress bar, so the progress bar is “invisible”.

```

205 \ifbeamer@insideappendix
206 \fill[fill=MWGRed] (\paperwidth-2.5ex,1.8125ex) circle (3.0ex);

```



```

207     \else
208         \fill[fill=MWGRed!40] (\paperwidth-2.5ex,1.8125ex) circle (3.0ex);
209     \fi

```

Draw an inner white circle as background for the frame numbers:

```

210     \fill[fill=white] (\paperwidth-2.5ex,1.8125ex) circle (2.5ex);

```

Now, check whether beamer's advanced frame numbering is provided:

```

211     \ifx\insertmainframenumber\@undefined

```

The `\insertmainframenumber` command is undefined, so beamer's advanced frame numbering is *not* available and the `appendixnumberbeamer` package should have been loaded. Insert the current frame number and draw the progress bar if the presentation has got more than 0 frames.

```

212         \node[anchor=mid,MWGRed] at (\paperwidth-2.5ex,1.8125ex)
213             {\ifbeamer@insideappendix+\,\fi\insertframenumber};
214         \ifthenelse{\inserttotalframenumber > 0}{%
215             \draw[MWGRed,line width=.5125ex] ({\paperwidth-2.5ex},-.9375ex)
216                 arc (270:{226.5-202*(\insertframenumber/\inserttotalframenumber)}:2.75ex);}%
217     \else

```

The `\insertmainframenumber` command is defined, so beamer's advanced frame numbering is available. Insert the current frame number and draw the progress bar if the presentation has got more than 0 frames in the main part.

```

218         \node[anchor=mid,MWGRed] at (\paperwidth-2.5ex,1.8125ex)
219             {\ifbeamer@insideappendix+\,\insertframenumberinappendix%
220             \else\insertframenumber%
221             \fi};
222         \ifbeamer@inappendix\else\ifthenelse{\insertmainframenumber > 0}{%
223             \draw[MWGRed,line width=.5125ex] ({\paperwidth-2.5ex},-.9375ex)
224                 arc (270:{226.5-202*(\insertframenumber/\insertmainframenumber)}:2.75ex);}%\fi
225     \fi

```

At last, draw a “replacement” for the progress bar in the non-covered range:

```

226         \draw[MWGRed,line width=.5125ex] ({\paperwidth-2.5ex},-.9375ex)
227             arc (270:384.5:2.75ex);
228     \end{tikzpicture}\fi}

```

Sidebars

Don't show the logo in the right sidebar since it's placed in the footline:

```

229 \defbeamertemplate*{sidebar right}{InformatikMWG}{%
230     \vfill%
231     \llap{\usebeamertemplate***{navigation symbols}\hskip0.1cm}%
232     \vskip2pt}

```

Font theme

Define the font for elements on the title frame:

```

233 \setbeamerfont*{title}{size=\Large, series=\bfseries, shape=\scshape}
234 \setbeamerfont*{subtitle}{series=\bfseries}
235 \setbeamerfont*{author}{size=\small}
236 \setbeamerfont*{institute}{size=\small}
237 \setbeamerfont*{date}{size=\small}

```

Use a bold font for the frame title:

```

238 \setbeamerfont*{frametitle}{size=\Large, series=\bfseries, parent=structure}
239 \setbeamerfont*{framesubtitle}{size=\footnotesize}

```

Use tiny small caps for content in the head- and footline:

```

240 \setbeamerfont*{headline}{size=\tiny}
241 \setbeamerfont*{section in head/foot}{size=\tiny}
242 \setbeamerfont*{footline}{size=\tiny, shape=\scshape}
243 \setbeamerfont*{meta information}{parent=footline}
244 \setbeamerfont*{frame number}{size=\tiny, shape=\scshape}

```

Use large bold small caps for part headings on part frames:

```

245 \setbeamerfont*{part name}{size=\LARGE, series=\bfseries, shape=\scshape}
246 \setbeamerfont*{part title}{size=\LARGE, series=\bfseries, shape=\scshape}

```

Use large small caps for section headings on (sub-)section frames:

```

247 \setbeamerfont*{section name}{size=\Large, shape=\scshape}
248 \setbeamerfont*{section title}{size=\Large, shape=\scshape}

```

Use the italic font shape for subsection headings on subsection frames:

```

249 \setbeamerfont*{subsection name}{size=\large, shape=\itshape}
250 \setbeamerfont*{subsection title}{size=\large, shape=\itshape}

```

Table of Contents: \large small caps for section headings, \small subsection headings and \footnotesized subsection headings:

```

251 \setbeamerfont*{section in toc}{parent=structure, size=\large, shape=\scshape}
252 \setbeamerfont*{section in toc shaded}{parent=section in toc}
253 \setbeamerfont*{section number projected}%
254   {size=\small, parent={section in toc,projected text}}
255 \setbeamerfont*{subsection in toc}{size=\small}
256 \setbeamerfont*{subsection in toc shaded}{parent=subsection in toc}
257 \setbeamerfont*{subsubsection in toc}{size=\footnotesize}
258 \setbeamerfont*{subsubsection in toc shaded}{parent=subsubsection in toc}

```

Small caps for the caption name, italics for the caption content:

```

259 \setbeamerfont*{caption}{size=\small, shape=\itshape}
260 \setbeamerfont*{caption name}{parent={structure}, size=\small, shape=\scshape}

```

Use \tiny button captions:

```

261 \setbeamerfont*{button}{size=\tiny}

```

Use small caps for block titles and the normal font for block bodies:

```

262 \setbeamerfont*{block title}%
263   {parent={structure,block body}, size=\large, shape=\scshape}
264 \setbeamerfont*{block body}{ }

```

```

265 \setbeamerfont*{block body example}{}
266 \setbeamerfont*{block title example}{parent={block title,example text}}
267 \setbeamerfont*{block title alerted}{parent={block title,alerted text}}
268 \setbeamerfont*{block body alerted}{}

```

Use italics for enumerate items:

```

269 \setbeamerfont*{item}{parent=structure}
270 \setbeamerfont*{itemize item}{parent=item}
271 \setbeamerfont*{enumerate item}{shape=\itshape, parent=item}
272 \setbeamerfont*{itemize/enumerate body}{}

```

Apply the items' font settings to subitems:

```

273 \setbeamerfont*{subitem}{parent=item}
274 \setbeamerfont*{itemize subitem}{parent=subitem}
275 \setbeamerfont*{enumerate subitem}{shape=\itshape, parent=subitem}
276 \setbeamerfont*{itemize/enumerate subbody}{size=\small}

```

Apply the subitems' font settings to subsubitems:

```

277 \setbeamerfont*{subsubitem}{parent=subitem}
278 \setbeamerfont*{itemize subsubitem}{parent=subsubitem}
279 \setbeamerfont*{enumerate subsubitem}{shape=\itshape, parent=subsubitem}
280 \setbeamerfont*{itemize/enumerate subsubbody}{size=\footnotesize}

```

Use a bold font for description items:

```

281 \setbeamerfont*{description item}{series=\bfseries, parent=item}

```

Color theme

Define a set of basic colors:

```

282 \definecolor{MWGRed}{RGB}{100,29,27}
283 \definecolor{MWGGreen}{RGB}{166,214,35}
284 \definecolor{MWGGrey}{RGB}{80,80,80}

```

Set up the basic color scheme:

```

285 \setbeamercolor{normal text}{fg=black,bg=white}
286 \setbeamercolor{alerted text}{fg=red}
287 \setbeamercolor{example text}{fg=green!50!black}

```

Use MWGRed for structure items:

```

288 \setbeamercolor{structure}{fg=MWGRed}
289 \setbeamercolor{local structure}{parent=structure}

```

Define the color palette:

```

290 \setbeamercolor*{palette primary}{fg=white,bg=MWGRed}
291 \setbeamercolor*{palette secondary}{fg=black,bg=MWGGreen}
292 \setbeamercolor*{palette tertiary}{fg=black,bg=MWGGrey}
293 \setbeamercolor*{palette quaternary}{fg=black,bg=white}

```

Use the normal text color for text on the title frame:

```
294 \setbeamercolor*{title}{parent=normal text}
295 \setbeamercolor*{author}{parent=normal text}
296 \setbeamercolor*{institute}{parent=normal text}
297 \setbeamercolor*{titlegraphic}{parent=normal text}
```

Apply the primary colors to the navigation bar (headline) and footline:

```
298 \setbeamercolor*{section in head/foot}{parent=palette primary}
299 \setbeamercolor*{footline}{parent=palette primary}
```

Set up the colors used in the Table of Contents:

```
300 \setbeamercolor*{section in toc}{parent=structure}
301 \setbeamercolor*{section in toc shaded}{parent=section in toc}
302 \setbeamercolor*{section number projected}{parent=item projected}
303 \setbeamercolor*{subsection in toc}{parent=structure}
304 \setbeamercolor*{subsection in toc shaded}{parent=subsection in toc}
305 \setbeamercolor*{subsection number projected}{parent=subitem projected}
306 \setbeamercolor*{subsubsection in toc}{parent=subsection in toc}
307 \setbeamercolor*{subsubsection in toc shaded}{parent=subsubsection in toc}
308 \setbeamercolor*{subsubsection number projected}{parent=subsubitem projected}
```

Apply the structure color template to the logo:

```
309 \setbeamercolor*{logo}{parent=structure}
```

Apply the primary colors to frametitle and -subtitle:

```
310 \setbeamercolor*{frametitle}{parent=palette primary}
311 \setbeamercolor*{framesubtitle}{parent=palette primary}
```

Use the structure color for footnotes:

```
312 \setbeamercolor*{footnote}{parent=structure}
313 \setbeamercolor*{footnote mark}{fg=structure}
```

Apply the structure color to the caption name, but not to the caption itself:

```
314 \setbeamercolor*{caption}{parent=structure}
315 \setbeamercolor*{caption name}{fg=structure}
```

Let the button color depend on the local structure's color:

```
316 \setbeamercolor*{button}{use=local structure,bg=local structure.fg!50!bg,fg=white}
317 \setbeamercolor*{button border}{use=button,fg=button.bg}
```

Use a lighter MWGRed for the navigation symbols:

```
318 \setbeamercolor*{navigation symbols}{fg=MWGRed!40!bg}
319 \setbeamercolor*{navigation symbols dimmed}{fg=MWGRed!40!bg}
```

Let the color of the blocks depend on the primary palette color, example text color and alert text color:

```
320 \setbeamercolor*{block title}{parent=palette primary}
321 \setbeamercolor*{block body}{parent=normal text, use=block title, bg=block title.bg!20!bg}
322 \setbeamercolor*{block title alerted}{parent=palette primary}
```

```

324 {use=alerted text, fg=white, bg=alerted text.fg!85!black!80!white}
325 \setbeamercolor*{block body alerted}%
326 {parent=normal text, use=block title alerted, bg=block title alerted.bg!20!bg}
327 \setbeamercolor*{block title example}{parent=palette secondary}
328 \setbeamercolor*{block body example}%
329 {parent=normal text, use=block title example, bg=block title example.bg!20!bg}

```

Let the items' color depend on the local structure's color:

```

330 \setbeamercolor*{item}{parent=local structure}
331 \setbeamercolor*{item projected}{parent=item, use=item, fg=white, bg=item.fg}
332 \setbeamercolor*{enumerate item}{parent=item}
333 \setbeamercolor*{itemize item}{parent=item}
334 \setbeamercolor*{itemize/enumerate body}{}

```

Apply the items' color to the subitems:

```

335 \setbeamercolor*{subitem}{parent=item}
336 \setbeamercolor*{subitem projected}{parent=item projected}
337 \setbeamercolor*{enumerate subitem}{parent=subitem}
338 \setbeamercolor*{itemize subitem}{parent=subitem}
339 \setbeamercolor*{itemize/enumerate subbody}{}

```

Apply the subitems' color to the subsubitems:

```

340 \setbeamercolor*{subsubitem}{parent=subitem}
341 \setbeamercolor*{subsubitem projected}{parent=subitem projected}
342 \setbeamercolor*{enumerate subsubitem}{parent=subsubitem}
343 \setbeamercolor*{itemize subsubitem}{parent=subsubitem}
344 \setbeamercolor*{itemize/enumerate subsubbody}{}

```

Apply the item's color to description items:

```

345 \setbeamercolor*{description item}{parent=item}

```

Use different tints of MWGRed for the bibliography:

```

346 \setbeamercolor*{bibliography item}{parent=item}
347 \setbeamercolor*{bibliography entry author}{fg=MWGRed}
348 \setbeamercolor*{bibliography entry title}{use=normal text}
349 \setbeamercolor*{bibliography entry location}{fg=MWGRed!65!bg}
350 \setbeamercolor*{bibliography entry note}{fg=MWGRed!65!bg}

```

Use MWGRed for the separation line:

```

351 \setbeamercolor*{separation line}{fg=MWGRed}

```

Use MWGRed for the abstract's title:

```

352 \setbeamercolor*{abstract}{}
353 \setbeamercolor*{abstract title}{parent=MWGRed}

```

Use no special color for verses:

```

354 \setbeamercolor*{verse}{}

```

Use no special colors for quotes:

```

355 \setbeamercolor*{quotation}{}
356 \setbeamercolor*{quote}{parent=quotation}

```

Use MWGRed for the qed symbol:

```
357 \setbeamercolor*{qed symbol}{fg=MWGRed}
```

Intelligent commands for inserting structure frames

`\maketitle` Create an extra frame without a frame number displayed if `\maketitle` is used outside of a frame

```
358 \def\maketitle{%
359   \ifbeamer@inframe\titlepage%
360   \else%
361     \beamer@showframenrsfalse%
362     \frame{\titlepage}%
363     \beamer@showframenrstrue%
364   \fi}
```

`\partframe` Behaves like `\partpage`, but creates an extra frame not counted into the (total) number of frames if `\partframe` is used outside of a frame

```
365 \newcommand{\partframe}{%
366   \ifbeamer@inframe\partpage%
367   \else%
368     \frame{\partpage}%
369     \addtocounter{framenum}{-1}%
370   \fi}
```

`\sectionframe` Behaves like `\sectionpage`, but creates an extra frame not counted into the (total) number of frames if `\sectionframe` is used outside of a frame

```
371 \newcommand{\sectionframe}{%
372   \ifbeamer@inframe\sectionpage%
373   \else%
374     \frame{\sectionpage}%
375     \addtocounter{framenum}{-1}%
376   \fi}
```

`\subsectionframe` Behaves like `\subsectionpage`, but creates an extra frame not counted into the (total) number of frames if `\subsectionframe` is used outside of a frame

```
377 \newcommand{\subsectionframe}{%
378   \ifbeamer@inframe\subsectionpage%
379   \else%
380     \frame{\subsectionpage}%
381     \addtocounter{framenum}{-1}%
382   \fi}
```

Commands influencing the class' behavior

<code>\activatepartframes</code>	Activate insertion of part frames at the beginning of a part 383 <code>\newcommand{\activatepartframes}{\AtBeginPart{\partframe}}</code>
<code>\deactivatepartframes</code>	Deactivate insertion of part frames at the beginning of a part 384 <code>\newcommand{\deactivatepartframes}{\AtBeginPart{}}</code>
<code>\activatesectionframes</code>	Activate insertion of section frames at the beginning of a section 385 <code>\newcommand{\activatesectionframes}{\AtBeginSection{\sectionframe}}</code>
<code>\deactivatesectionframes</code>	Deactivate insertion of section frames at the beginning of a section 386 <code>\newcommand{\deactivatesectionframes}{\AtBeginSection{}}</code>
<code>\activatesubsectionframes</code>	Activate insertion of subsection frames at the beginning of a subsection 387 <code>\newcommand{\activatesubsectionframes}{\AtBeginSubsection{\subsectionframe}}</code>
<code>\deactivatesubsectionframes</code>	Deactivate insertion of subsection frames at the beginning of a subsection 388 <code>\newcommand{\deactivatesubsectionframes}{\AtBeginSubsection{}}</code>

TODO: Enable switching between showtoc/hidetoc

Famous last words

The theme is loaded completely, so leave presentation mode and stop collecting input.

```
389 \mode<all>
390 \endinput
```