

*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<sup>A</sup>T<sub>E</sub>X stuff has to be documented ...

## Part I

# The code

I'm currently wrapping macrocode environments around my code; so if the line below is *not* commented,  $\LaTeX$  may throw up if I f\*\*\*ed up something ;)

### Initialisation

Provide some information about the class:

```
1 \ProvidesClass{InformatikMWGBeamer}%  
2 [2018/04/03 v0.0 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 2018/04/03 v0.0}  
7 \typeout{}  
8 \typeout{(c) 2018 Sebastian Friedl}  
9 \typeout{Licensed under LPPL 1.3c or later}  
10 \typeout{=====}  
11 \typeout{}
```

Require  $\LaTeX 2_{\epsilon}$ . 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\if@informatikmwgbearer@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 \if@informatikmwgbearer@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  $X_{\LaTeX}$  or  $\text{Lua}\LaTeX$  is used:

```
24 \if@informatikmwgbearer@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  $\epsilon$ -TeX commands.

**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{tikz}
40   \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:

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

## Fonts

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

```
42 \if@informatikmwgbeamer@xeorluatex
```

X<sub>Y</sub>LaTeX and LuaLaTeX: Require fontspec and load the OpenType fonts

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

Disable fontspec's commands for switching fonts:

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

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

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

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

```
59 \usepackage{newtxsf}
```

## Class options

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

```
60 \newif\ifbeamer@draft
61 \beamer@draftfalse
62 \DeclareOptionBeamer{draft}{\beamer@drafttrue}
```

Define a noheadline option to be used when a table of contents is not necessary

```
63 \newif\ifbeamer@showheadline
64 \beamer@showheadlinetrue
65 \DeclareOptionBeamer{noheadline}{\beamer@showheadlinefalse}
```

Processes the options passed to the class

```
66 \ProcessOptionsBeamer
```

## Stuff not converted to docstrip yet

It may require some additional time until the following code has been properly converted to something docstrip-friendly.

Please stay patient.

```
67 % APPENDIX SETTINGS -----
68
69 % Changes the frame numbering to "Appendix" when the command \appendix is used
```

```

70 \AtBeginDocument{\apptocmd{\appendix}{%
71   \setbeamertemplate{frame numbering}[none] % No frame numbers for the separation
72   \ifbeamer@showheadline \setbeamertemplate{mwgheadline}[notoc] \fi % No navigation in the headlines -- if
73   \setbeamertemplate{part page}[appendix] % Removes the counter from the part fr
74   \frame{\partpage} % Inserts a separation frame
75   \addtocounter{framenum}{-1}
76   \setbeamertemplate{frame numbering}[appendix]}{}{} % Frame numbering for appendix slides
77 }
78
79
80
81 % INNERSTYLING I (Itemizations, enumerations, table of contents) -----
82
83 % Resets the style of all items
84 \setbeamertemplate{items}[default]
85
86 % Templates used for itemizations
87 \setbeamertemplate{itemize item}[default]
88 \setbeamertemplate{itemize subitem}{--}
89 \setbeamertemplate{itemize subsubitem}[circle]
90
91 % Table of contents
92 \setbeamertemplate{sections/subsections in toc}[square]
93
94 % "Normal" bibliography items
95 \setbeamertemplate{bibliography item}{\insertbiblabel}
96
97
98
99 % INNERSTYLING II (Title & stucture frames) -----
100
101 % Title frame layout
102 \defbeamertemplate*{title page}{MWG}{%
103   \ifx\insertframetitle\empty \frametitle{~} \fi
104
105   \begin{tikzpicture}[remember picture, overlay]
106     % Presentation title
107     \draw (current page.west) ++(2em, 0.6em) node[anchor=base west, align=left]%
108       {\usebeamerfont*{title}\usebeamerfont*{title}\ifx\inserttitle\empty\else\inserttitle\fi}%
109       \ifx\inserttitle\empty\else \ifx\insertsubtitle\empty\else \fi\fi%
110       {\usebeamerfont*{subtitle}\usebeamerfont*{subtitle}\ifx\insertsubtitle\empty\else\insertsubt
111
112     % Separation line
113     \draw[MWGRed, very thick] (current page.west) ++(2.2em,0) -- ++(.5\textwidth,0) coordinate (startfadin
114     \draw[MWGRed, very thick, path fading=east] (startfading) -- (current page.east);
115
116     % Author & institute

```

```

117     \draw (current page.west) ++(2em, -0.3em) node[anchor=north west, align=left]%
118         {{\usebeamerfont*{author}\usebeamercolor*{author}\ifx\beamer@shortauthor\empty\else\insertauthor\
119         {\usebeamerfont*{institute}\usebeamercolor*{institute}\ifx\insertinstitute\empty\else\inserti
120         \ifx\insertinstitute\empty\else \ifx\insertdate\empty\else \[\smallskipamount] \fi\fi%
121         {\usebeamerfont*{date}\usebeamercolor*{date}\ifx\insertdate\empty\else\insertdate\fi}};
122     \end{tikzpicture}}
123
124 % Part frame layout
125 \defbeamertemplate*{part page}{MWG}{%
126     \ifx\insertframetitle\empty \frametitle{~} \fi
127
128     \begin{tikzpicture}[remember picture, overlay]
129         % Part title
130         \draw (current page.west) ++(2em, 0.6em) node[anchor=base west, align=left]%
131             {\usebeamerfont*{part title}\usebeamercolor*{title}\insertromanpartnumber.~ \insertpart};
132
133         % Separation line
134         \draw[MWGRed, very thick] (current page.west) ++(2.2em,0) -- ++(.5\textwidth,0) coordinate (startfading);
135         \draw[MWGRed, very thick, path fading=east] (startfading) -- (current page.east);
136     \end{tikzpicture}}
137
138 % Section frame layout
139 \defbeamertemplate*{section page}{MWG}{%
140     \ifx\insertframetitle\empty \frametitle{~} \fi
141
142     \begin{tikzpicture}[remember picture, overlay]
143         % Section title
144         \draw (current page.west) ++(2em, 0.6em) node[anchor=base west, align=left]%
145             {\usebeamerfont*{section title}\usebeamercolor*{title}\thesection.~ \insertsection};
146
147         % Separation line
148         \draw[MWGRed, very thick] (current page.west) ++(2.2em,0) -- ++(.5\textwidth,0) coordinate (startfading);
149         \draw[MWGRed, very thick, path fading=east] (startfading) -- (current page.east);
150     \end{tikzpicture}}
151
152 % Subsection frame layout
153 \defbeamertemplate*{subsection page}{MWG}{%
154     \ifx\insertframetitle\empty \frametitle{~} \fi
155
156     \begin{tikzpicture}[remember picture, overlay]
157         % Section title
158         \draw (current page.west) ++(2em, 0.6em) node[anchor=base west, align=left]%
159             {\usebeamerfont*{section title}\usebeamercolor*{title}\thesection.~ \insertsection};
160
161         % Separation line
162         \draw[MWGRed, very thick] (current page.west) ++(2.2em,0) -- ++(.5\textwidth,0) coordinate (startfading);
163         \draw[MWGRed, very thick, path fading=east] (startfading) -- (current page.east);

```

```

164
165     % Subsection title
166     \draw (current page.west) ++(2em, -0.3em) node[anchor=north west, align=left]%
167         {\usebeamerfont*{subsection title}\usebeamercolor*{title}\thesection.\thesubsection~ \insertsubsection}
168     \end{tikzpicture}}
169
170 % Appendix part frame layout
171 \defbeamertemplate{part page}{appendix}{%
172     \ifx\insertframetitle\empty \frametitle{~} \fi
173
174     \begin{tikzpicture}[remember picture, overlay]
175         % "Appendix" label
176         \draw (current page.west) ++(2em, 0.6em) node[anchor=base west, align=left]%
177             {\usebeamerfont*{part title}\usebeamercolor*{title}\insertpart};
178
179         % Separation line
180         \draw[MWGRed, very thick] (current page.west) ++(2.2em,0) -- ++(.5\textwidth,0) coordinate (startfading);
181         \draw[MWGRed, very thick, path fading=east] (startfading) -- (current page.east);
182     \end{tikzpicture}}
183
184
185
186 % OUTERSTYLING (Frame layout) -----
187
188 % Activates the "compress" option; this results in miniframes being shown in the same row
189 \beamer@compresstrue
190
191 % Defines the basic headline style
192 \defbeamertemplate*{headline}{informatikmwg}{\begin{beamercolorbox}[ht=2.75ex,dp=1.125ex]{section in head/footer}
193     \insertsectionnavigationhorizontal{\linewidth}{\hskip0pt plus1filll}%
194 \end{beamercolorbox}}
195
196 % Decides which style to use -- depending, whether the "notoc" or "noheadline" option has been passed to the t
197 \ifbeamer@showheadline\else\setbeamertemplate{headline}{}\fi
198
199
200 % Template for framenumbers:
201 % none          no framenumbers are shown (not recommended!)
202 % counter       a simple frame counter (Example: 1)
203 % fraction      framenumbers are shown as current frame / total frames (Example: 1 / 10)
204 % appendix      An "Appendix" remark instead of frame numbers on appendix frames
205 \defbeamertemplate{frame numbering}{none}{}
206 \defbeamertemplate{frame numbering}{counter}{\insertframenumber}
207 \defbeamertemplate{frame numbering}{fraction}{\insertframenumber\ / \inserttotalframenumber}
208 \defbeamertemplate{frame numbering}{appendix}{\appendixname}
209
210 % Selects default template: current frame / total frames

```

```

211 \setbeamertemplate{frame numbering}[fraction]
212
213
214
215 % The footline template, currently without logo
216 \defbeamertemplate*{footline}{InformatikMWG}{%
217   \begin{beamercolorbox}[wd=\paperwidth,ht=2.75ex,dp=.5ex,leftskip=10ex,rightskip=3ex]{footline}
218     \usebeamerfont*{meta information}
219     \insertshortinstitute
220     \hfill {\usebeamerfont{frame number} \usebeamertemplate{frame numbering}}
221   \end{beamercolorbox}
222   \begin{beamercolorbox}[wd=\paperwidth,ht=2.75ex,dp=1.125ex,leftskip=10ex,rightskip=3ex]{footline}
223     \usebeamerfont*{meta information}
224     \insertshortauthor
225     \ifx\beamer@shortauthor\@empty\else\ifx\beamer@shorttitle\@empty\else
226       :\quad%
227     \fi\fi
228     \insertshorttitle
229     \hfill \ifx\insertshortdate\@empty\else \insertshortdate \fi
230   \end{beamercolorbox}
231   \ifbeamer@draft\else% TODO: Logo
232   \fi
233 }
234
235 % Remove the logo from the right sidebar
236 \defbeamertemplate*{sidebar right}{InformatikMWG}{%
237   \vfill%
238   \llap{\usebeamertemplate***{navigation symbols}\hskip0.1cm}%
239   \vskip2pt%
240 }
241
242
243
244
245 % FONT THEME PART -----
246
247 % Title frame
248 \setbeamerfont*{title}{size=\Large, series=\bfseries, shape=\scshape}
249 \setbeamerfont*{subtitle}{family=\sfseries}
250 \setbeamerfont*{author}{size=\small}
251 \setbeamerfont*{institute}{size=\small}
252 \setbeamerfont*{date}{size=\small}
253
254 % Frame title & subtitle
255 \setbeamerfont*{frametitle}{size=\Large, series=\bfseries, parent=structure}
256 \setbeamerfont*{framesubtitle}{size=\footnotesize}
257

```



```

258 % Footline
259 \setbeamerfont*{meta information}{shape=\scshape}
260 \setbeamerfont*{frame number}{size=\tiny, shape=\scshape}
261
262 % Font styles for part pages
263 \setbeamerfont*{part name}{size=\LARGE, series=\bfseries, shape=\scshape}
264 \setbeamerfont*{part title}{size=\LARGE, series=\bfseries, shape=\scshape}
265
266 % Font styles for section pages
267 \setbeamerfont*{section name}{size=\Large, shape=\scshape}
268 \setbeamerfont*{section title}{size=\Large, shape=\scshape}
269
270 % Font styles for subsection pages
271 \setbeamerfont*{subsection name}{size=\large, shape=\itshape}
272 \setbeamerfont*{subsection title}{size=\large, shape=\itshape}
273
274 % Font styles for table of contents
275 \setbeamerfont*{section number projected}%
276     {size=\small, parent={section in toc,projected text}}
277 \setbeamerfont*{section in toc}{parent=structure, size=\large, shape=\scshape}
278 \setbeamerfont*{section in toc shaded}{parent=section in toc}
279 \setbeamerfont*{subsection in toc}{size=\small}
280 \setbeamerfont*{subsection in toc shaded}{parent=subsection in toc}
281 \setbeamerfont*{subsubsection in toc}{size=\footnotesize}
282 \setbeamerfont*{subsubsection in toc shaded}{parent=subsubsection in toc}
283
284 \setbeamerfont*{section in head/foot}{size=\tiny}
285
286 % Caption styles
287 \setbeamerfont*{caption}{size=\small, shape=\itshape}
288 \setbeamerfont*{caption name}{parent={structure}, size=\small, shape=\scshape}
289
290 % Button styles
291 \setbeamerfont*{button}{size=\tiny}
292
293 % Block styles
294 \setbeamerfont*{block title}%
295     {parent={structure,block body}, size=\large, shape=\scshape}
296 \setbeamerfont*{block body}{}
297
298 % Example block styles
299 \setbeamerfont*{block body example}{}
300 \setbeamerfont*{block title example}{parent={block title,example text}}
301
302 % Alert block styles
303 \setbeamerfont*{block title alerted}{parent={block title>alerted text}}
304 \setbeamerfont*{block body alerted}{}

```

```

305
306 % Item styles
307 \setbeamerfont*{item}{parent=structure}
308 \setbeamerfont*{itemize item}{parent=item}
309 \setbeamerfont*{enumerate item}{shape=\itshape, parent=item}
310 \setbeamerfont*{itemize/enumerate body}{}
311
312 % Subitem styles
313 \setbeamerfont*{subitem}{parent=item}
314 \setbeamerfont*{itemize subitem}{parent=subitem}
315 \setbeamerfont*{enumerate subitem}{shape=\itshape, parent=subitem}
316 \setbeamerfont*{itemize/enumerate subbody}{size=\small}
317
318 % Subsubitem styles
319 \setbeamerfont*{subsubitem}{parent=subitem}
320 \setbeamerfont*{itemize subsubitem}{parent=subsubitem}
321 \setbeamerfont*{enumerate subsubitem}{shape=\itshape, parent=subsubitem}
322 \setbeamerfont*{itemize/enumerate subsubbody}{size=\footnotesize}
323
324 % Description item styles
325 \setbeamerfont*{description item}{series=\bfseries, parent=item}
326

```

## Color theme

Define a set of basic colors:

```

327 \definecolor{MWGRed}{RGB}{100,29,27}
328 \definecolor{MWGGreen}{RGB}{166,214,35}
329 \definecolor{MWGGrey}{RGB}{80,80,80}

```

Set up the basic color scheme:

```

330 \setbeamercolor{normal text}{fg=black,bg=white}
331 \setbeamercolor{alerted text}{fg=red}
332 \setbeamercolor{example text}{fg=green!50!black}

```

Use MWGRed for structure items:

```

333 \setbeamercolor{structure}{fg=MWGRed}
334 \setbeamercolor{local structure}{parent=structure}

```

Define the color palette:

```

335 \setbeamercolor*{palette primary}{fg=white,bg=MWGRed}
336 \setbeamercolor*{palette secondary}{fg=black,bg=MWGGreen}
337 \setbeamercolor*{palette tertiary}{fg=black,bg=MWGGrey}
338 \setbeamercolor*{palette quaternary}{fg=black,bg=white}

```

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

```

339 \setbeamercolor*{title}{parent=normal text}
340 \setbeamercolor*{author}{parent=normal text}

```

```

341 \setbeamercolor*{institute}{parent=normal text}
342 \setbeamercolor*{titlegraphic}{parent=normal text}

```

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

```

343 \setbeamercolor*{section in head/foot}{parent=palette primary}
344 \setbeamercolor*{footline}{parent=palette primary}

```

Set up the colors used in the table of contents:

```

345 \setbeamercolor*{section in toc}{parent=structure}
346 \setbeamercolor*{section in toc shaded}{parent=section in toc}
347 \setbeamercolor*{section number projected}{parent=item projected}
348 \setbeamercolor*{subsection in toc}{}
349 \setbeamercolor*{subsection in toc shaded}{parent=subsection in toc}
350 \setbeamercolor*{subsection number projected}{parent={subitem projected}}
351 \setbeamercolor*{subsubsection in toc}{parent=subsection in toc}
352 \setbeamercolor*{subsubsection in toc shaded}{parent=subsubsection in toc}
353 \setbeamercolor*{subsubsection number projected}{parent=subsubitem projected}

```

Apply the structure color template to the logo:

```

354 \setbeamercolor*{logo}{parent=structure}

```

Apply the primary colors to frametitle and -subtitle:

```

355 \setbeamercolor*{frametitle}{parent=palette primary}
356 \setbeamercolor*{framesubtitle}{parent=palette primary}

```

Use the structure color for footnotes:

```

357 \setbeamercolor*{footnote}{parent=structure}
358 \setbeamercolor*{footnote mark}{fg=.}

```

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

```

359 \setbeamercolor*{caption}{}
360 \setbeamercolor*{caption name}{fg=structure}

```

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

```

361 \setbeamercolor*{button}{use=local structure,bg=local structure.fg!50!bg,fg=white}
362 \setbeamercolor*{button border}{use=button,fg=button.bg}

```

Use a lighter MWGRed for the navigation symbols:

```

363 \setbeamercolor*{navigation symbols}{fg=MWGRed!40!bg}
364 \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:

```

365 \setbeamercolor*{block title}{parent=palette primary}
366 \setbeamercolor*{block body}%
367   {parent=normal text, use=block title, bg=block title.bg!20!bg}
368 \setbeamercolor*{block title alerted}%
369   {use=alerted text, fg=white, bg=alerted text.fg!85!black!80!white}
370 \setbeamercolor*{block body alerted}%
371   {parent=normal text, use=block title alerted, bg=block title alerted.bg!20!bg}
372 \setbeamercolor*{block title example}{parent=palette secondary}

```

```

373 \setbeamercolor*{block body example}%
374 {parent=normal text, use=block title example, bg=block title example.bg!20!bg}

```

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

```

375 \setbeamercolor*{item}{parent=local structure}
376 \setbeamercolor*{item projected}{parent=item,use=item,fg=white,bg=item.fg}
377 \setbeamercolor*{enumerate item}{parent=item}
378 \setbeamercolor*{itemize item}{parent=item}
379 \setbeamercolor*{itemize/enumerate body}{}

```

Apply the items' color to the subitems:

```

380 \setbeamercolor*{subitem}{parent=item}
381 \setbeamercolor*{subitem projected}{parent=item projected}
382 \setbeamercolor*{enumerate subitem}{parent=subitem}
383 \setbeamercolor*{itemize subitem}{parent=subitem}
384 \setbeamercolor*{itemize/enumerate subbody}{}

```

Apply the subitems' color to the subsubitems:

```

385 \setbeamercolor*{subsubitem}{parent=subitem}
386 \setbeamercolor*{subsubitem projected}{parent=subitem projected}
387 \setbeamercolor*{enumerate subsubitem}{parent=subsubitem}
388 \setbeamercolor*{itemize subsubitem}{parent=subsubitem}
389 \setbeamercolor*{itemize/enumerate subsubbody}{}

```

Apply the item's color to description items:

```

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

```

Use different tints of MWGRed for the bibliography:

```

391 \setbeamercolor*{bibliography item}{parent=item}
392 \setbeamercolor*{bibliography entry author}{fg=MWGRed}
393 \setbeamercolor*{bibliography entry title}{use=normal text}
394 \setbeamercolor*{bibliography entry location}{fg=MWGRed!65!bg}
395 \setbeamercolor*{bibliography entry note}{fg=MWGRed!65!bg}

```

Use MWGRed for the separation line:

```

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

```

Use MWGRed for the abstract's title:

```

397 \setbeamercolor*{abstract}{}
398 \setbeamercolor*{abstract title}{parent=MWGRed}

```

Use no special color for verses:

```

399 \setbeamercolor*{verse}{}

```

Use no special colors for quotes:

```

400 \setbeamercolor*{quotation}{}
401 \setbeamercolor*{quote}{parent=quotation}

```

Use MWGRed for the qed symbol:

```

402 \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

```
403 \def\maketitle{%
404   \ifbeamer@inframe\titlepage%
405   \else%
406     \setbeamertemplate{frame numbering}[none]%
407     \frame{\titlepage}%
408     \setbeamertemplate{frame numbering}[fraction]%
409   \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

```
410 \newcommand{\partframe}{%
411   \ifbeamer@inframe\partpage%
412   \else%
413     \frame{\partpage}%
414     \addtocounter{framenum}{-1}%
415   \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

```
416 \newcommand{\sectionframe}{%
417   \ifbeamer@inframe\sectionpage%
418   \else%
419     \frame{\sectionpage}%
420     \addtocounter{framenum}{-1}%
421   \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

```
422 \newcommand{\subsectionframe}{%
423   \ifbeamer@inframe\subsectionpage%
424   \else%
425     \frame{\subsectionpage}%
426     \addtocounter{framenum}{-1}%
427   \fi}
```

## Commands influencing the class' behavior

`\activatepartframes` Activate insertion of part frames at the beginning of a part

```
428 \newcommand{\activatepartframes}{\AtBeginPart{\partframe}}
```

`\deactivatepartframes` Deactivate insertion of part frames at the beginning of a part

```
429 \newcommand{\deactivatepartframes}{\AtBeginPart{}}
```

`\activatesectionframes`    Activate insertion of section frames at the beginning of a section  
430 `\newcommand{\activatesectionframes}{\AtBeginSection{\sectionframe}}`

`\deactivatesectionframes`    Deactivate insertion of section frames at the beginning of a section  
431 `\newcommand{\deactivatesectionframes}{\AtBeginSection{}}`

`\activatesubsectionframes`    Activate insertion of subsection frames at the beginning of a subsection  
432 `\newcommand{\activatesubsectionframes}{\AtBeginSubsection{\subsectionframe}}`

`\deactivatesubsectionframes`    Deactivate insertion of subsection frames at the beginning of a subsection  
433 `\newcommand{\deactivatesubsectionframes}{\AtBeginSubsection{}}`

### **Famous last words**

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

434 `\mode<all>`  
435 `\endinput`