

1 Commands description for users

```

1 <{*font}
2 \ProvidesExplPackage{beamerfontthemegotham}{2025-12-25}{1.2.4.a}{gotham font theme}
3 \RequirePackage{expl3}
4 % \RequirePackage{xparse}
5 % \RequirePackage{etoolbox}
6 \RequirePackage{ifxetex}
7 \RequirePackage{ifluatex}

```

FONT

font_messages Definition of the messages that are used and reused by font theme.

```

8 \msg_new:nnn { gotham } { font-not-found }
9 {
10   Could-not-find-font~'#1'.\c_space_tl
11 }
12
13 \msg_new:nnn { gotham } { fonts-not-available }
14 {
15   No-suitable-fonts-found.~Using-fallback-fonts.
16 }
17
18 \msg_new:nnn { gotham } { compiler-xe-or-lua }
19 {
20   You-need-to-compile-with~XeLaTeX-or~LuaLaTeX-to-use-the~Fira-fonts.
21 }

```

(End of definition for font messages. This variable is documented on page ??.)

\g_gotham_fontsnotfound_int:n Counter for the number of font not found.

```

22 \int_new:N \g_gotham_fontsnotfound_int

```

(End of definition for \g_gotham_fontsnotfound_int:n. This variable is documented on page ??.)

\checkfont:n #1 : Name of the font.

Command to check if one font exist.

The following test files are used for this code: gotham-test-035.

```

23 \cs_new_protected:Nn \checkfont:n
24 {
25   \fontspec_font_if_exist:nF { #1 }
26   {
27     % false: check with regular postfix.
28     \fontspec_font_if_exist:nF { #1-Regular }
29     {
30       % false: raise a warning and increment the number of font not found.
31       \int_incr:N \g_gotham_fontsnotfound_int
32       \msg_warning:nnn { gotham } { font-not-found } { #1 }
33     }
34   }
35 }

```

`\iffontsavailable` Command to check if a list of font is available.

The following test files are used for this code: gotham-test-035.

```
36 \providecommand{\iffontsavailable}[3]
37 {
38   \int_zero:N \g_gotham_fontsnotfound_int
39   \clist_map_function:nN { #1 } \checkfont:n
40   \int_compare:nTF { \g_gotham_fontsnotfound_int = 0 }
41   {
42     % True
43     #2
44   }{
45     % False
46     #3
47   }
48 }
```

`Load_fonts_if_available` If fontspec is loadable (ie. if xelatex or lualatex), then load available fonts, otherwise raise a warning and go on.

The following test files are used for this code: gotham-test-035.

```
49 \ifboolexpr{bool~{xetex}~or~bool~{luatex}}{
50   % if fontspec loaded pass option otherwise load fontspec.
51   \@ifpackageloaded{fontspec}{
52     \PassOptionsToPackage{no-math}{fontspec}
53   }{
54     \RequirePackage[no-math]{fontspec}
55   }
56   %
57   % We search for regular, italic, light, light italic, fonts under the default |Fira Sans|
58   \iffontsavailable{FiraSans-Light.otf,
59     FiraSans-LightItalic.otf,
60     FiraSans-Regular.otf,
61     FiraSans-Italic.otf}
62   {
63     \setsansfont[ItalicFont={FiraSans-LightItalic.otf},
64       BoldFont={FiraSans-Regular.otf},
65       BoldItalicFont={FiraSans-Italic.otf}]
66     {FiraSans-Light.otf}
67     % Latin Modern Typewriter
68     \renewcommand{\ttdefault}{lmtt}
69   }{
70     % If this fails, the suffix OT --- used by some Linux distributions --- will be tried.
71     \iffontsavailable{FiraSans-Light-OT,
72       FiraSans-LightItalic-OT,
73       FiraSans-Regular-OT,
74       FiraSans-Italic-OT}
75     {
76       \setsansfont[ItalicFont={Fira-Sans-LightItalic-OT},
77         BoldFont={Fira-Sans-Regular-OT},
78         BoldItalicFont={Fira-Sans-Italic-OT}]
79       {Fira-Sans-Light-OT}
80       % Latin Modern Typewriter
```

```

81 \renewcommand{\ttdefault}{lmtt}
82 }{
83 % If this also fails, a warning will be displayed and the standard fonts will be used.
84 \msg_warning:nn { gotham } { fonts-not-available }
85 }
86 }
87 %
88 % We search for regular, mono, and mono bold fonts under the default |Fira Mono| names.
89 \iffontsavailable{FiraMono-Medium.otf, FiraMono-Bold.otf}{
90 \setmonofont[BoldFont={FiraMono-Medium.otf}]{FiraMono-Bold.otf}
91 }{
92 % If this fails, the suffix OT --- used by some Linux distributions --- will be tried.
93 \iffontsavailable{Fira-Mono-Medium-OT, Fira-Mono-Bold-OT}{
94 \setmonofont[BoldFont={Fira-Mono-Medium-OT}]{Fira-Mono-Bold-OT}
95 \renewcommand{\ttdefault}{lmtt} % Latin Modern Typewriter
96 }{
97 % If this also fails, a warning will be displayed and the standard fonts will be used.
98 \msg_warning:nn { gotham } { fonts-not-available }
99 }
100 }
101 %
102 % Add a feature for numbers in tables.
103 \AtBeginEnvironment{tabular}{
104 \addfontfeature{Numbers={Monospaced}}
105 }
106 }{
107 % If compiled with pdf\LaTeX{}, then apply a dirty patch (that will not do the job but suppress
108 \msg_warning:nn { gotham } { compiler-xe-or-lua }
109 \DeclareFontShape{OT1}{cmss}{bx}{sc}{<-> cmbcsc10}{
110 \DeclareFontShape{OT1}{cmss}{bx}{it}{<-> sub*cmss/m/sl}{
111 }

```

(End of definition for Load fonts if available. This function is documented on page ??.)

`\setbeamerfont{title}` Set all needed font environment variables:shape, size, series. Remark: Case is missing.
`general_font_definitions` The following test files are used for this code: *gotham-test-035*, *gotham-test-036*.

```

112 \setbeamerfont{title}{size=\Large, series=\bfseries}
113 \setbeamerfont*{subtitle}{size=\large}
114 \setbeamerfont{author}{size=\small}
115 \setbeamerfont{date}{size=\small}
116
117 \setbeamerfont{section~title}{size=\Large, series=\bfseries}
118 \setbeamerfont{subsection~title}{size=\large, series=\bfseries}
119 \setbeamerfont{subsubsection~title}{size=\normalsize, series=\bfseries}
120
121 \setbeamerfont{frametitle}{size=\large, series=\bfseries}
122 \setbeamerfont{frametitleToc}{size=\LARGE, series=\bfseries}
123 \setbeamerfont{frametitleSection}{size*={60}{1}, series=\bfseries}
124
125 \setbeamerfont{page~number~in~head/foot}{size=\footnotesize}
126 \setbeamerfont{footline}{size=\scriptsize}
127
128 \setbeamerfont{block~title}{size=\normalsize, series=\bfseries}
129 \setbeamerfont{block~title~alerted}{size=\normalsize, series=\bfseries}

```

```

130 \setbeamerfont{caption}{size=\small}
131 \setbeamerfont{caption~name}{series=\bfseries}
132 \setbeamerfont{description~item}{series=\bfseries}
133
134 \setbeamerfont{bibliography~entry~author}{size=\normalsize, series=\normalfont}
135 \setbeamerfont{bibliography~entry~title}{size=\normalsize, series=\bfseries}
136 \setbeamerfont{bibliography~entry~location}{size=\normalsize, series=\normalfont}
137 \setbeamerfont{bibliography~entry~note}{size=\small, series=\normalfont}
138 \setbeamerfont{standout}{size=\Large, series=\bfseries}

```

(End of definition for `\setbeamerfont{title}` and general font definitions. These functions are documented on page ??.)

<code>__gotham_title_format:n</code> <code>titles_formats</code>	Pre-hooks that will be inserted to control case format of titles in addition with the fonts set.
--	--

The following test files are used for this code: *gotham-test-035*, *gotham-test-036*, *gotham-test-036b*, *gotham-test-1045*.

```

139 \def\gotham@titleformat#1{#1}
140 \def\gotham@subtitleformat#1{#1}
141 \def\gotham@parttitleformat#1{#1}
142 \def\gotham@sectiontitleformat#1{#1}
143 \def\gotham@subsectiontitleformat#1{#1}
144 \def\gotham@subsubsectiontitleformat#1{#1}
145 \def\gotham@frametitleformat#1{#1}
146 \def\gotham@framesubtitleformat#1{#1}
147 % IF ONE DAY: I can patch beamer with expl3, I will use the following commands instead.
148 % %% \cs_new:Npn \__gotham_unchanged:n #1 {#1}
149 % %% \cs_new:Npn \__gotham_title_format:n #1 {#1}
150 % %% \cs_new:Npn \__gotham_subtitle_format:n #1 {#1}
151 % %% \cs_new:Npn \__gotham_part_title_format:n #1 {#1}
152 % %% \cs_new:Npn \__gotham_section_title_format:n #1 {#1}
153 % %% \cs_new:Npn \__gotham_subsection_title_format:n #1 {#1}
154 % %% \cs_new:Npn \__gotham_frametitle_format:n #1 {#1}
155 % %% \cs_new:Npn \__gotham_framesubtitle_format:n #1 {#1}

```

<code>\beamer@title</code> <code>\beamer@subtitle</code> <code>\sectionentry</code>	Since, case feature is not available in <code>setbeamerfont</code> ; to make the uppercase, lowercase and title-case macros work in the title, subtitle, etc., we have to patch the appropriate beamer commands that set their values. This solution was suggested by Enrico Gregorio in an answer to this StackExchange question . Remark: <code>patchcmd</code> from <code>etoolbox</code> (or other), is not compatible with <code>expl3</code> .
---	--

The following test files are used for this code: *gotham-test-035*, *gotham-test-036*, *gotham-test-036b*, *gotham-test-1042*.

```

156 \ExplSyntaxOff
157 \patchcmd{\beamer@title}
158 {\def\inserttitle{#2}}
159 {\def\inserttitle{\gotham@titleformat{#2}}}
160 % {\def\inserttitle{\__gotham_title_format:n{#2} }}
161 {}
162 {\PackageError{beamerfontthemegotham}{Patching~title~failed}\@ehc}
163 \patchcmd{\beamer@subtitle}
164 {\def\insertsubtitle{#2}}

```

```

165 {\def\insertsubtitle{\gotham@subtitleformat{#2}}}}
166 % {\def\insertsubtitle{ \_gotham_subtitle_format:n{#2} }}
167 {}
168 {\PackageError{beamerfontthemegotham}{Patching-subtitle-failed}\@ehc}
169
170
171 % %%%% PART %%%%
172
173 % Missing command for part in toc from https://tex.stackexchange.com/questions/5285/tableof
174 %% number, partname, page.
175 \providecommand\beamer@partintoc[3]{%
176 \ifnum\c@tocdepth=-1\relax
177 % requesting onlyparts.
178 \makebox[6em]{PART #1:} #2
179 \par
180 \fi
181 }
182 \define@key{beamertoc}{onlyparts}[]{%
183 \c@tocdepth=-1\relax
184 }
185 \patchcmd{\beamer@part} % beamerbasenavigation.sty 1.195
186 {\def\beamer@partname{#2}}
187 {\def\beamer@partname{\gotham@parttitleformat{#2}}}
188 {}
189 {\PackageError{beamerfontthemegotham}{Patching-part-title-failed}\@ehc}%
190 \patchcmd{\beamer@part} % beamerbasenavigation.sty 1.195
191 {\def\beamer@partnameshort{#1}}
192 {\def\beamer@partnameshort{\gotham@parttitleformat{#1}}}
193 {}
194 {\PackageError{beamerfontthemegotham}{Patching-part-title-failed}\@ehc}%
195 \patchcmd{\beamer@part} % beamerbasenavigation.sty 1.195
196 {\protect\partentry{#2}{\the\c@part}}
197 {\protect\partentry{\gotham@parttitleformat{#2}}{\the\c@part}}
198 {}
199 {\PackageError{beamerfontthemegotham}{Patching-part-title-failed}\@ehc}%
200 \patchcmd{\beamer@part} % beamerbasenavigation.sty 1.195
201 {\Hy@writebookmark{\the\c@part}{#1}{Outline\the\c@part}{1}{toc}}
202 {\Hy@writebookmark{\the\c@part}{\gotham@parttitleformat{#1}}{Outline\the\c@part}{1}{toc}}
203 {}
204 {\PackageError{beamerfontthemegotham}{Patching-part-title-failed}\@ehc}%
205
206
207 % %%%% SECTION %%%%
208 %
209 % \patchcmd{\sectionentry} % beamerbasenavigation.sty 1.335
210 % {\def\insertsectionhead{#2}}
211 % {\def\insertsectionhead{\gotham@sectiontitleformat{#2}}}
212 % {}
213 % {\PackageError{beamerfontthemegotham}{Patching-section-title-failed}\@ehc}%
214 \patchcmd{\beamer@section} % beamerbasenavigation.sty 1.195
215 {\protect\beamer@sectionintoc{\the\c@section}{#2}}
216 {\protect\beamer@sectionintoc{\the\c@section}{\gotham@sectiontitleformat{#2}}}
217 {}
218 {\PackageError{beamerfontthemegotham}{Patching-section-title-failed}\@ehc}%

```

```

219 \patchcmd{\beamer@section} % beamerbasenavigation.sty 1.195
220 {\long\def\secname{#2}}
221 {\long\def\secname{\gotham@sectiontitleformat{#2}}}
222 {}
223 {\PackageError{beamerfontthemegotham}{Patching-section-title-failed}\@ehc}%
224
225 \@tempswafalse
226 \patchcmd{\beamer@section} % beamerbasesection.sty 1. 209
227 {\def\insertsectionhead{\hyperlink{Navigation\the\c@page}{#1}}}
228 {\def\insertsectionhead{\hyperlink{Navigation\the\c@page}{\gotham@sectiontitleformat{#1}}}}
229 % \__gotham_section_title_format:n{#2}
230 {\@tempswatrue}
231 {}
232 \patchcmd{\beamer@section} % beamerbasesection.sty 1. 209
233 {\edef\insertsectionhead{\noexpand\hyperlink{Navigation\the\c@page}{\unexpanded{#1}}}}
234 {\edef\insertsectionhead{\noexpand\hyperlink{Navigation\the\c@page}{\noexpand\gotham@section
235 % \exp_not:N \__gotham_section_title_format:n {#1}
236 {\@tempswatrue}
237 {}
238 \if@tempswa\else
239 {\PackageError{beamerfontthemegotham}{Patching-section-title-failed}\@ehc}
240 \fi
241 \@tempswafalse
242
243
244 % %%% SUBSECTION %%%
245
246 \patchcmd{\beamer@subsection} % beamerbasenavigation.sty 1.195
247 {\protect\beamer@subsectionintoc{\the\c@section}{\the\c@subsection}{#2}}
248 {\protect\beamer@subsectionintoc{\the\c@section}{\the\c@subsection}{\gotham@subsectiontitle
249 {}
250 {\PackageError{beamerfontthemegotham}{Patching-subsection-title-failed}\@ehc}%
251 \patchcmd{\beamer@subsection} % beamerbasenavigation.sty 1.195
252 {\long\def\subsecname{#2}}
253 {\long\def\subsecname{\gotham@subsectiontitleformat{#2}}}
254 {}
255 {\PackageError{beamerfontthemegotham}{Patching-subsection-title-failed}\@ehc}%
256
257 \@tempswafalse
258 \patchcmd{\beamer@subsection} % beamerbasesubsection.sty 1. 209
259 {\def\insertsubsectionhead{\hyperlink{Navigation\the\c@page}{#1}}}
260 {\def\insertsubsectionhead{\hyperlink{Navigation\the\c@page}{\gotham@subsectiontitleformat{
261 % \__gotham_subsection_title_format:n{#2}
262 {\@tempswatrue}
263 {}
264 \patchcmd{\beamer@subsection} % beamerbasesubsection.sty 1. 209
265 {\edef\insertsubsectionhead{\noexpand\hyperlink{Navigation\the\c@page}{\unexpanded{#1}}}}
266 {\edef\insertsubsectionhead{\noexpand\hyperlink{Navigation\the\c@page}{\noexpand\gotham@sub
267 % \exp_not:N \__gotham_subsection_title_format:n {#1}
268 {\@tempswatrue}
269 {}
270 \if@tempswa\else
271 {\PackageError{beamerfontthemegotham}{Patching-subsection-title-failed}\@ehc}
272 \fi

```

```

273 \@tempswafalse
274
275
276 % %%% SUBSUBSECTION %%%%
277
278 \patchcmd{\beamer@subsubsection} % beamerbasenavigation.sty 1.195
279 {\long\def\subsubsecname{#2}}
280 {\long\def\subsubsecname{\gotham@subsubsectiontitleformat{#2}}}
281 {}
282 {\PackageError{beamerfontthemegotham}{Patching~subsubsection~title~failed}\@ehc}%
283 \patchcmd{\beamer@subsubsection} %\protect\beamer@subsubsectionintoc
284 {\the\c@section}\the\c@subsection}\the\c@subsubsection}{#2}}
285 {\the\c@section}\the\c@subsection}\the\c@subsubsection}{\gotham@subsubsectiontitleformat
286 {}
287 {\PackageError{beamerfontthemegotham}{Patching~subsubsection~title~failed}\@ehc}%
288
289 \@tempswafalse
290
291 \patchcmd{\beamer@subsubsection} % beamerbasesubsubsection.sty 1. 209
292 {\edef\insertsubsubsectionhead{\noexpand\hyperlink{Navigation\the\c@page}{\unexpanded{#1}}}}
293 {\edef\insertsubsubsectionhead{\noexpand\hyperlink{Navigation\the\c@page}{\noexpand\gotham@
294 % \exp_not:N \__gotham_subsubsection_title_format:n {#1}
295 {\@tempswatrue}
296 {}
297 \if@tempswa\else
298 {\PackageError{beamerfontthemegotham}{Patching~subsubsection~title~failed}\@ehc}
299 \fi
300 \@tempswafalse
301
302 %
303 % Similarly, to make the |\MakeLowercase| and |\MakeUppercase| macros work in the frame titl
304 \providecommand{\beamer@insertframetitlecontinuation}{
305 \usebeamertemplate*{frametitle~continuation}
306 }
307 \patchcmd{\beamer@@frametitle} % beamerbaselocalstructure.sty 1. 32
308 {\gdef\insertframetitle{%
309 #2%
310 \ifnum\beamer@autobreakcount>0
311 \relax{}\space%
312 \beamer@insertframetitlecontinuation%
313 \fi%
314 }}%
315 }
316 {\gdef\insertframetitle{%
317 \gotham@frametitleformat{#2}%
318 % \__gotham_frametitle_format:n {#2}
319 \ifnum\beamer@autobreakcount>0
320 \relax{}\space%
321 \beamer@insertframetitlecontinuation%
322 \fi%
323 }}%
324 }
325 {}
326 {\PackageWarning{beamerfontthemegotham}{Patching~frametitle~failed}\@ehc}

```

```

327 %
328 %% NOT WORKING YET !
329 %% \patchcmd{\framesubtitle} % beamerbaselocalstructure.sty 1.55
330 %% {\only#2{\ifblank{#1}{}}{\gdef\insertframesubtitle{#{1}}\beamer@aftersubtitle}}
331 %% {\only{#2}{\ifblank{#1}{}}{\gdef\insertframesubtitle{#{1}}\beamer@aftersubtitle}}
332 %% {}
333 %% {\PackageWarning{beamerfontthemegotham}{Patching-framesubtitle-failed}\@ehc}
334 %
335 \ExplSyntaxOn

```

(End of definition for \beamer@title, \beamer@subtitle, and \sectionentry. These functions are documented on page ??.)

font_key_ interface Controls the format and shape of the title (of the presentation), subtitle, part title, section title, subsection title, frametitle and framesubtitle.

The following test files are used for this code: *gotham-test-035*, *gotham-test-036*, *gotham-test-036b*.

```

336 \keys_define:nn { gotham / font }
337 {
338 % format title
339 format~title .choice:,
340 format~title .usage:n = { general },
341 format~title .default:n = { regular },
342 format~title / regular .code:n =
343 {
344 \let\gotham@titleformat\@empty
345 % \cs_set_eq:NN \__gotham_title_format:n \__gotham_unchanged:n
346 },
347 format~title / lower .code:n =
348 {
349 \let\gotham@titleformat \text_lowercase:n %\lowercase
350 % \cs_set_eq:NN \__gotham_title_format:n \text_lowercase:n
351 \PackageWarning{ gotham } { Be-aware-that-format~title=lower~can-lead-to-problems. }
352 },
353 format~title / upper .code:n =
354 {
355 \let\gotham@titleformat \text_uppercase:n %\uppercase
356 % \cs_set_eq:NN \__gotham_title_format:n \text_uppercase:n
357 \PackageWarning{ gotham } { Be-aware-that-format~title=upper~can-lead-to~problems. }
358 },
359 format~title / titlecase .code:n =
360 {
361 \let\gotham@titleformat \text_titlecase_all:n %\MakeTitlecase
362 % \cs_set_eq:NN \__gotham_title_format:n \text_titlecase_all:n
363 \PackageWarning{ gotham } { Be-aware-that-format~title=titlecase~can-lead-to-problems. }
364 },
365 format~title / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl
366 }
367 \keys_define:nn { gotham / font }
368 {
369 % shape title
370 shape~title .choice:,
371 shape~title .usage:n = { general },
372 shape~title .default:n = { regular },

```



```

373 shape~title / regular .code:n =
374 {
375   \setbeamerfont{title}{shape=\normalfont}
376 },
377 shape~title / smallcaps .code:n =
378 {
379   \setbeamerfont{title}{shape=\scshape}
380 },
381 shape~title / italic .code:n =
382 {
383   \setbeamerfont{title}{shape=\itshape}
384 },
385 shape~title / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl'
386 }
387
388 \keys_define:nn { gotham / font }
389 {
390   % format subtitle
391   format~subtitle .choice:,
392   format~subtitle .usage:n = { general },
393   format~subtitle .default:n = { regular },
394   format~subtitle / regular .code:n =
395   {
396     \let\gotham@subtitleformat\@empty
397     % \cs_set_eq:NN \__gotham_subtitle_format:n \__gotham_unchanged:n
398   },
399   format~subtitle / lower .code:n =
400   {
401     \let\gotham@subtitleformat \text_lowercase:n %\lowercase
402     % \cs_set_eq:NN \__gotham_subtitle_format:n \text_lowercase:n
403     \PackageWarning{ gotham } { Be~aware~that~format~subtitle=lower~can~lead~to~problems. }
404   },
405   format~subtitle / upper .code:n =
406   {
407     \let\gotham@subtitleformat \text_uppercase:n %\uppercase
408     \cs_set_eq:NN \__gotham_subtitle_format:n \text_uppercase:n
409     \PackageWarning{ gotham } { Be~aware~that~format~subtitle=upper~can~lead~to~problems. }
410   },
411   format~subtitle / titlecase .code:n =
412   {
413     \let\gotham@subtitleformat \text_titlecase_all:n %\MakeTitlecase
414     % \cs_set_eq:NN \__gotham_subtitle_format:n \text_titlecase_all:n %\MakeTitlecase
415     \PackageWarning{ gotham } { Be~aware~that~format~subtitle=titlecase~can~lead~to~problems. }
416   },
417   format~subtitle / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value
418 }
419 \keys_define:nn { gotham / font }
420 {
421   % shape subtitle
422   shape~subtitle .choice:,
423   shape~subtitle .usage:n = { general },
424   shape~subtitle .default:n = { regular },
425   shape~subtitle / regular .code:n =
426   {

```

```

427 \setbeamerfont{subtitle}{shape=\normalfont}
428 },
429 shape~subtitle / smallcaps .code:n =
430 {
431 \setbeamerfont{subtitle}{shape=\scshape}
432 },
433 shape~subtitle / italic .code:n =
434 {
435 \setbeamerfont{subtitle}{shape=\itshape}
436 },
437 shape~subtitle / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_
438 }
439
440 \keys_define:nn { gotham / font }
441 {
442 % format frametitle
443 format~frametitle .choice:,
444 format~frametitle .usage:n = { general },
445 format~frametitle .default:n = { regular },
446 format~frametitle / regular .code:n =
447 {
448 \let\gotham@frametitleformat\@empty
449 % \cs_set_eq:NN \__gotham_frametitle_format:n \__gotham_unchanged:n
450 },
451 format~frametitle / lower .code:n =
452 {
453 \let\gotham@frametitleformat \text_lowercase:n %\lowercase
454 % \cs_set_eq:NN \__gotham_frametitle_format:n \text_lowercase:n
455 \PackageWarning{ gotham } { Be~aware~that~format~frametitle=lower~can~lead~to~problems. }
456 },
457 format~frametitle / upper .code:n =
458 {
459 \let\gotham@frametitleformat \text_uppercase:n %\uppercase
460 % \cs_set_eq:NN \__gotham_frametitle_format:n \text_uppercase:n
461 \PackageWarning{ gotham } { Be~aware~that~format~frametitle=upper~can~lead~to~problems. }
462 },
463 format~frametitle / titlecase .code:n =
464 {
465 \let\gotham@frametitleformat \text_titlecase_all:n %\Maketitlecase
466 % \cs_set_eq:NN \__gotham_frametitle_format:n \text_titlecase_all:n %\MakeTitlecase
467 \PackageWarning{ gotham } { Be~aware~that~format~frametitle=titlecase~can~lead~to~problems
468 },
469 format~frametitle / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_val
470 }
471 \keys_define:nn { gotham / font }
472 {
473 % shape frametitle
474 shape~frametitle .choice:,
475 shape~frametitle .usage:n = { general },
476 shape~frametitle .default:n = { regular },
477 shape~frametitle / regular .code:n =
478 {
479 \setbeamerfont{frametitle}{shape=\normalfont}
480 },

```

```

481 shape~frametitle / smallcaps .code:n =
482 {
483   \setbeamerfont{frametitle}{shape=\scshape}
484 },
485 shape~frametitle / italic .code:n =
486 {
487   \setbeamerfont{frametitle}{shape=\itshape}
488 },
489 shape~frametitle / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_valu
490 }
491
492 \keys_define:nn { gotham / font }
493 {
494   % format framesubtitle
495   format~framesubtitle .choice:,
496   format~framesubtitle .usage:n = { general },
497   format~framesubtitle .default:n = { regular },
498   format~framesubtitle / regular .code:n =
499   {
500     \let\gotham@framesubtitleformat\@empty
501     % \cs_set_eq:NN \__gotham_framesubtitle_format:n \__gotham_unchanged:n
502   },
503   format~framesubtitle / lower .code:n =
504   {
505     \let\gotham@framesubtitleformat \text_lowercase:n %\lowercase
506     % \cs_set_eq:NN \__gotham_framesubtitle_format:n \text_lowercase:n
507     \PackageWarning{ gotham } { Be~aware~that~format~framesubtitle=lower~can~lead~to~problems.
508   },
509   format~framesubtitle / upper .code:n =
510   {
511     \let\gotham@framesubtitleformat \text_uppercase:n %\uppercase
512     % \cs_set_eq:NN \__gotham_framesubtitle_format:n \text_uppercase:n
513     \PackageWarning{ gotham } { Be~aware~that~format~framesubtitle=upper~can~lead~to~problems.
514   },
515   format~framesubtitle / titlecase .code:n =
516   {
517     \let\gotham@framesubtitleformat \text_titlecase_all:n %\Maketitlecase
518     % \cs_set_eq:NN \__gotham_framesubtitle_format:n \text_titlecase_all:n %\Maketitlecase
519     \PackageWarning{ gotham } { Be~aware~that~format~framesubtitle=titlecase~can~lead~to~probl
520   },
521   format~framesubtitle / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_
522 }
523 \keys_define:nn { gotham / font }
524 {
525   % shape framesubtitle
526   shape~framesubtitle .choice:,
527   shape~framesubtitle .usage:n = { general },
528   shape~framesubtitle .default:n = { regular },
529   shape~framesubtitle / regular .code:n =
530   {
531     \setbeamerfont{framesubtitle}{shape=\normalfont}
532   },
533   shape~framesubtitle / smallcaps .code:n =
534   {

```

```

535 \setbeamerfont{framesubtitle}{shape=\scshape}
536 },
537 shape~framesubtitle / italic .code:n =
538 {
539 \setbeamerfont{framesubtitle}{shape=\itshape}
540 },
541 shape~framesubtitle / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_v
542 }
543
544 \keys_define:nn { gotham / font }
545 {
546 % format part
547 format~part .choice:,
548 format~part .usage:n = { general },
549 format~part .default:n = { regular },
550 format~part / regular .code:n =
551 {
552 \let\gotham@parttitleformat\@empty
553 % \cs_set_eq:NN \__gotham_part_title_format:n \text_titlecase:n
554 },
555 format~part / lower .code:n =
556 {
557 \let\gotham@parttitleformat \text_lowercase:n %\lowercase
558 % \cs_set_eq:NN \__gotham_part_title_format:n \text_lowercase:n
559 \PackageWarning{ gotham } { Be~aware~that~format~part=lower~can~lead~to~problems. }
560 },
561 format~part / upper .code:n =
562 {
563 \let\gotham@parttitleformat \text_uppercase:n %\uppercase
564 % \cs_set_eq:NN \__gotham_part_title_format:n \text_uppercase:n
565 \PackageWarning{ gotham } { Be~aware~that~format~part=upper~can~lead~to~problems. }
566 },
567 format~part / titlecase .code:n =
568 {
569 \let\gotham@parttitleformat\text_titlecase_all:n %\Maketitlecase
570 % \cs_set_eq:NN \__gotham_part_title_format:n \text_titlecase:n
571 \PackageWarning{ gotham } { Be~aware~that~format~part=titlecase~can~lead~to~problems. }
572 },
573 format~part / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl'
574 }
575 \keys_define:nn { gotham / font }
576 {
577 % shape part
578 shape~part .choice:,
579 shape~part .usage:n = { general },
580 shape~part .default:n = { regular },
581 shape~part / regular .code:n =
582 {
583 \setbeamerfont{part~title}{shape=\normalfont}
584 },
585 shape~part / smallcaps .code:n =
586 {
587 \setbeamerfont{part~title}{shape=\scshape}
588 },

```

```

589 shape~part / italic .code:n =
590 {
591   \setbeamerfont{part~title}{shape=\itshape}
592 },
593 shape~part / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl'~
594 }
595
596 \keys_define:nn { gotham / font }
597 {
598   % format section
599   format~section .choice:,
600   format~section .usage:n = { general },
601   format~section .default:n = { regular },
602   format~section / regular .code:n =
603   {
604     \let\gotham@sectiontitleformat\@empty
605     % \cs_set_eq:NN \__gotham_section_title_format:n \__gotham_unchanged:n
606   },
607   format~section / lower .code:n =
608   {
609     \let\gotham@sectiontitleformat \text_lowercase:n %\lowercase
610     % \cs_set_eq:NN \__gotham_section_title_format:n \text_lowercase:n
611     \PackageWarning{ gotham } { Be~aware~that~format~section=lower~can~lead~to~problems. }
612   },
613   format~section / upper .code:n =
614   {
615     \let\gotham@sectiontitleformat \text_uppercase:n %\uppercase
616     % \cs_set_eq:NN \__gotham_section_title_format:n \text_uppercase:n
617     \PackageWarning{ gotham } { Be~aware~that~format~section=upper~can~lead~to~problems. }
618   },
619   format~section / titlecase .code:n =
620   {
621     \let\gotham@sectiontitleformat \text_titlecase_all:n %\Maketitlecase
622     % \cs_set_eq:NN \__gotham_section_title_format:n \text_titlecase_all:n
623     \PackageWarning{ gotham } { Be~aware~that~format~section=titlecase~can~lead~to~problems. }
624   },
625   format~section / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl'~
626 }
627 \keys_define:nn { gotham / font }
628 {
629   % shape section
630   shape~section .choice:,
631   shape~section .usage:n = { general },
632   shape~section .default:n = { regular },
633   shape~section / regular .code:n =
634   {
635     \setbeamerfont{section~title}{shape=\normalfont}
636   },
637   shape~section / smallcaps .code:n =
638   {
639     \setbeamerfont{section~title}{shape=\scshape}
640   },
641   shape~section / italic .code:n =
642   {

```

```

643 \setbeamerfont{section~title}{shape=\itshape}
644 },
645 shape~section / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_t
646 }
647
648 \keys_define:nn { gotham / font }
649 {
650 % format subsection
651 format~subsection .choice:,
652 format~subsection .usage:n = { general },
653 format~subsection .default:n = { regular },
654 format~subsection / regular .code:n =
655 {
656 \let\gotham@subsectionontitleformat\@empty
657 % \cs_set_eq:NN \__gotham_subsection_title_format:n \__gotham_unchanged:n
658 },
659 format~subsection / lower .code:n =
660 {
661 \let\gotham@subsectionontitleformat \text_lowercase:n %\lowercase
662 % \cs_set_eq:NN \__gotham_subsection_title_format:n \text_lowercase:n
663 \PackageWarning{ gotham } { Be~aware~that~format~subsection=lower~can~lead~to~problems. }
664 },
665 format~subsection / upper .code:n =
666 {
667 \let\gotham@subsectionontitleformat \text_uppercase:n %\uppercase
668 % \cs_set_eq:NN \__gotham_subsection_title_format:n \text_uppercase:n
669 \PackageWarning{ gotham } { Be~aware~that~format~subsection=upper~can~lead~to~problems. }
670 },
671 format~subsection / titlecase .code:n =
672 {
673 \let\gotham@subsectionontitleformat\text_titlecase_all:n %\Maketitlecase
674 % \cs_set_eq:NN \__gotham_subsection_title_format:n \text_titlecase_all:n
675 \PackageWarning{ gotham } { Be~aware~that~format~subsection=titlecase~can~lead~to~problems
676 },
677 format~subsection / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_val
678 }
679 \keys_define:nn { gotham / font }
680 {
681 % shape subsection
682 shape~subsection .choice:,
683 shape~subsection .usage:n = { general },
684 shape~subsection .default:n = { regular },
685 shape~subsection / regular .code:n =
686 {
687 \setbeamerfont{subsection~title}{shape=\normalfont}
688 },
689 shape~subsection / smallcaps .code:n =
690 {
691 \setbeamerfont{subsection~title}{shape=\scshape}
692 },
693 shape~subsection / italic .code:n =
694 {
695 \setbeamerfont{subsection~title}{shape=\itshape}
696 },

```

```

697 shape~subsection / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_valu
698 }
699
700 \keys_define:nn { gotham / font }
701 {
702 % format subsubsection
703 format~subsubsection .choice:,
704 format~subsubsection .usage:n = { general },
705 format~subsubsection .default:n = { regular },
706 format~subsubsection / regular .code:n =
707 {
708 \let\gotham@subsubsectiontitleformat\@empty
709 % \cs_set_eq:NN \__gotham_subsubsection_title_format:n \__gotham_unchanged:n
710 },
711 format~subsubsection / lower .code:n =
712 {
713 \let\gotham@subsubsectiontitleformat \text_lowercase:n %\lowercase
714 % \cs_set_eq:NN \__gotham_subsubsection_title_format:n \text_lowercase:n
715 \PackageWarning{ gotham } { Be~aware~that~format~subsubsection=lower~can~lead~to~problems.
716 },
717 format~subsubsection / upper .code:n =
718 {
719 \let\gotham@subsubsectiontitleformat \text_uppercase:n %\uppercase
720 % \cs_set_eq:NN \__gotham_subsubsection_title_format:n \text_uppercase:n
721 \PackageWarning{ gotham } { Be~aware~that~format~subsubsection=upper~can~lead~to~problems.
722 },
723 format~subsubsection / titlecase .code:n =
724 {
725 \let\gotham@subsubsectiontitleformat\text_titlecase_all:n %\Maketitlecase
726 % \cs_set_eq:NN \__gotham_subsubsection_title_format:n \text_titlecase_all:n
727 \PackageWarning{ gotham } { Be~aware~that~format~subsubsection=titlecase~can~lead~to~probl
728 },
729 format~subsubsection / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_
730 }
731 \keys_define:nn { gotham / font }
732 {
733 % shape subsubsection
734 shape~subsubsection .choice:,
735 shape~subsubsection .usage:n = { general },
736 shape~subsubsection .default:n = { regular },
737 shape~subsubsection / regular .code:n =
738 {
739 \setbeamerfont{subsubsection~title}{shape=\normalfont}
740 },
741 shape~subsubsection / smallcaps .code:n =
742 {
743 \setbeamerfont{subsubsection~title}{shape=\scshape}
744 },
745 shape~subsubsection / italic .code:n =
746 {
747 \setbeamerfont{subsubsection~title}{shape=\itshape}
748 },
749 shape~subsubsection / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_v
750 }

```

(End of definition for font key - interface. This function is documented on page ??.)

Default_font_keys Apply default key options.

The following test files are used for this code: gotham-test-035.

```

751 % when no value is given, default is called.
752 \keys_set:nn { gotham / font } {
753   format~title, shape~title,
754   format~subtitle, shape~subtitle,
755   format~frametitle, shape~frametitle,
756   format~framesubtitle, shape~framesubtitle,
757   format~part, shape~part,
758   format~section, shape~section,
759   format~subsection, shape~subsection,
760   format~subsubsection, shape~subsubsection,
761 }

```

(End of definition for Default font keys. This function is documented on page ??.)

Process_font_keys Process package options.

The following test files are used for this code: gotham-test-035.

```

762 \ProcessKeyOptions[ gotham / font ]

```

(End of definition for Process font keys. This function is documented on page ??.)

```

763 %\endinput
764 </font>

```

```

765 <*color>
766 \ProvidesExplPackage{beamercolorthemegotham}{2025-12-25}{1.2.4.a}{Gotham color theme}
767 \RequirePackage{expl3}
768 % \RequirePackage{xparse}
769 \RequirePackage{xcolor}

COLOR

```

\definecolor[named]{gAnthracite} Definition of the Gotham colors.

```

colors_definition
770 \definecolor[named]{gLightOrange}{HTML}{EB811B}
771 \definecolor[named]{gLightGreen}{HTML}{14B03D}
772 \definecolor[named]{gDeepBlue}{RGB}{42, 42, 255}
773 \definecolor[named]{gDeepYellow}{RGB}{255, 204, 0}
774 \definecolor[named]{gAnthracite}{HTML}{2d3e50}
775 \definecolor[named]{gLightTeal}{RGB}{172, 195, 210}
776 \definecolor[named]{gPaleYell}{RGB}{255, 255, 240}
777 \definecolor[named]{gDarkBlack}{gray}{0.1}
778 \definecolor[named]{gDarkGrey}{gray}{0.25}
779 \definecolor[named]{gMidGrey}{gray}{0.5}
780 \definecolor[named]{gLightGrey}{gray}{0.9}

```

(End of definition for \definecolor[named]{gAnthracite} and colors definition. These variables are documented on page ??.)

`\colorlet{colorPale}` A set Gotham palette: a list of color variables easily adapted.

`set_gotham_palette_colors`

```

781 % Define the color palette
782 \@ifundefined{\string\color@colorAreversed}{
783 % default colorset.
784 \colorlet{colorPale}{gPaleYell} % BG in light/normal mode
785 \colorlet{colorDark}{gDarkBlack} % FG in light/normal mode
786 \colorlet{colorA}{gAnthracite} % frametitle, standin.out,
787 \colorlet{colorAreversed}{gLighTeal} % frametitle, standin.in,
788 \colorlet{colorB}{gMidGrey} % gray BG : progress bar, blocks
789 \colorlet{colorC}{gDeepYellOr} % progress bar
790 \colorlet{colorD}{gLighOrange} % alert
791 \colorlet{colorE}{gLighGreen} % example
792 }{
793 % else nothing to do, colors are already defined.
794 }
795 \providecommand{\gothamHookPostColorBGSet}{}

```

(End of definition for \colorlet{colorPale} and set gotham palette colors. These variables are documented on page ??.)

`\colorlet{colorBG}{colorPale}` A set of variable easily adapted.

`set_functional_colors`

```

796 % Define the color palette
797 \colorlet{colorFG}{colorDark}
798 \colorlet{colorBG}{colorPale}
799 \colorlet{colorStandin}{colorPale}
800 \colorlet{colorStandout}{colorA}
801 \colorlet{colorFrametitle}{colorA}
802 \colorlet{colorTitlepage}{colorA}
803 \colorlet{colorFiligrane}{colorB}
804 \colorlet{colorBackElement}{colorB}
805 \colorlet{colorProgBar}{colorC}
806 \colorlet{colorAlert}{colorD}
807 \colorlet{colorExample}{colorE}

```

(End of definition for \colorlet{colorBG}{colorPale} and set functional colors. These variables are documented on page ??.)

`\l_gotham_color_assignment_prop:` Define a map of color names used internally to the color set elements.

```

808 \prop_if_exist:NTF \l_gotham_color_assignment_prop
809 {}{
810 % if not defined than define it.
811 \prop_new:N \l_gotham_color_assignment_prop
812
813 % Key value (by default)
814 \prop_put:Nnn \l_gotham_color_assignment_prop {colorFG} {colorDark}
815 \prop_put:Nnn \l_gotham_color_assignment_prop {colorBG} {colorPale}
816 \prop_put:Nnn \l_gotham_color_assignment_prop {colorStandin} {colorPale}
817 \prop_put:Nnn \l_gotham_color_assignment_prop {colorStandout} {colorA}
818 \prop_put:Nnn \l_gotham_color_assignment_prop {colorFrametitle} {colorA}
819 \prop_put:Nnn \l_gotham_color_assignment_prop {colorTitlepage} {colorA}
820 \prop_put:Nnn \l_gotham_color_assignment_prop {colorFiligrane} {colorB}
821 \prop_put:Nnn \l_gotham_color_assignment_prop {colorBackElement} {colorB}
822 \prop_put:Nnn \l_gotham_color_assignment_prop {colorProgBar} {colorC}
823 \prop_put:Nnn \l_gotham_color_assignment_prop {colorAlert} {colorD}
824 \prop_put:Nnn \l_gotham_color_assignment_prop {colorExample} {colorE}

```

825 }

(End of definition for \l__gotham_color_assignment_prop:.)

__gotham_reload_color: Command to reassign a color names used internally to its corresponding color element of the set. This reassignment is done through the dedicated map.

The following test files are used for this code: gotham-test-1040.

```
826 \cs_new_protected:Nn \__gotham_reload_color:{
827   \colorlet{colorFG}{\prop_item:Nn \l__gotham_color_assignment_prop {colorFG}}
828   \colorlet{colorBG}{\prop_item:Nn \l__gotham_color_assignment_prop {colorBG}}
829   \colorlet{colorStandin}{\prop_item:Nn \l__gotham_color_assignment_prop {colorStandin}}
830   \colorlet{colorStandout}{\prop_item:Nn \l__gotham_color_assignment_prop {colorStandout}}
831   \colorlet{colorFrametitle}{\prop_item:Nn \l__gotham_color_assignment_prop {colorFrametitle}}
832   \colorlet{colorTitlepage}{\prop_item:Nn \l__gotham_color_assignment_prop {colorTitlepage}}
833   \colorlet{colorFiligrane}{\prop_item:Nn \l__gotham_color_assignment_prop {colorFiligrane}}
834   \colorlet{colorBackElement}{\prop_item:Nn \l__gotham_color_assignment_prop {colorBackElement}}
835   \colorlet{colorProgBar}{\prop_item:Nn \l__gotham_color_assignment_prop {colorProgBar}}
836   \colorlet{colorAlert}{\prop_item:Nn \l__gotham_color_assignment_prop {colorAlert}}
837   \colorlet{colorExample}{\prop_item:Nn \l__gotham_color_assignment_prop {colorExample}}
838 }
```

\gothamReloadColors Command accessible to users to call the reassignment of color names used internally.

The following test files are used for this code: gotham-test-1040.

```
839 \providecommand{\gothamReloadColors}{
840   \__gotham_reload_color:
841 }
```

__gotham_color_set_style_anthrachte:

Command to activate anthracite colorset.

The following test files are used for this code: gotham-test-1037.

```
842 \cs_new_protected:Nn \__gotham_color_set_style_anthrachte:{
843   \colorlet{colorPale}{gPaleYell} % BG in light/normal mode
844   \colorlet{colorDark}{gDarkBlack} % FG in light/normal mode
845   \colorlet{colorA}{gAnthrachte} % frametitle, standin.out,
846   \colorlet{colorAreversed}{gLightTeal} % frametitle, standin.in,
847   \colorlet{colorB}{gMidGrey} % gray BG : progress bar, blocks
848   \colorlet{colorC}{gDeepYellOr} % progress bar
849   \colorlet{colorD}{gLightOrange} % alert
850   \colorlet{colorE}{gLightGreen} % example
851   \__gotham_reload_color:
852 }
```

`_gotham_color_set_style_red:`

Command to activate red colorset.

The following test files are used for this code: gotham-test-1037, gotham-test-1040.

```
853 \cs_new_protected:Nn \_gotham_color_set_style_red:{  
854 \colorlet{colorPale}{gPaleYell} % BG in light/normal mode  
855 \colorlet{colorDark}{gDarkBlack} % FG in light/normal mode  
856 \colorlet{colorA}{red} % frametitle, stdin.out,  
857 \colorlet{colorAreversed}{gLighTeal} % frametitle, stdin.in,  
858 \colorlet{colorB}{gMidGrey} % gray BG : progress bar, blocks  
859 \colorlet{colorC}{gDeepYellOr} % progress bar  
860 \colorlet{colorD}{gLighOrange} % alert  
861 \colorlet{colorE}{gLighGreen} % example  
862 \_gotham_reload_color:  
863 }
```

`\providebool{darkBG}` Variable to track color setup.

`\providebool{transparentBG}`

```
864 % \providebool{reversedColor}  
865 % \boolfalse{reversedColor}  
866 \providebool{darkBG}  
867 \boolfalse{darkBG}  
868 \providebool{transparentBG}  
869 \booltrue{transparentBG}
```

(End of definition for \providebool{darkBG} and \providebool{transparentBG}. These variables are documented on page ??.)

`_gotham_color_set_darkBG:`

Command to activate dark mode

The following test files are used for this code: gotham-test-037, gotham-test-1037, gotham-test-055.

```
870 \cs_new_protected:Nn \_gotham_color_set_darkBG:{
871   \booltrue{darkBG}
872   \boolfalse{transparentBG}
873   \prop_put:Nnn \l_gotham_color_assignment_prop {colorStandin} {colorFG}
874   \prop_put:Nnn \l_gotham_color_assignment_prop {colorStandout} {colorAreversed}
875   \prop_put:Nnn \l_gotham_color_assignment_prop {colorFrametitle} {colorAreversed}
876   \prop_put:Nnn \l_gotham_color_assignment_prop {colorTitlepage} {colorAreversed}
877
878   %%% adapt and reload
879   \_gotham_reload_color:
880
881   %%% dark
882   \setbeamercolor{normal~text}{
883     fg=colorBG,
884     bg=colorFG,
885   }
886   \usebeamercolor[fg]{normal~text}
887   \setbeamercolor{primary~palette}{
888     % reversed color compared to normal text
889     use=normal~text,
890     fg=normal~text.bg,
891     bg=normal~text.fg
892   }
893   \gothamHookPostColorBGSet{}
894 }
```

`_gotham_color_set_lightBG:`

Command to activate light background.

The following test files are used for this code: gotham-test-037, gotham-test-1037, gotham-test-055.

```
895 \cs_new_protected:Nn \_gotham_color_set_lightBG:{
896   \boolfalse{darkBG}
897   \boolfalse{transparentBG}
898   \prop_put:Nnn \l_gotham_color_assignment_prop {colorStandin} {colorBG}
899   \prop_put:Nnn \l_gotham_color_assignment_prop {colorStandout} {colorA}
900   \prop_put:Nnn \l_gotham_color_assignment_prop {colorFrametitle} {colorA}
901   \prop_put:Nnn \l_gotham_color_assignment_prop {colorTitlepage} {colorA}
902
903   %%% adapt and reload
904   \_gotham_reload_color:
905
906   %%% light
907   \setbeamercolor{normal~text}{
908     fg=colorFG,
909     bg=colorBG
910   }
911   \usebeamercolor[fg]{normal~text}
912   \setbeamercolor{primary~palette}{
913     % reversed color compared to normal text
914     use=normal~text,
915     fg=normal~text.bg,
916     bg=normal~text.fg
917   }
918   \gothamHookPostColorBGSet{}
919 }
```

`__gotham_color_set_transparentBG:`

Command to activate transparent background.

The following test files are used for this code: gotham-test-037, gotham-test-1037, gotham-test-055.

```
920 % \providecommand{\gotham@colors@transparent}{  
921 \cs_new_protected:Nn \__gotham_color_set_transparentBG:{  
922   \boolfalse{darkBG}  
923   \booltrue{transparentBG}  
924   {\usebeamercolor{bg}{normal~text}\colorlet{colorStandin}{bg}}% this is not working because  
925   % \usebeamercolor{normal~text} % reset % NOT working neither  
926   \prop_put:Nnn \l__gotham_color_assignment_prop {colorStandin} {colorBG} % since the two pr  
927   \prop_put:Nnn \l__gotham_color_assignment_prop {colorStandout} {colorA}  
928   \prop_put:Nnn \l__gotham_color_assignment_prop {colorFrametitle} {colorA}  
929   \prop_put:Nnn \l__gotham_color_assignment_prop {colorTitlepage} {colorA}  
930  
931   %%% adapt and reload  
932   \__gotham_reload_color:  
933  
934   %%% transparent like light background.  
935   \setbeamercolor{normal~text}{  
936     fg=colorFG,  
937     bg=,  
938   }  
939   \usebeamercolor{fg}{normal~text}  
940   \setbeamercolor{primary~palette}{  
941     % reversed color compared to normal text  
942     use=normal~text,  
943     fg=colorBG,  
944     bg=normal~text.fg  
945   }  
946   \gothamHookPostColorBGSet{}  
947 }
```

`_gotham_color_set_transparent_block:`

Command to activate transparent block.

The following test files are used for this code: gotham-test-037.

```
948 \cs_new_protected:Nn \_gotham_color_set_transparent_block:{
949   \setbeamercolor{block~title}{
950     use=normal~text,
951     fg=normal~text.fg,
952     bg=
953   }
954   \setbeamercolor{block~body}{
955     bg=
956   }
957   \setbeamercolor{alerted~text}{
958     fg=colorAlert
959   }
960   \setbeamercolor{example~text}{
961     fg=colorExample
962   }
963   \setbeamercolor{block~title~example}{
964     use={block~title, example~text},
965     bg=block~title.bg,
966     fg=example~text.fg
967   }
968   \setbeamercolor{block~title~alerted}{
969     use={block~title, alerted~text},
970     bg=block~title.bg,
971     fg=alerted~text.fg
972   }
973 }
```

`_gotham_color_set_fill_block:`

Command to activate fill block.

The following test files are used for this code: gotham-test-037.

```
974 \cs_new_protected:Nn \_gotham_color_set_fill_block:{  
975   \setbeamercolor{block~title}{  
976     fg=colorBackElement!10!normal~text.fg,  
977     bg=colorBackElement!135!fg  
978   }  
979   \setbeamercolor{block~body}{  
980     use={block~title, normal~text},  
981     bg=block~title.bg!50!normal~text.bg  
982   }  
983   \setbeamercolor{alerted~text}{  
984     fg=colorAlert  
985   }  
986   \setbeamercolor{example~text}{  
987     fg=colorExample  
988   }  
989   \setbeamercolor{block~title~example}{  
990     use={block~title, example~text},  
991     bg=block~title.bg,  
992     fg=example~text.fg  
993   }  
994   \setbeamercolor{block~title~alerted}{  
995     use={block~title, alerted~text},  
996     bg=block~title.bg,  
997     fg=alerted~text.fg  
998   }  
999 }
```

`_gotham_color_set_native_block:`

Command to activate native block.

The following test files are used for this code: gotham-test-037.

```
1000 \cs_new_protected:Nn \_gotham_color_set_native_block:{
1001 \setbeamercolor{block~title}{
1002   fg=colorPale,
1003   bg=colorBackElement!90!fg
1004 }
1005 \setbeamercolor{block~body}{
1006   use={block~title, normal~text},
1007   bg=block~title.bg!50!normal~text.bg
1008 }
1009 \setbeamercolor{alerted~text}{
1010   fg=colorAlert
1011 }
1012 % With native block, we have to let alerted text with a visible color (not pale) to keep al
1013 % So, we have to create an extra color: alertedBlock~text.
1014 \setbeamercolor{alertedBlock~text}{
1015   fg=colorPale
1016 }
1017 \setbeamercolor{example~text}{
1018   fg=colorPale
1019 }
1020 \setbeamercolor{block~title~alerted}{
1021   use={block~title, alertedBlock~text},
1022   bg=colorAlert,
1023   fg=alertedBlock~text.fg
1024 }
1025 \setbeamercolor{block~title~example}{
1026   use={block~title, example~text},
1027   bg=colorExample,
1028   fg=example~text.fg
1029 }
1030 }
```

`Gotham_color_adaptation` Set colors variable from Gotham color setup that needs specific adaptation, i.e. **structure** as mentioned in Beamer documentation and **progress bar** since it is a new feature.

The following test files are used for this code: gotham-test-037.

```
1031 \setbeamercolor{structure}{use=normal~text, fg=normal~text.fg}
1032 \setbeamercolor{progress~bar}{
1033   use=alerted~text,
1034   fg=colorProgBar,
1035   bg=alerted~text.fg!50!black!30
1036 }
```

(End of definition for Gotham color adaptation. This function is documented on page ??.)

`Usual_color_env` Set colors variable from Gotham color setup. The titles and structural elements (e.g. **itemize** bullets) are set in the same color as **normal text**. This would ideally done by setting **normal text** as a parent style, which we do to set **titlelike**, but this doesn't work for **structure** as its foreground is set explicitly in `beamercolorthemedefault.sty`.

The following test files are used for this code: gotham-test-037.

```
1037 \setbeamercolor{titlelike}{use=normal~text, parent=normal~text}
1038 \setbeamercolor{author}{use=normal~text, parent=normal~text}
1039 \setbeamercolor{date}{use=normal~text, parent=normal~text}
1040 \setbeamercolor{institute}{use=normal~text, parent=normal~text}
1041 \setbeamercolor{frametitle}{
1042   use=primary~palette,
1043   parent=primary~palette,
1044   bg=colorFrametitle
1045 }
1046 % The Gotham inner or outer themes optionally display progress bars in various locations.
1047 % Their color is set by |progress bar| but the two different kinds can be customized separat
1048 % The horizontal rule on the title page is also set based on the progress bar color and can
1049 \setbeamercolor{title~separator}{
1050   use=progress~bar,
1051   parent=progress~bar
1052 }
1053 \setbeamercolor{progress~bar~in~head/foot}{%
1054   use=progress~bar,
1055   parent=progress~bar
1056 }
1057 \setbeamercolor{progress~bar~in~part~page}{
1058   use=progress~bar,
1059   parent=progress~bar
1060 }
1061 \setbeamercolor{progress~bar~in~section~page}{
1062   use=progress~bar,
1063   parent=progress~bar
1064 }
1065 \setbeamercolor{progress~bar~in~splitvert}{
1066   use=progress~bar,
1067   parent=progress~bar
1068 }
1069 % \setbeamercolor{progress~bar~in~subsection~page}{
1070 %   use=progress~bar,
1071 %   parent=progress~bar
1072 % }
1073 % \setbeamercolor{progress~bar~in~subsubsection~page}{
1074 %   use=progress~bar,
1075 %   parent=progress~bar
1076 % }
1077 %
1078 % Blocks
1079 \setbeamercolor{block~body~alerted}{use=block~body, parent=block~body}
1080 \setbeamercolor{block~body~example}{use=block~body, parent=block~body}
1081 %
1082 % Footnote
1083 \setbeamercolor{footnote}{fg=normal~text.fg!90}
1084 \setbeamercolor{footnote~mark}{fg=..}
1085 %
1086 % Bibliography
1087 %
1088 % We also reset the bibliography colors in order to pick up the surrounding colors at the ti
1089 % This prevents us having to set the correct color in normal and standout mode.
```

```

1090 % \setbeamercolor{bibliography entry author}{fg=, bg=}
1091 % \setbeamercolor{bibliography entry title}{fg=, bg=}
1092 % \setbeamercolor{bibliography entry location}{fg=, bg=}
1093 % \setbeamercolor{bibliography entry note}{fg=, bg=}

```

(End of definition for Usual color env. This function is documented on page ??.)

new_color_environments Set up colors for the the new beamer environment used by the theme.
The following test files are used for this code: gotham-test-037.

```

1094 % \setbeamercolor{frametitleSection}{use=primary-palette, bg=, fg=primary-palette.bg}
1095 \setbeamercolor{frametitleSection}{use=structure,fg=structure.bg}
1096
1097 \setbeamercolor{standout}{use=primary-palette, bg=colorStandout, fg=primary-palette.bg}
1098 \setbeamercolor{standin}{use=normal~text, bg=colorStandin, fg=normal~text.fg}
1099
1100 \setbeamercolor{section~in~toc}{use=normal~text, parent=normal~text,}
1101 \setbeamercolor{subsection~in~toc}{use=normal~text, parent=normal~text,}
1102 \setbeamercolor{subsubsection~in~toc}{use=normal~text, parent=normal~text,}
1103 \setbeamercolor{footlineRule}{use=normal~text, parent=normal~text,}

```

(End of definition for new color environments. This function is documented on page ??.)

color_key_~_interface Controls the background mode (dark, light or transparent background) and the block (fill or transparent) and colorset (anthracite, red, blue, green, etc).

The following test files are used for this code: gotham-test-037.

```

1104 \keys_define:nn { gotham / color }
1105 {
1106   % block
1107   block .choice:,
1108   block .usage:n = { general },
1109   block .default:n = { native },
1110   block / native .code:n = { \__gotham_color_set_native_block: },
1111   block / transparent .code:n = { \__gotham_color_set_transparent_block: },
1112   block / fill .code:n = { \__gotham_color_set_fill_block: },
1113   block / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl'~is-un
1114 }
1115
1116 \keys_define:nn { gotham / color }
1117 {
1118   % background
1119   background .choice:,
1120   background .usage:n = { general },
1121   background .default:n = { transparent },
1122   background / transparent .code:n = { \__gotham_color_set_transparentBG: },
1123   background / light .code:n = { \__gotham_color_set_lightBG: },
1124   background / dark .code:n = { \__gotham_color_set_darkBG: },
1125   background / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl'~
1126 }
1127
1128 \keys_define:nn { gotham / color }
1129 {
1130   % colorset
1131   colorset .choice:,
1132   colorset .usage:n = { general },

```

```

1133 colorset .default:n = { anthracite },
1134 colorset / anthracite .code:n = { \_gotham_color_set_style_anthracite: },
1135 colorset / red .code:n = { \_gotham_color_set_style_red: },
1136 % colorset / blue .code:n = { },
1137 % colorset / green .code:n = { },
1138 % colorset / orange .code:n = { },
1139 % colorset / teal .code:n = { },
1140 colorset / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_value_tl'~is
1141 }

```

(End of definition for color key - interface. This function is documented on page ??.)

Default_color_keys Apply default key options.

The following test files are used for this code: gotham-test-037.

```

1142 % when no value is given, default is called.
1143 \keys_set:nn { gotham / color } { background, block, colorset }

```

(End of definition for Default color keys. This function is documented on page ??.)

Process_color_keys Process package options.

The following test files are used for this code: gotham-test-037.

```

1144 \ProcessKeyOptions[ gotham / color ]
1145 \mode<all>

```

(End of definition for Process color keys. This function is documented on page ??.)

```

1146 %\endinput
1147 </color>

```

```

1148 <*inner>
1149 \ProvidesExplPackage{beamerinnerthemegotham}{2025-12-25}{1.2.4.a}{gotham inner theme}
1150 \RequirePackage{expl3}
1151 % \RequirePackage{xparse}
1152 \RequirePackage{calc}
1153 % \RequirePackage{xfp}
1154 \RequirePackage{tikz}

```

INNER

A **beamer** inner theme dictates the style of the frame elements traditionally set in the “body” of each slide. These include:

- title page;
- backgrounds;
- standin/out;
- part, section etc, pages;
- table of content pages (including for sections...);
- environnement elements:
 - itemize, enumerate, and description environments;
 - block environments including theorems and proofs;

- figures and tables; and
- footnotes and plain text.

Titlepage

Compatibility mode for colors

FROM COLOR THEME: useful to provide this recall when the inner theme is loaded without the color theme.

```

1155 \@ifundefined{\string\color@colorProgBar}{
1156   \providebool{darkBG} \boolfalse{darkBG}
1157   \providebool{transparentBG} \booltrue{transparentBG}
1158   \colorlet{colorBG}{white}
1159   \colorlet{colorFG}{black}
1160   \colorlet{colorFrametitle}{purple}
1161   \colorlet{colorStandout}{purple}
1162   \colorlet{colorStandin}{purple}
1163   \colorlet{colorTitlepage}{purple}
1164   \colorlet{colorFiligrane}{gray}
1165   \colorlet{colorBackElement}{gray}
1166   \colorlet{colorProgBar}{orange}
1167   \colorlet{colorAlert}{red}
1168   \colorlet{colorExample}{green}
1169   \setbeamercolor{progress~bar}{
1170     use=alerted~text,
1171     fg=colorProgBar,
1172     bg=alerted~text.fg!50!black!30
1173   }
1174   \setbeamercolor{progress~bar~in~head/foot}{%
1175     use=progress~bar,
1176     parent=progress~bar
1177   }
1178   \setbeamercolor{progress~bar~in~part~page}{
1179     use=progress~bar,
1180     parent=progress~bar
1181   }
1182   \setbeamercolor{progress~bar~in~section~page}{
1183     use=progress~bar,
1184     parent=progress~bar
1185   }
1186   \setbeamercolor{progress~bar~in~splitvert}{
1187     use=progress~bar,
1188     parent=progress~bar
1189   }
1190   \setbeamercolor{frametitleSection}{use=primary~palette, bg=, fg=primary~palette.bg}
1191   \setbeamercolor{standout}{use=primary~palette, bg=colorStandout, fg=primary~palette.bg}
1192   \setbeamercolor{standin}{use=normal~text, bg=colorStandin, fg=normal~text.fg}
1193   \setbeamercolor{section~in~toc}{use=normal~text, parent=normal~text,}
1194   \setbeamercolor{subsection~in~toc}{use=normal~text, parent=normal~text,}
1195   \setbeamercolor{subsubsection~in~toc}{use=normal~text, parent=normal~text,}
1196 }{
1197   % else the colors are defined: this is fine.
1198 }

```

(End of definition for Compatibility mode for colors. This function is documented on page ??.)

`\maketitle` Normal people should use `\maketitle` or `\titlepage` instead of using the `title page`
`\titlepage` beamer template directly. Beamer already defines these macros, but we patch them here to make the title page [plain] by default, remove `\@thanks`, and ensure the title frame number doesn't count. Inserts the title frame, or causes the current frame to use the `title page` template.

The following test files are used for this code: gotham-test-038.

```

1199 \def\maketitle{
1200   \ifbeamer@inframe
1201     \titlepage
1202   \else
1203     \frame[plain, c, noframenumbering]{\titlepage}
1204   \fi
1205 }
1206 \def\titlepage{
1207   % \setkeys{beamerframe}{c} % no effect
1208   % \setkeys{beamerframe}{plain} % no effect
1209   % \setbeamertemplate{footline}[empty] % no effect
1210   % \setkeys{beamerframe}{nofootline} % create error of unclosed env
1211   \usebeamertemplate{title~page}
1212 }
```

(End of definition for \maketitle and \titlepage. These functions are documented on page ??.)

`\defbeamertemplate{title-graphic}{gotham}`

Definition of elements templates that will be used in titlepage.

The following test files are used for this code: gotham-test-038.

```

1213 \defbeamertemplate*{title~graphic}{gotham}{
1214   % \vbox to 0pt {% %%%% MODIFIED !
1215   \vbox{
1216     % \vspace*{2em} %%%% COMMENT ADDED !
1217     \inserttitlegraphic
1218   }
1219   \nointerlineskip
1220 }
1221 \defbeamertemplate*{title}{gotham}{
1222   %\raggedright% %%%% COMMENT ADDED !
1223   \linespread{1.0}
1224   \inserttitle
1225   \par
1226   \vspace*{0.5em}
1227 }
1228 \defbeamertemplate*{subtitle}{gotham}{
1229   %\raggedright% %%%% COMMENT ADDED !
1230   \insertsubtitle
1231   \par
1232   \vspace*{0.5em}
1233 }
1234 \defbeamertemplate*{author}{gotham}{
1235   \vspace*{1.em}
1236   \insertauthor
1237   \par
1238   \vspace*{0.25em}
1239 }
1240 \defbeamertemplate*{date}{gotham}{
```

```

1241 \insertdate
1242 \par
1243 }
1244 \defbeamertemplate*{institute}{gotham}{
1245 \vspace*{3mm}
1246 \insertinstitute
1247 \par
1248 }

```

(End of definition for `\defbeamertemplate{title-graphic}{gotham}`. This function is documented on page ??.)

```

\l__gotham_titleseparator_width_dim Define the new lengths that will be used for titlepage templates.
\l__gotham_titleseparator_height_dim
\l__gotham_title_width_dim
\l__gotham_subtitle_width_dim
\l__gotham_title_max_width_dim
1249 \dim_new:N \l__gotham_titleseparator_width_dim
1250 \dim_set:Nn \l__gotham_titleseparator_width_dim {\textwidth}
1251 \dim_new:N \l__gotham_titleseparator_height_dim
1252 \dim_set:Nn \l__gotham_titleseparator_height_dim {2pt}
1253 % \newlength{titlewidth}
1254 % \newlength{subtitlewidth}
1255 % \newlength{maxwidth}
1256 \dim_new:N \l__gotham_title_width_dim
1257 \dim_new:N \l__gotham_subtitle_width_dim
1258 \dim_new:N \l__gotham_title_max_width_dim

```

(End of definition for `\l__gotham_titleseparator_width_dim` and others.)

`\defbeamertemplate*{title-separator}{gotham}` Define a new template for “line” displayed on some titlepage templates.

```

1259 \defbeamertemplate*{title-separator}{gotham}{
1260 \begin{tikzpicture}
1261 % \fill[fg] (0,0) rectangle (\gotham@titleseparator@linewidth, \gotham@titleseparator@lineheight);
1262 \fill[fg] (0,0) rectangle
1263 (\dim_use:N \l__gotham_titleseparator_width_dim,
1264 \dim_use:N \l__gotham_titleseparator_height_dim);
1265 \end{tikzpicture}
1266 \par
1267 }

```

(End of definition for `\defbeamertemplate*{title-separator}{gotham}`. This variable is documented on page ??.)

`\gothamtitlepagelogo` The following test files are used for this code: *gotham-test-038*.

```

1268 \providecommand{\gothamtitlepagelogo}{}

```

(End of definition for `\gothamtitlepagelogo`. This variable is documented on page ??.)

`\gothamtitlepagebg` The following test files are used for this code: *gotham-test-038*.

```

1269 \providecommand{\gothamtitlepagebg}{}

```

(End of definition for `\gothamtitlepagebg`. This variable is documented on page ??.)

`\defbeamertemplate{title-page}{gotham-normal}` Template for the normal gotham title page. Each element is only typeset if it is defined by the user. If `\subtitle` is empty, for example, it won’t leave a blank space on the title slide.

The following test files are used for this code: *gotham-test-038*, *gotham-test-056*, *gotham-test-1027*.

```

1270
1271 % Beamer's definition of |\insertauthor| is always nonempty, so we have to test another macro
1272 % This solution was suggested by Sam Carter in an answer to \href{https://tex.stackexchange.
1273
1274 \defbeamertemplate{title~page}{gotham-normal}{
1275   \ifx\insertframetitle\@empty\else\vspace*{-3em}\fi
1276   \begin{picture}(0,0)
1277     % the background covering the whole page
1278     \put(-30,-125){\noindent
1279       \fcolorbox{normal~text.bg}{normal~text.bg}{
1280         \begin{minipage}[b][\paperheight]{\paperwidth}
1281           \hfil
1282           \end{minipage}
1283       }
1284     }
1285
1286     % The text: title, author, institute, etc.
1287     \put(-3.4,-125){\noindent
1288       \fcolorbox{normal~text.bg}{normal~text.bg}{
1289         \begin{minipage}[b][\paperheight]{\textwidth}
1290           \parbox[c][0pt][c]{0pt}{\gothamtitlepagebg}
1291           \centering
1292           \vfill
1293           \ifx\inserttitle\@empty\else
1294             \parbox{0.99\textwidth}{\centering
1295               \usebeamertemplate*{title}
1296             }\\[1.ex]
1297           \fi
1298           \ifx\insertsubtitle\@empty\else
1299             \parbox{0.99\textwidth}{\centering
1300               \usebeamertemplate*{subtitle}
1301             }\\[2.ex]
1302           \fi
1303           % \hspace*{-0pt}
1304           \usebeamertemplate*{title~separator}
1305           % from above patch
1306           \expandafter\ifblank\expandafter{\beamer@andstripped}{
1307             % empty author
1308             \vspace*{1.em}
1309           }{
1310             \usebeamertemplate*{author}
1311           }
1312           \ifx\insertdate\@empty\else\usebeamertemplate*{date}\fi
1313           \ifx\insertinstitute\@empty\else{\parbox{0.95\textwidth}{\raggedright\usebeamertemplate*
1314             \vfill
1315             \vbox{}
1316           \end{minipage}
1317         }
1318       % end third argument of fcolorbox
1319     }
1320
1321     % the institute logo on title page
1322     \put(234,-120){
1323       \gothamtitlepagelogo

```



```

1324 }
1325
1326 % the extra logos on title page (\inserttitlegraphic)
1327 \put(0,-123){
1328   \noindent\vbox{
1329     \begin{minipage}[b][0.96\paperheight]{\paperwidth}
1330       \ifx\inserttitlegraphic\empty\else\usebeamertemplate*{title~graphic}\fi
1331     \end{minipage}
1332   }
1333 }
1334 \end{picture}
1335 }

```

(End of definition for `\defbeamertemplate{title~page}{gotham~normal}`. This function is documented on page ??.)

`beamertemplate{title~page}{gotham~reversed}`

With a similarly layout to gotham normal, but this template inverses the background and foreground colors compared to the color mode chose (dark, light or transparent).

The following test files are used for this code: *gotham-test-038*.

```

1336 \defbeamertemplate{title~page}{gotham~reversed}{
1337   \begin{picture}(0,0)
1338     % The background picture
1339     \put(-28,-128){\gothamtitlepagebg}
1340
1341     % The text: title, author, institute, etc.
1342     \put(-3.4,-125){\noindent
1343       % \fcolorbox{declared-color-frame}{declared-color-background}{text}
1344       \ifbool{darkBG}{
1345         % Dark true
1346         \setbeamercolor{normal~text}{fg=colorFG, }
1347         \fcolorbox{colorPale}{colorPale}% reversed
1348       }{
1349         % Light
1350         \setbeamercolor{normal~text}{fg=colorBG, }
1351         \fcolorbox{colorTitlepage}{colorTitlepage}% reversed
1352       }% end if
1353       {
1354         % begin third argument of fcolorbox
1355         %\fcolorbox{normal~text.fg}{normal~text.fg}{
1356         \begin{minipage}[b][\paperheight]{\textwidth}
1357           \centering
1358           \vfill
1359           \ifx\inserttitle\empty\else\usebeamertemplate*{title}\fi
1360           \ifx\insertsubtitle\empty\else\usebeamertemplate*{subtitle}\fi
1361           \usebeamertemplate*{title~separator}
1362           \expandafter\ifblank\expandafter{\beamer@andstripped}{
1363             % empty author
1364             \vspace*{1.em}
1365           }{
1366             \usebeamertemplate*{author}
1367           }
1368           \ifx\insertdate\empty\else\usebeamertemplate*{date}\fi
1369           \ifx\insertinstitute\empty\else{\parbox{0.9\textwidth}{\raggedright\usebeamertemplate*
1370             \vfill

```

```

1371     \vbox{}
1372     \end{minipage}
1373   }
1374   % end third argument of fcolorobx
1375 }
1376
1377 % the institute logo on title page
1378 \put(234,-120){
1379   \gothamtitlepagelogo
1380 }
1381
1382 % the extra logos on title page (\inserttitlegraphic)
1383 \put(-27,-123){
1384   \noindent\vbox{
1385     \begin{minipage}[b][0.96\paperheight]{0.899\textwidth}
1386       \ifx\inserttitlegraphic\@empty\else\usebeamertemplate*{title~graphic}\fi
1387     \end{minipage}
1388   }
1389 }
1390 \end{picture}
1391 }

```

(End of definition for `\defbeamertemplate{title~page}{gotham-reversed}`. This function is documented on page ??.)

`\gothamDividedPicTop` variables controlling the dimensions of the trapezoid splitting the title page for the gotham divided style.

```

\gothamDividedPicBottomIncr
\gothamDividedPicTextWidth
1392 \newlength{\gothamDividedPicTop}
1393 \newlength{\gothamDividedPicBottomIncr}
1394 \setlength{\gothamDividedPicTop}{0.275\paperwidth}
1395 \setlength{\gothamDividedPicBottomIncr}{0.275\paperwidth}
1396 \newlength{\gothamDividedPicTextWidth}
1397 \setlength{\gothamDividedPicTextWidth}{.55\textwidth}

```

(End of definition for `\gothamDividedPicTop`, `\gothamDividedPicBottomIncr`, and `\gothamDividedPicTextWidth`. These variables are documented on page ??.)

`\amertemplate{title~page}{gotham-dividedpic}` This title page template is inspired from <https://github.com/LukasPietzschmann/awesome-beamer>

The following test files are used for this code: `gotham-test-038`, `gotham-test-1044`.

```

1398 \defbeamertemplate{title~page}{gotham-dividedpic}{
1399   \def\titlecontent{\usebeamerfont{title}\usebeamercolor[fg]{title}\inserttitle}
1400   \def\subtitlecontent{\usebeamerfont{subtitle}\usebeamercolor[fg]{subtitle}\insertsubtitle}
1401   \settowidth\l__gotham_title_width_dim\titlecontent
1402   \settowidth\l__gotham_subtitle_width_dim\subtitlecontent
1403   \setlength\l__gotham_title_max_width_dim{\ifdim\l__gotham_title_width_dim>\l__gotham_subtitle_width_dim\l__gotham_title_width_dim\else\l__gotham_subtitle_width_dim\fi}
1404   % \thispagestyle{navigation@titlepage}
1405   \begin{minipage}{\gothamDividedPicTextWidth}
1406     \raggedright
1407     \titlecontent\\
1408     \subtitlecontent\\
1409
1410     \textcolor{colorProgBar}{\rule{\ifdim\l__gotham_title_max_width_dim<\gothamDividedPicTextWidth}{\gothamDividedPicTextWidth}{\gothamDividedPicTextWidth}}
1411

```

```

1412 \expandafter\ifblank\expandafter{\beamer@andstripped}{
1413   % empty author
1414   \vspace*{2.5em}
1415 }{%
1416   \usebeamerfont{author}\usebeamercolor[fg]{author}
1417   \insertauthor\\
1418 }
1419 \ifx\beamer@shortauthor\@empty{
1420   % empty short author
1421 } \else{
1422   \ifx\beamer@shortauthor\beamer@andstripped{
1423     % if the short author is equal to the author skip it.
1424   } \else{
1425     \usebeamerfont{author}\usebeamercolor[fg]{author}
1426     {\insertshortauthor} \par
1427     \vspace{0.5em}
1428   } \fi
1429 }
1430 \fi
1431 \ifx\insertinstitute\@empty\else{
1432   \usebeamertemplate*{institute}\vspace{1.5em}
1433 } \fi
1434 \insertdate
1435 \end{minipage}
1436
1437 % \ifdefined\@background
1438 \begin{tikzpicture}[remember picture, overlay]
1439   \clip (current page.south east)
1440     -- (current page.north east)
1441     -- ++(-\gothamDividedPicTop, 0)
1442     -- ++(-\gothamDividedPicBottomIncr, -\paperheight)
1443     -- cycle;
1444
1445   \ifx\gothamtitlepagebg\@empty
1446     \fill[
1447       right color=colorTitlepage!100,
1448     ]
1449     (current page.south east)
1450     rectangle
1451     ++(\dimexpr-\gothamDividedPicTop-\gothamDividedPicBottomIncr, \dimexpr\paperheight);
1452   \else
1453     \node[
1454       anchor=south east,
1455       inner sep=0,
1456       outer sep=0
1457     ] at (current page.south east) {
1458       % \includegraphics[height=\paperheight]{\@background}
1459       \gothamtitlepagebg
1460     };
1461   \fi
1462 \end{tikzpicture}
1463 }

```

(End of definition for `defbeamertemplate{title-page}{gotham-dividedpic}`. This function is documented on page ??.)

eamertemplate{title-page}{gotham-splitvert} This title page template is inspired from <https://github.com/pcafrica/focus-beamertheme>

The following test files are used for this code: gotham-test-038.

```
1464 \defbeamertemplate{title~page}{gotham-splitvert}{
1465 % \IfEmpty{\insertframetitle}{
1466 \ifx\beamer@frametitle\@empty
1467 \vspace*{-0.5\paperheight}
1468 \else %}{
1469 \vspace*{-0.63\paperheight}
1470 \fi %}
1471 {
1472 \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}%
1473 \begin{tikzpicture}[overlay, remember=picture]
1474 \fill[color=gotham@@tempColor] (current-page.north-west) rectangle ([shift = {(0, -0.45\p
1475 \end{tikzpicture}
1476 }
1477
1478 % \vspace{1.65\baselineskip}
1479 \begin{minipage}[b] [0.5\paperheight]{\textwidth}
1480 % \vspace{\baselineskip}
1481 \vbox{}
1482 \vfill
1483 {
1484 \usebeamerfont{title}
1485 \usebeamercolor[fg]{frametitle}
1486 \inserttitle
1487 }
1488 \ifx\insertsubtitle\@empty\else
1489 \\\[1ex]
1490 {
1491 \usebeamerfont{subtitle}
1492 \usebeamercolor[fg]{frametitle}
1493 \insertsubtitle
1494 }
1495 \fi
1496 \vspace{1.\baselineskip}
1497 \end{minipage}
1498
1499
1500 % Set the title graphic in a zero-height box, so that
1501 % the position of other elements is not affected.
1502 \ifx\inserttitlegraphic\@empty\else
1503 \newline
1504 \vspace*{-1.65\baselineskip}
1505 % {\vfuzz=9999pt\vbox-to~0pt {
1506 {\parbox[c] [0pt] [c]{\textwidth}{
1507 \raggedleft
1508 \inserttitlegraphic
1509 % \usebeamertemplate*{title~graphic}
1510 }}
1511 \fi
1512
1513 % \ifx\insertauthor\empty\else
1514 \expandafter\ifblank\expandafter{\beamer@andstripped}{
```

```

1515 % empty author
1516 \vspace*{1.em}
1517 }{
1518 \newline
1519 \begin{minipage}[t]{\textwidth}
1520 % \usebeamercolor{normal~text}
1521 % \usebeamerfont{author}
1522 % \insertauthor
1523 \vspace*{-0.65\baselineskip}
1524 \usebeamertemplate*{author}
1525 \end{minipage}
1526 }
1527 % \fi
1528
1529 \ifx\insertinstitute\@empty\else
1530 \newline
1531 \vspace*{-1.65\baselineskip}
1532 \begin{minipage}[t]{\textwidth}
1533 % \usebeamerfont{institute}
1534 % \insertinstitute
1535 \usebeamertemplate*{institute}
1536 \end{minipage}
1537 \fi
1538
1539 \ifx\insertdate\@empty\else
1540 \newline
1541 \begin{minipage}[t]{\textwidth}
1542 \vspace*{2.65\baselineskip}
1543 % \usebeamerfont{date}
1544 % \insertdate
1545 \usebeamertemplate*{date}
1546 \end{minipage}
1547 \vspace*{-3.15\baselineskip}
1548 \fi
1549 }

```

(End of definition for defbeamertemplate{title-page}{gotham-splitvert}. This function is documented on page ??.)

`__gotham_set_template:nn` #1 : element name (from beamer doc) in other word, the name the template category
 #2 : predefined option (from beamer doc)
 Function to set a beamertemplate with an option if it exists, otherwise an error is raised.
 Unfortunatly, (as far as I know) it not possible to test if the element name exists independently from the predefined option.

The following test files are used for this code: gotham-test-038.

```

1550 \cs_if_exist:NTF \__gotham_set_template:nn {}{
1551 % If it doesn't exist, then create it.
1552
1553 % Define the command to set template if it exists.
1554 \cs_new_protected:Nn \__gotham_set_template:nn
1555 {
1556   \cs_if_exist:cTF {beamer@tmpop@#1@#2} {
1557     \setbeamertemplate{#1}[#2]
1558   }{
1559     \PackageError{beamerinnerthemegotham}
1560     {The~beamer~template~named~'#1'~with~the~option~'#2'~does~not~exist}
1561     {helping~message~unknown~setbeamertemplate~option}
1562   }
1563 }
1564 }
```

`inner_key_~_interface` Controls for the title page templates.

The following test files are used for this code: gotham-test-038.

```

1565 \keys_define:nn { gotham / inner }
1566 {
1567   % title~page
1568   title~page .usage:n = { general },
1569   title~page .default:n = { gotham~normal },
1570   title~page .code:n = { \__gotham_set_template:nn{title~page}{#1} },
1571 }
```

(End of definition for inner key - interface. This function is documented on page ??.)

Backgrounds

```

1572 % Background lengths
1573 % \newlength{\imageBGoffset}
1574 % \setlength{\imageBGoffset}{\paperwidth}
1575 % \addtolength{\imageBGoffset}{-8.5mm}
```

`\l_gotham_template_name_prop` Dictionary/map of template elements and predefined option according to the context. Naming convention: template/What/Who, i.e. Name: key=background canvas/watermark, value = gotham draft

```

1576 \prop_if_exist:NTF \l_gotham_template_name_prop
1577 {}{
1578 % if not defined than define it.
1579 \prop_new:N \l_gotham_template_name_prop
1580 }
```

(End of definition for \l_gotham_template_name_prop.)

```

amertemplate{background-canvas}{empty}{def} empty background canvas that contains color, that can be used to reset background.
    The following test files are used for this code: gotham-test-038.

1581 \defbeamertemplate{background-canvas}{empty}{% empty background style has a color.
1582 % \ifbeamercoloreempty[bg]{background}{\color{bg}\vrule width\paperwidth height\paperheight}
1583 \hspace*{28pt}
1584 \begin{beamercolorbox}[wd=\paperwidth,
1585     ht=\paperheight,
1586 ]{background}
1587     % nothing to write, only a background color
1588     \end{beamercolorbox}
1589 }%
1590 \defbeamertemplate{background}{empty}{}%

(End of definition for \defbeamertemplate{background-canvas}{empty}{def}. This function is documented on page ??.)

te{background}{watermark/gotham-draft}{def} Background that contains a watermakr stamp with the word: DRAFT.
    The following test files are used for this code: gotham-test-038.

1591 \defbeamertemplate{background}{watermark/gotham-draft}{
1592     \begin{tikzpicture}[overlay,remember=picture]
1593         \node[color=red, opacity=0.3, scale=5, rotate=45] at ([shift={(0,0)}]current~page.center)
1594         \end{tikzpicture}
1595     }
1596     % Add the template to the prop (dictionary)
1597     \prop_put:Nnn \l__gotham_template_name_prop {background/watermark} {gotham-draft}

(End of definition for \defbeamertemplate{background}{watermark/gotham-draft}{def}. This function is documented on page ??.)

```

`__gotham_add_beamerframe_key:n`

#1 : Name of the option to add, this name should also correspond to the name of the environment followed by the suffix 'env'.

Function to add an option of a frame using an environment. For example, if the name 'optionA' is the argument given to the function, an frame option named 'optionA' will be added, and this option will surround the frame with the environment named 'optionAenv'. So, the environment 'optionA' must have been declared before.

The following test files are used for this code: gotham-test-038.

```
1598 \seq_if_exist:NTF \l__gotham_frameoption_tmp_seq {}{
1599 % Define the sequence of frameoptions environments to close
1600 \seq_new:N \l__gotham_frameoption_tmp_seq
1601 }
1602
1603 \cs_if_exist:NTF \__gotham_add_beamerframe_key:n {}{
1604 % if it doesn't exist, then create it.
1605
1606 % Define the command to add frameoptions
1607 \cs_new_protected:Nn \__gotham_add_beamerframe_key:n {
1608   \define@key{beamerframe}{#1}[true]{
1609     \begin{#1env}
1610     \seq_put_left:Nn \l__gotham_frameoption_tmp_seq { \end{#1env} }
1611   }
1612 }
1613
1614 % At the end of frames close the opened environments.
1615 \apptocmd{\beamer@reseteecodes}{
1616   % Join elements in the queue without separator then output the result
1617   \seq_use:Nn \l__gotham_frameoption_tmp_seq {}
1618   % clear working queue
1619   \seq_clear:N \l__gotham_frameoption_tmp_seq
1620 }{}{}
1621 }
```

`\begin{frame}[noBGC]` Add a frame option noBGC to display an empty background canvas. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-038.

```
1622
1623 \newenvironment{noBGCEnv}{
1624   \setbeamertemplate{background~canvas}[empty]
1625 }{}
1626 \__gotham_add_beamerframe_key:n {noBGC}
```

(End of definition for \begin{frame}[noBGC]. This function is documented on page ??.)

`\l_gotham_defaultWatermark` Boolean variable to display the watermark by default (or not).

The following test files are used for this code: gotham-test-038.

```
1627 \bool_new:N \l_gotham_defaultWatermark
1628 \bool_set_false:N \l_gotham_defaultWatermark
1629 % At every new frame, reset the options to default (unless some options/keys are given)
1630 \BeforeBeginEnvironment{frame}{
```



```

1631 \bool_if:NTF \l_gotham_defaultWatermark {
1632   \setbeamertemplate{background}[watermark/\prop_item:Nn \l__gotham_template_name_prop {back
1633 }{% false
1634   \setbeamertemplate{background}[empty]
1635 }
1636 }

```

(End of definition for \l_gotham_defaultWatermark. This function is documented on page ??.)

`\begin{frame}[watermark]` Add a frame option `watermark` to display an empty background canvas. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-038.

```

1637 % bool to trigger the add of watermark in background
1638 \newenvironment{watermarkenv}{
1639   \setbeamertemplate{background}[
1640     watermark/\prop_item:Nn \l__gotham_template_name_prop {background/watermark}
1641   ]
1642 }{}
1643 \__gotham_add_beamerframe_key:n {watermark}

```

(End of definition for \begin{frame}[watermark]. This function is documented on page ??.)

`\begin{frame}[nowatermark]` Add a frame option `nowatermark` to do not display an empty background canvas. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-038.

```

1644 % bool to trigger the add of nowatermark in background
1645 \newenvironment{nowatermarkenv}{
1646   \setbeamertemplate{background}[empty]
1647 }{}
1648 \__gotham_add_beamerframe_key:n {nowatermark}

```

(End of definition for \begin{frame}[nowatermark]. This function is documented on page ??.)

```

\l__gotham_tmpa_seq tmp variables
\l__gotham_tmpa_tl
\l__gotham_tmpb_tl
1649 \seq_if_exist:NTF \l__gotham_tmpa_seq
1650 {}{
1651   % sequence
1652   \seq_new:N \l__gotham_tmpa_seq
1653 }
1654 \tl_if_exist:NTF \l__gotham_tmpa_tl
1655 {}{
1656   % token list A
1657   \tl_new:N \l__gotham_tmpa_tl
1658 }
1659 \tl_if_exist:NTF \l__gotham_tmpb_tl
1660 {}{
1661   % token list B
1662   \tl_new:N \l__gotham_tmpb_tl
1663 }

```

(End of definition for \l__gotham_tmpa_seq, \l__gotham_tmpa_tl, and \l__gotham_tmptb_tl.)

__gotham_set_prop_template:nn

#1 : element name (from beamer doc) in other word, the name the template category

#2 : predefined option (from beamer doc)

Function that store in a map the name a template use later. The following naming convention is used: Template/What/Who Name: watermark/gotham draft. The means for example that if a beamer template is defined using \defbeamertemplate{background}{watermark/gotham

then the function has to be call using __gotham_set_prop_template{background/watermark}{gotham

that will filled internally the map using the l3 command \prop_put:Nnn \l__gotham_template_name_prop

If the template name given as input does not exist, an error is raised.

The following test files are used for this code: gotham-test-039.

```

1664 \cs_if_exist:NTF \__gotham_set_prop_template:nn {}{
1665 % if it doesn't exist, then create it.
1666 \cs_new_protected:Nn \__gotham_set_prop_template:nn
1667 {
1668 % Check if the first argument contains a /
1669 \tl_if_in:nnTF { #1 } { / }
1670 {
1671 % Split the first around the /
1672 \seq_set_split:Nnn \l__gotham_tmpa_seq { / } { #1 }
1673 \tl_set:Nn \l__gotham_tmpa_tl { \seq_item:Nn \l__gotham_tmpa_seq { 1 } }
1674 \tl_set:Nn \l__gotham_tmptb_tl { \seq_item:Nn \l__gotham_tmpa_seq { 2 } }
1675 % Check if template exist
1676 \cs_if_exist:cTF {beamer@@tmpop@\exp_not:V \l__gotham_tmpa_tl @\exp_not:V \l__gotham_tmptb_tl}{
1677 % set the value in the map, so it can be called later.
1678 \prop_put:Nnn \l__gotham_template_name_prop {#1} {#2}
1679 % \setbeamertemplate{#1}[#2]
1680 }{
1681 \PackageError{beamerthemegotham}
1682 {The~beamer~template~named~'\l__gotham_tmpa_tl'~with~the~option~'\l__gotham_tmptb_tl/#2'~
1683 {helping~message}
1684 }
1685 }{% false -> error
1686 \PackageError{beamerthemegotham}
1687 {%
1688 When~using~'\c_backslash_str\cs_to_str:N \__gotham_set_prop_template'~the~first~argument
1689 As~example:~if~'\c_backslash_str \defbeamertemplate{background}{watermark/gotham-draft}'~
1690 }{helping~message}
1691 }
1692 }
1693 }
```

inner_key_~interface Controls the inner settings for background and watermark).

The following test files are used for this code: gotham-test-037.

```

1694 \keys_define:nn { gotham / inner }{
1695 % watermark template
1696 watermark~template .usage:n = { general },
1697 watermark~template .default:n = { gotham~draft },
1698 watermark~template .code:n = { \__gotham_set_prop_template:nn{background/watermark}{#1} },
1699 }
```

```

1700 \keys_define:nn { gotham / inner }{
1701   % watermark default
1702   watermark~default .choice:,
1703   watermark~default .usage:n = { general },
1704   watermark~default .default:n = { false },
1705
1706   watermark~default / true .code:n = { \bool_set_true:N \l_gotham_defaultWatermark },
1707   watermark~default / on .code:n = { \bool_set_true:N \l_gotham_defaultWatermark },
1708   watermark~default / enable .code:n = { \bool_set_true:N \l_gotham_defaultWatermark },
1709
1710   watermark~default / false .code:n = { \bool_set_false:N \l_gotham_defaultWatermark },
1711   watermark~default / off .code:n = { \bool_set_false:N \l_gotham_defaultWatermark },
1712   watermark~default / disable .code:n = { \bool_set_false:N \l_gotham_defaultWatermark },
1713
1714   watermark~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~unkn
1715 }

```

(End of definition for inner key - interface. This function is documented on page ??.)

Stand IN/OUT

`\begin{frame}[c]` Add a frame option `c` for improved vertically centered text in the frame. By default, Beamer frames offer the `c` option to *almost* vertically center the text, but the placement is a little too high. To fix this, we redefine the `c` option to equalize `\beamer@frametopskip` and `\beamer@framebottomskip`. This solution was suggested by Enrico Gregorio in an answer to [this Stack Exchange question](#).

The following test files are used for this code: *gotham-test-039*.

```

1716 \define@key{beamerframe}{c}[true]{
1717   \beamer@frametopskip=0pt~plus~1fill\relax
1718   \beamer@framebottomskip=0pt~plus~1fill\relax
1719   \beamer@frametopskipautobreak=0pt~plus~.4\paperheight\relax
1720   \beamer@framebottomskipautobreak=0pt~plus~.6\paperheight\relax
1721   \def\beamer@initfirstlineunskip{}
1722 }

```

(End of definition for `\begin{frame}[c]`. This function is documented on page ??.)

`\template{background-canvas}{standout/gotham}` Definition of the background canvas template used by the standout frame of gotham theme.

The following test files are used for this code: *gotham-test-040*.

```

1723 \defbeamertemplate{background-canvas}{standout/gotham}{
1724   % copied from beamer default
1725   \ifbeamercoloreempty{bg}{standout}{
1726     % if the background standout color is transparent, do nothing.
1727   }{
1728     \usebeamercolor{bg}{standout}\color{bg}
1729     \vrule~width\paperwidth~height\paperheight
1730   }
1731 }
1732 % Add the template to the prop (dictionary) of background template to use according to the s
1733 \prop_put:Nnn \l__gotham_template_name_prop {background-canvas/standout} {gotham}

```

(End of definition for `\defbeamertemplate{background-canvas}{standout/gotham}`. This function is documented on page ??.)

`\defbeamertemplate{standout}{gotham}` Definition of the standout template used by the standout frame of gotham theme. This includes background canvas template, fonts and colors.

The following test files are used for this code: gotham-test-040.

```

1734 \defbeamertemplate*{standout}{gotham}{
1735 % \setkeys{beamerframe}{c}
1736 % \setkeys{beamerframe}{noframenumbering}
1737 % \centering
1738
1739 \setbeamertemplate{background~canvas}[standout/\prop_item:Nn \l__gotham_template_name_prop
1740 % \usebeamertemplate{background~canvas}%[standout/gotham]
1741 \usebeamerfont{standout}
1742 % if the background color is switched, then change foreground (font) color.
1743 \ifbeamercoloreempty[bg]{primary~palette}{
1744 %true : empty background (transparent)
1745 \setbeamercolor{background~canvas}{
1746 use=primary~palette,
1747 bg=primary~palette.fg
1748 }
1749 }{
1750 %false : background not empty (dark or light)
1751 \setbeamercolor{background~canvas}{
1752 use=primary~palette,
1753 bg=primary~palette.bg
1754 }
1755 }
1756 \setbeamercolor{local~structure}{fg=primary~palette.bg}
1757 \usebeamercolor[fg]{primary~palette}
1758 }
```

(End of definition for `\defbeamertemplate{standout}{gotham}`. This function is documented on page ??.)

`\begin{frame}[standout]` Add a frame option `standout` to display the standout frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-040.

```

1759 \newenvironment{standoutenv}{
1760 \usebeamertemplate{standout}
1761 }{}
1762 \__gotham_add_beamerframe_key:n {standout}
```

(End of definition for `\begin{frame}[standout]`. This function is documented on page ??.)

`template{background~canvas}{standin/gotham}` Definition of the background canvas template used by the standin frame of gotham theme.

The following test files are used for this code: gotham-test-040.

```

1763 \defbeamertemplate{background~canvas}{standin/gotham}{
1764 \ifbeamercoloreempty[bg]{standin}{
1765 % if the background standin color is transparent, do nothing.
1766 }{
1767 % Uncomment this if-condition to have a 'light' background in 'transparent' color-mode.
1768 \ifbool{transparentBG}{
1769 % \color{} is not possible so, it is better to do nothing for transparent bg than creatin
1770 }
```

```

1771 \usebeamercolor[bg]{standin}\color{bg}
1772 \vrule~width\paperwidth~height\paperheight
1773 }
1774 }
1775 }
1776 % Add the template to the prop (dictionary) of background template to use according to the s
1777 \prop_put:Nnn \l__gotham_template_name_prop {background~canvas/standin} {gotham}

```

(End of definition for `\defbeamertemplate{background~canvas}{standin/gotham}`. This function is documented on page ??.)

`\defbeamertemplate{standout}{gotham}` Definition of the standout template used by the standout frame of gotham theme. This includes background canvas template, fonts and colors.

The following test files are used for this code: gotham-test-040.

```

1778 \defbeamertemplate*{standin}{gotham}{
1779 %
1780 % \setkeys{beamerframe}{c}
1781 % \setkeys{beamerframe}{noframenumbering}
1782 % \centering
1783 \setbeamertemplate{background~canvas}[standin/\prop_item:Nn \l__gotham_template_name_prop {
1784 % \usebeamertemplate{background~canvas}%[standin/gotham]
1785 \usebeamerfont{standin}
1786 %
1787 % Uncomment this if-condition to have a 'light' frametitle in 'transparent' color-mode.
1788 % \ifbeamercolorempy[bg]{normal~text}{
1789 % %true : empty background (transparent)
1790 % \setbeamercolor{frametitle}{
1791 % use=normal~text,
1792 % bg=colorBG,
1793 % fg=normal~text.fg
1794 % }
1795 % }{
1796 % false
1797 \setbeamercolor{frametitle}{
1798 use=normal~text,
1799 bg=normal~text.bg,
1800 fg=normal~text.fg
1801 }
1802 % }
1803 % \setbeamercolor{frametitle}{
1804 % use=normal~text,
1805 % bg=normal~text.bg,
1806 % fg=normal~text.fg
1807 % }
1808 }

```

(End of definition for `\defbeamertemplate{standout}{gotham}`. This function is documented on page ??.)

`\begin{frame}[standin]` Add a frame option `standin` to display the standin frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-040.

```

1809 \newenvironment{standinenv}{

```

```

1810 \usebeamertemplate{standin}
1811 }{}
1812 \__gotham_add_beamerframe_key:n {standin}

```

(End of definition for `\begin{frame}[standin]`. This function is documented on page ??.)

`inner_key_—interface` Controls the inner settings for `standout` and `standin`.

The following test files are used for this code: `gotham-test-037`.

```

1813 \keys_define:nn { gotham / inner }
1814 {
1815   % standout BG template
1816   standout~BG~template .usage:n = { general },
1817   standout~BG~template .default:n = { gotham },
1818   standout~BG~template .code:n = {
1819     \__gotham_set_prop_template:nn{background~canvas/standout}{#1}
1820   },
1821 }
1822 \keys_define:nn { gotham / inner }
1823 {
1824   % standin BG template
1825   standin~BG~template .usage:n = { general },
1826   standin~BG~template .default:n = { gotham },
1827   standin~BG~template .code:n = {
1828     \__gotham_set_prop_template:nn{background~canvas/standin}{#1}
1829   },
1830 }
1831 \keys_define:nn { gotham / inner }
1832 {
1833   % standout template
1834   standout~template .usage:n = { general },
1835   standout~template .default:n = { gotham },
1836   standout~template .code:n = {
1837     \__gotham_set_template:nn{standout}{#1}
1838   },
1839 }
1840 \keys_define:nn { gotham / inner }
1841 {
1842   % standin template
1843   standin~template .usage:n = { general },
1844   standin~template .default:n = { gotham },
1845   standin~template .code:n = {
1846     \__gotham_set_template:nn{standin}{#1}
1847   },
1848 }

```

(End of definition for `inner key - interface`. This function is documented on page ??.)

Sections

`\begin{frame}[part]` Add a frame option `part` to display the part frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: `gotham-test-041`.

```

1849 \bool_new:N \l_gotham_partframe
1850 \bool_set_false:N \l_gotham_partframe

```

```

1851 \define@key{beamerframe}{part}[true]{
1852   \bool_set_true:N \l_gotham_partframe
1853   \begingroup
1854     \usebeamertemplate{part~frame}
1855   }
1856   \apptocmd{\beamer@reseteecodes}{
1857     \bool_if:NTF \l_gotham_partframe {
1858       \endgroup
1859       \bool_set_false:N \l_gotham_partframe
1860     }{}
1861   }{}
1862   % \define@key{beamerframe}{part}[true]{
1863   %   \thispagestyle{navigation@part}
1864   % }
1865   % \def\ps@navigation@part{
1866   %   \usebeamertemplate{part~frame}
1867   %   \@nameuse{ps@navigation}
1868   % }

```

(End of definition for `\begin{frame}[part]`. This function is documented on page ??.)

`\begin{frame}[section]` Add a frame option `section` to display the section frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-041.

```

1869 \bool_new:N \l_gotham_sectionframe
1870 \bool_set_false:N \l_gotham_sectionframe
1871 \define@key{beamerframe}{section}[true]{
1872   \bool_set_true:N \l_gotham_sectionframe
1873   \begingroup
1874     \usebeamertemplate{section~frame}
1875   }
1876   \apptocmd{\beamer@reseteecodes}{
1877     \bool_if:NTF \l_gotham_sectionframe {
1878       \endgroup
1879       \bool_set_false:N \l_gotham_sectionframe
1880     }{}
1881   }{}
1882   % \define@key{beamerframe}{section}[true]{
1883   %   \thispagestyle{navigation@section}
1884   % }
1885   % \def\ps@navigation@section{
1886   %   \usebeamertemplate{section~frame}
1887   %   \@nameuse{ps@navigation}
1888   % }

```

(End of definition for `\begin{frame}[section]`. This function is documented on page ??.)

`\begin{frame}[subsection]` Add a frame option `subsection` to display the subsection frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-041.

```

1889 \bool_new:N \l_gotham_subsectionframe
1890 \bool_set_false:N \l_gotham_subsectionframe

```

```

1891 \define@key{beamerframe}{subsec}[true]{
1892   \bool_set_true:N \l_gotham_subsubsectionframe
1893   \begingroup
1894     \usebeamertemplate{subsection~frame}
1895   }
1896   \apptocmd{\beamer@reseteecodes}{
1897     \bool_if:NTF \l_gotham_subsubsectionframe {
1898       \endgroup
1899       \bool_set_false:N \l_gotham_subsubsectionframe
1900     }{}
1901   }{}{}
1902   % \define@key{beamerframe}{subsec}[true]{
1903   %   \thispagestyle{navigation@subsec}
1904   % }
1905   % \def\ps@navigation@subsec{
1906   %   \usebeamertemplate{subsection~frame}
1907   %   \@nameuse{ps@navigation}
1908   % }

```

(End of definition for `\begin{frame}[subsection]`. This function is documented on page ??.)

`\begin{frame}[subsubsection]` Add a frame option `subsubsection` to display the subsubsection frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-041.

```

1909 \bool_new:N \l_gotham_subsubsubsectionframe
1910 \bool_set_false:N \l_gotham_subsubsubsectionframe
1911 \define@key{beamerframe}{subsubsec}[true]{
1912   \bool_set_true:N \l_gotham_subsubsubsectionframe
1913   \begingroup
1914     \usebeamertemplate{subsubsubsection~frame}
1915   }
1916   \apptocmd{\beamer@reseteecodes}{
1917     \bool_if:NTF \l_gotham_subsubsubsectionframe {
1918       \endgroup
1919       \bool_set_false:N \l_gotham_subsubsubsectionframe
1920     }{}
1921   }{}{}
1922   % \define@key{beamerframe}{subsubsec}[true]{
1923   %   \thispagestyle{navigation@subsubsec}
1924   % }
1925   % \def\ps@navigation@subsubsec{
1926   %   \usebeamertemplate{subsubsubsection~frame}
1927   %   \@nameuse{ps@navigation}
1928   % }

```

(End of definition for `\begin{frame}[subsubsection]`. This function is documented on page ??.)

`\providebool{partContent}` Boolean variable to enable the table of contents of the part, and the command containing the 'Part contents' title.

```

1929 % repeated from BeamerExtra
1930 \providebool{partContent}
1931 \booltrue{partContent}
1932 \providecommand{\partContentName}{Part~content}

```


(End of definition for `\providebool{partContent}` and `\partContentName`. These variables are documented on page ??.)

`\providebool{secContent}`
`\secContentName` Boolean variable to enable the table of contents of the section, and the command containing the 'Section contents' title.

```
1933 \providebool{sectionContent}
1934 \booltrue{sectionContent}
1935 \providecommand{\secContentName}{Section~content}
```

(End of definition for `\providebool{secContent}` and `\secContentName`. These variables are documented on page ??.)

`\providebool{subsectionContent}`
`\subsecContentName` Boolean variable to enable the table of contents of the subsection, and the command containing the 'Subsection contents' title.

```
1936 \providebool{subsectionContent}
1937 \booltrue{subsectionContent}
1938 \providecommand{\subsecContentName}{Subsection~content}
```

(End of definition for `\providebool{subsectionContent}` and `\subsecContentName`. These variables are documented on page ??.)

`\providebool{subsubsectionContent}`
`\subsubsecContentName` Boolean variable to enable the table of contents of the subsubsection, and the command containing the 'Subsubsection contents' title.

```
1939 % Subsubsection is not useful (at least up to understanding of the moment) because we do not
1940 \providebool{subsubsectionContent}
1941 \booltrue{subsubsectionContent}
1942 \providecommand{\subsubsecContentName}{Subsubsection~content}
```

(End of definition for `\providebool{subsubsectionContent}` and `\subsubsecContentName`. These variables are documented on page ??.)

`\defbeamertemplate{part-title}{gotham}`
`\defbeamertemplate{section-title}{gotham}`
`\defbeamertemplate{subsection-title}{gotham}` Definitions of templates controlling how will appear the name/title of the parts, sections, subsections and subsubsections.

The following test files are used for this code: gotham-test-041.

```
1943 \def\partname{\translate{Part}}
1944 \defbeamertemplate*{part~title}{gotham}{
1945   \usebeamercolor[fg]{part~title}
1946   \usebeamerfont{part~title}
1947   \partname \ \insertromanpartnumber
1948   \[1.75ex]
1949   \insertpart
1950 }
1951 \defbeamertemplate*{section~title}{gotham}{
1952   \usebeamercolor[fg]{section~title}
1953   \usebeamerfont{section~title}
1954   \insertsectionnumber.~
1955   \insertsectionhead
1956 }
1957 \defbeamertemplate*{subsection~title}{gotham}{
1958   \usebeamercolor[fg]{subsection~title}
1959   \usebeamerfont{subsection~title}
1960   \insertsectionnumber.\insertsubsectionnumber.~
1961   \insertsubsectionhead
1962 }
```

```

1963 \def\subsubsectionname{\translate{Subsubsection}}
1964 \def\insertsubsubsectionnumber{\arabic{subsubsection}}
1965 \def\subsubsectionpage{\usebeamertemplate*{subsubsection~page}}
1966 \defbeamertemplate*{subsubsection~title}{gotham}{
1967   \usebeamercolor[fg]{subsubsection~title}
1968   \usebeamerfont{subsubsection~title}
1969   \insertsectionnumber.\insertsubsectionnumber.\insertsubsubsectionnumber.~
1970   \insertsubsubsectionhead
1971 }

```

(End of definition for \defbeamertemplate{part~title}{gotham}, \defbeamertemplate{section~title}{gotham}, and \defbeamertemplate{subsection~title}{gotham}. These functions are documented on page ??.)

\partpageOptions Options used in \begin{frame}[\partpageOptions,part]{\partpage}... TESTED
\sectionpageOptions in gotham-test-1039

```

1972 \providecommand{\partpageOptions}{noframenumbering}
1973 \providecommand{\sectionpageOptions}{noframenumbering}
1974 \providecommand{\subsectionpageOptions}{noframenumbering}
1975 \providecommand{\subsubsectionpageOptions}{noframenumbering}

```

(End of definition for \partpageOptions and others. These variables are documented on page ??.)

\partpageTocOptions Options used in \begin{frame}[\partpageTocOptions,tocpart]{toc part page...}
\sectionpageTocOptions . TESTED in gotham-test-1039

```

1976 \providecommand{\partpageTocOptions}{noframenumbering}
1977 \providecommand{\sectionpageTocOptions}{noframenumbering}
1978 \providecommand{\subsectionpageTocOptions}{noframenumbering}
1979 % \providecommand{\subsubsectionpageTocOptions}{noframenumbering}

```

(End of definition for \partpageTocOptions and others. These variables are documented on page ??.)

\partTocOptions Options used in \tableofcontents[\partTocOptions] . TESTED in gotham-test-1039

```

1980 \providecommand{\partTocOptions}{}
1981 \providecommand{\sectionTocOptions}{
1982   currentsection, currentsubsection,
1983   hideothersubsections,
1984   sectionstyle=show/shaded,
1985 }
1986 \providecommand{\subsectionTocOptions}{
1987   currentsection, currentsubsection,
1988   % currentsubsubsection,
1989   hideothersubsections,
1990   sectionstyle=show/shaded,
1991   subsectionstyle=show/shaded/hide,
1992   subsubsectionstyle=show/show/hide,
1993 }
1994 % \providecommand{\subsubsectionTocOptions}{}

```

(End of definition for \partTocOptions and others. These variables are documented on page ??.)

`__gotham_inner_disable_partpage:`
`__gotham_inner_enable_partpage:`

Updated: 2025-07-02

Commands to disable or enable the display of a 'part page' frame at the beginning of every new part.

The following test files are used for this code: gotham-test-041.

```
1995
1996 % Missing command for part in toc from https://tex.stackexchange.com/questions/5285/tableofc
1997 %% number, partname, page.
1998 \@ifundefined{beamer@partintoc}{
1999   \providecommand\beamer@partintoc[3]{
2000     \ifnum\c@tocdepth=-1\relax
2001       % requesting onlyparts.
2002       \makebox[6em]{PART #1:} #2
2003       \par
2004     \fi
2005   }
2006   \define@key{beamertoc}{onlyparts}[] {
2007     \c@tocdepth=-1\relax
2008   }
2009 }{
2010   %\providecommand\beamer@partintoc is defined, so I guess that \define@key{beamertoc}{only
2011   % they are probably both coming from gotham fonts.
2012 }
2013
2014 \cs_new_protected:Nn \__gotham_inner_disable_partpage:
2015 {
2016   \AtBeginPart{
2017     % intentionally empty except adding part name in toc.
2018     \addtocontents{toc}{\protect\beamer@partintoc{\the\c@part}{\beamer@partname}{\the\c@page}}
2019   }
2020 }
2021
2022 \cs_new_protected:Nn \__gotham_inner_enable_partpage:
2023 {
2024   \AtBeginPart{
2025     % add part name in toc
2026     \addtocontents{toc}{\protect\beamer@partintoc{\the\c@part}{\beamer@partname}{\the\c@page}}
2027
2028     \ifbeamer@inframe
2029       \partpage
2030     \else
2031       \ifdefempty{\partpageOptions}{
2032         % empty partpageOptions command
2033         \frame[c, part]{\partpage}
2034       }{
2035         % non-empty partpageOptions command
2036         % so store the options in an intermediate variable to expand
2037         \edef\l__gotham_partpageOptions_tmp{c, \partpageOptions, part}
2038         % Give these options expanded to the frame command
2039         \expandafter\frame\expandafter[\l__gotham_partpageOptions_tmp]{\partpage}
2040       }
2041     \fi
2042
2043     \ifbool{partContent}{
2044       % true
2045       \ifdefempty{\partpageTocOptions}{
2046         % empty partpageTocOptions command so let's create a frame with simply tocpart option
2047         \frame[tocpart]{
2048           \ifdefempty{\partContentName}{\frame{title{\partContentName}}}
2049           {
2050             \expandafter\tableofcontents\expandafter[\partTocOptions]
2051           }
2052         }
2053       }
2054     }
2055   }
```

`__gotham_inner_disable_sectionpage:`
`__gotham_inner_enable_sectionpage:`

Updated: 2025-07-02

Commands to disable or enable the display of a 'section page' frame at the beginning of every new section.

The following test files are used for this code: gotham-test-041.

```
2069 \cs_new_protected:Nn \__gotham_inner_disable_sectionpage:
2070 {
2071   \AtBeginSection{
2072     % intentionally empty
2073   }
2074 }
2075
2076 \cs_new_protected:Nn \__gotham_inner_enable_sectionpage:
2077 {
2078   \AtBeginSection{
2079     \ifbeamer@inframe
2080       \sectionpage
2081     \else
2082       \ifdefempty{\sectionpageOptions}{
2083         % empty sectionpageOptions command
2084         \frame[c, section]{\sectionpage}
2085       }{
2086         % non-empty sectionpageOptions command
2087         % so store the options in an intermediate variable to expand
2088         \edef\l__gotham_sectionpageOptions_tmp{c, \sectionpageOptions, section}
2089         % Give these options expanded to the frame command
2090         \expandafter\frame\expandafter[\l__gotham_sectionpageOptions_tmp]{\sectionpage}
2091       }
2092     \fi
2093
2094     \ifbool{sectionContent}{
2095       % true
2096       \ifdefempty{\sectionpageTocOptions}{
2097         % empty sectionpageTocOptions command so let's create a frame with simply tocsec option
2098         \frame[tocsec]{
2099           \ifdefempty{\secContentName}{\{\}\frametitle{\secContentName}}
2100           {
2101             \expandafter\tableofcontents\expandafter[\sectionTocOptions]
2102           }
2103         }
2104       }{
2105         % non-empty sectionpageTocOptions command so store the options in an intermediate variab
2106         \edef\l__gotham_sectionpageTocOptions_tmp{\sectionpageTocOptions , tocsec}
2107         % Give these options expanded to the frame command
2108         \expandafter\frame\expandafter[\l__gotham_sectionpageTocOptions_tmp]{
2109           \ifdefempty{\secContentName}{\{\}\frametitle{\secContentName}}
2110           {
2111             \expandafter\tableofcontents\expandafter[\sectionTocOptions]
2112           }
2113         }
2114       }
2115     }{
2116       % else empty
2117     }
2118   }
2119 }
```

`_gotham_inner_disable_subsectionpage:`
`_gotham_inner_enable_subsectionpage:`

Updated: 2025-07-02

Commands to disable or enable the display of a 'subsection page' frame at the beginning of every new subsection.

The following test files are used for this code: gotham-test-041.

```
2120 \cs_new_protected:Nn \_gotham_inner_disable_subsectionpage:
2121 {
2122   \AtBeginSubsection{
2123     % intentionally empty
2124   }
2125 }
2126
2127 \cs_new_protected:Nn \_gotham_inner_enable_subsectionpage:
2128 {
2129   \AtBeginSubsection{
2130     \ifbeamer@inframe
2131       \subsectionpage
2132     \else
2133       \ifdefempty{\subsectionpageOptions}{
2134         % empty subsectionpageOptions command
2135         \frame[c, subsec]{\subsectionpage}
2136       }{
2137         % non-empty subsectionpageOptions command
2138         % so store the options in an intermediate variable to expand
2139         \edef\l__gotham_subsectionpageOptions_tmp{c, \subsectionpageOptions, subsec}
2140         % Give these options expanded to the frame command
2141         \expandafter\frame\expandafter[\l__gotham_subsectionpageOptions_tmp]{\subsectionpage}
2142       }
2143     \fi
2144
2145     \ifbool{subsectionContent}{
2146       % true
2147       \ifdefempty{\subsectionpageTocOptions}{
2148         % empty subsectionpageTocOptions command so let's create a frame with simply tocsubsec o
2149         \frame[tocsubsec]{
2150           \ifdefempty{\subsecContentName}{\frame{title{\subsecContentName}}
2151           {
2152             \expandafter\tableofcontents\expandafter[\subsectionpageTocOptions]
2153           }
2154         }
2155       }{
2156         % non-empty subsectionpageTocOptions command so store the options in an intermediate var
2157         \edef\l__gotham_subsectionpageTocOptions_tmp{\subsectionpageTocOptions , tocsubsec}
2158         % Give these options expanded to the frame command
2159         \expandafter\frame\expandafter[\l__gotham_subsectionpageTocOptions_tmp]{
2160           \ifdefempty{\subsecContentName}{\frame{title{\subsecContentName}}
2161           {
2162             \expandafter\tableofcontents\expandafter[\subsectionpageTocOptions]
2163           }
2164         }
2165       }
2166     }{
2167       % else empty
2168     }
2169   }
2170 }
```

```

\__gotham_inner_disable_subsubsectionpage:
\__gotham_inner_enable_subsubsectionpage:

```

Updated: 2025-07-02

Commands to disable or enable the display of a 'subsubsection page' frame at the beginning of every new subsubsection.

The following test files are used for this code: gotham-test-041.

```

2171 \cs_new_protected:Nn \__gotham_inner_disable_subsubsectionpage:
2172 {
2173   \AtBeginSubsubsection{
2174     % intentionally empty
2175   }
2176 }
2177
2178 \cs_new_protected:Nn \__gotham_inner_enable_subsubsectionpage:
2179 {
2180   \AtBeginSubsubsection{
2181     \ifbeamer@inframe
2182       \subsubsectionpage
2183     \else
2184       \ifdefempty{\subsubsectionpageOptions}{
2185         %% empty command
2186         \frame[c, subsubsec]{\subsubsectionpage}
2187       }{
2188         %% non-empty command :
2189         % store temporary the options
2190         \edef\l__gotham_subsubsectionpageOptions_tmp{c,\subsubsectionpageOptions,subsubsec}%{c,s
2191         % Give these options expanded to the frame command
2192         \expandafter\frame\expandafter[\l__gotham_subsubsectionpageOptions_tmp]{\subsubsection
2193       }
2194     \fi
2195
2196     % I don't think anyone will use this for now. But, just in case I keep it commented.
2197     % \ifbool{subsubsectionContent}{
2198     %   % true
2199     %   \ifdefempty{\subsubsectionpageTocOptions}{
2200     %     % empty command
2201     %     \begin{frame}[tocsubsubsec]
2202     %   }{
2203     %     % non-empty command
2204     %     \begin{frame}[\expandafter\subsubsectionpageTocOptions, tocsbsubsec]
2205     %   }
2206     %   \ifdefempty{\subsubsecContentName}{\frame{title{\subsubsecContentName}}}
2207     %   {
2208     %     \expandafter\tableofcontents\expandafter[\subsubsectionTocOptions]
2209     %   }
2210     %   \end{frame}
2211     % }{
2212     %   % else empty
2213     % }
2214   }
2215 }

```

`\gothamProgressSectionHeight` Variables used to defined the progress bar in section pages.

```

2216 % horizontal size of the bar (used internally and set to |\textwidth|.
2217 \newlength{\gotham@progressonsectionpage}
2218 % vertical size of the bar
2219 \newlength{\gothamProgressSectionHeight}
2220 \setlength{\gothamProgressSectionHeight}{3pt}

(End of definition for \gothamProgressSectionHeight. This variable is documented on page ??.)

```

`\template{progress-bar-in-section-page}{empty}` Templates to disable or enable the display of the progress bar in section pages.
`\late{progress-bar-in-section-page}{display}` *The following test files are used for this code: gotham-test-041.*

```

2221 \defbeamertemplate{progress-bar-in-section-page}{empty}{
2222 \vspace{\gothamProgressSectionHeight+1ex}
2223 }
2224
2225 \def\inserttotalframenum{100}
2226 \defbeamertemplate{progress-bar-in-section-page}{display}{
2227 \setlength{\gotham@progressonsectionpage}{
2228 \textwidth * \ratio{\insertframenum~pt}{\inserttotalframenum~pt}
2229 }
2230 \begin{tikzpicture}
2231 \fill[bg] (0,0) rectangle (\textwidth, \gothamProgressSectionHeight);
2232 \fill[fg] (0,0) rectangle (\gotham@progressonsectionpage, \gothamProgressSectionHeight);
2233 \end{tikzpicture}
2234 }

(End of definition for \defbeamertemplate{progress-bar-in-section-page}{empty} and \defbeamertemplate{progress-bar-in-section-page}{display}. These functions are documented on page ??.)

```

`\sectionhoffset` length controlling the horizontal offset of the (section title + progress bar) block.

```

2235 \newlength{\sectionhoffset}
2236 \setlength{\sectionhoffset}{0pt}

(End of definition for \sectionhoffset. This variable is documented on page ??.)

```

`\ion|subsubsection-page}{progressbar/simple}` Template of part |section |subsection |subsubsection pages shared by 'progressbar' and 'simple' style. These pages contain what is inside the part |section |subsection |subsubsection frame (without background and frametitle).

The following test files are used for this code: gotham-test-041.

```

2237 \defbeamertemplate{part-page}{progressbar/simple}{
2238 %\frametitle{toto section}
2239 \centering
2240 \hspace*{\sectionhoffset}
2241 \begin{minipage}{22em}
2242 % \raggedright
2243 \centering
2244 \usebeamertemplate*{part~title}\[-1ex]
2245 \usebeamertemplate*{progress-bar-in-section-page}
2246 \par
2247 \end{minipage}
2248 \par
2249 \vspace{\baselineskip}
2250 }
2251 \defbeamertemplate{section-page}{progressbar/simple}{

```

```

2252 %\frametitle{toto section}
2253 \centering
2254 \hspace*{\sectionoffset}
2255 \begin{minipage}{22em}
2256 \raggedright
2257 \usebeamertemplate*{section~title}\\[-1ex]
2258 \usebeamertemplate*{progress~bar~in~section~page}
2259 \par
2260 \end{minipage}
2261 \par
2262 \vspace{\baselineskip}
2263 }
2264 \defbeamertemplate{subsection~page}{progressbar/simple}{
2265 %\frametitle{toto section}
2266 \centering
2267 \hspace*{\sectionoffset}
2268 \begin{minipage}{22em}
2269 \raggedright
2270 \usebeamertemplate*{section~title}\\[-1ex]
2271 \usebeamertemplate*{progress~bar~in~section~page}
2272 \par
2273 \usebeamertemplate*{subsection~title}
2274 \end{minipage}
2275 \par
2276 \vspace{\baselineskip}
2277 }
2278 \defbeamertemplate{subsubsection~page}{progressbar/simple}{
2279 % \frametitle{toto section}
2280 \centering
2281 \hspace*{\sectionoffset}
2282 \begin{minipage}{22em}
2283 \raggedright
2284 \usebeamertemplate*{section~title}\\[-1ex]
2285 \usebeamertemplate*{progress~bar~in~section~page}
2286 \par
2287 \usebeamertemplate*{subsection~title}
2288 \par
2289 \usebeamertemplate*{subsubsection~title}
2290 \end{minipage}
2291 \par
2292 \vspace{\baselineskip}
2293 }

```

(End of definition for `\defbeamertemplate*{part|section|subsection|subsubsection~page}{progressbar/simple}`.
This function is documented on page ??.)

rt|section|subsection|subsubsection/gotham} Background canvas template of part |section |subsection |subsubsection pages.

The following test files are used for this code: gotham-test-041.

```

2294 \defbeamertemplate{background~canvas}{part/gotham}{
2295 \ifbeamercolorempty[bg]{normal~text}{\color{bg}\vrule width\paperwidth height\paperheight}
2296 }
2297 \defbeamertemplate{background~canvas}{section/gotham}{
2298 \setbeamertemplate{background~canvas}[part/gotham]
2299 \usebeamertemplate{background~canvas}

```



```

2300 }
2301 \defbeamertemplate{background~canvas}{subsection/gotham}{
2302 \setbeamertemplate{background~canvas}[part/gotham]
2303 \usebeamertemplate{background~canvas}
2304 }
2305 \defbeamertemplate{background~canvas}{subsubsection/gotham}{
2306 \setbeamertemplate{background~canvas}[part/gotham]
2307 \usebeamertemplate{background~canvas}
2308 }

```

(End of definition for `\defbeamertemplate{background~canvas}{part|section|subsection|subsubsection/gotham}`.
This function is documented on page ??.)

`section|subsubsection-frame}{gotham-simple}` Template for part |section |subsection |subsubsection frames with 'gotham simple' style.

The following test files are used for this code: gotham-test-041.

```

2309 \defbeamertemplate{part-frame}{gotham-simple}{
2310 \setbeamertemplate{background~canvas}[part/gotham]
2311 \setbeamercolor{frametitle}{
2312 use={frametitleSection, normal~text},
2313 bg=frametitleSection.fg,
2314 fg=normal~text.fg
2315 }
2316 \setbeamertemplate{progress~bar~in~section~page}[empty]
2317 \setbeamertemplate{part~page}[progressbar/simple]
2318 % \usebeamertemplate*{part~page}% activated automatically
2319 }
2320
2321 \defbeamertemplate{section-frame}{gotham-simple}{
2322 \setbeamertemplate{background~canvas}[section/gotham]
2323 \setbeamercolor{frametitle}{
2324 use={frametitleSection, normal~text},
2325 bg=frametitleSection.fg,
2326 fg=normal~text.fg
2327 }
2328 \setbeamertemplate{progress~bar~in~section~page}[empty]
2329 \setbeamertemplate{section~page}[progressbar/simple]
2330 % \usebeamertemplate*{section~page}% activated automatically
2331 }
2332
2333 \defbeamertemplate{subsection-frame}{gotham-simple}{
2334 \setbeamertemplate{background~canvas}[subsection/gotham]
2335 \setbeamercolor{frametitle}{
2336 use={frametitleSection, normal~text},
2337 bg=frametitleSection.fg,
2338 fg=normal~text.fg
2339 }
2340 \setbeamertemplate{progress~bar~in~section~page}[empty]
2341 \setbeamertemplate{subsection~page}[progressbar/simple]
2342 % \usebeamertemplate*{subsection~page}% activated automatically
2343 }
2344
2345 \defbeamertemplate{subsubsection-frame}{gotham-simple}{
2346 \setbeamertemplate{background~canvas}[subsubsection/gotham]
2347 \setbeamercolor{frametitle}{

```

```

2348 use={frametitleSection, normal~text},
2349 bg=frametitleSection.fg,
2350 fg=normal~text.fg
2351 }
2352 \setbeamertemplate{progress~bar~in~section~page}[empty]
2353 \setbeamertemplate{subsubsection~page}[progressbar/simple]
2354 % \usebeamertemplate*{subsubsection~page}% activated automatically
2355 }

```

(End of definition for `\defbeamertemplate{part|section|subsection|subsubsection~frame}{gotham~simple}`.
This function is documented on page ??.)

on|subsubsection~frame}{gotham~progressbar} Template for part |section |subsection |subsubsection frames with 'gotham progressbar' style.

The following test files are used for this code: *gotham-test-041*.

```

2356 \defbeamertemplate{part~frame}{gotham~progressbar}{
2357 \setbeamertemplate{background~canvas}[part/gotham]
2358 \setbeamercolor{frametitle}{
2359 use={frametitleSection, normal~text},
2360 bg=frametitleSection.fg,
2361 fg=normal~text.fg
2362 }
2363 \setbeamertemplate{progress~bar~in~section~page}[display]
2364 \setbeamertemplate{part~page}[progressbar/simple]
2365 % \usebeamertemplate*{part~page}% activated automatically
2366 }
2367
2368 \defbeamertemplate{section~frame}{gotham~progressbar}{
2369 \setbeamertemplate{background~canvas}[section/gotham]
2370 \setbeamercolor{frametitle}{
2371 use={frametitleSection, normal~text},
2372 bg=frametitleSection.fg,
2373 fg=normal~text.fg
2374 }
2375 \setbeamertemplate{progress~bar~in~section~page}[display]
2376 \setbeamertemplate{section~page}[progressbar/simple]
2377 % \usebeamertemplate*{section~page}% activated automatically
2378 }
2379
2380 \defbeamertemplate{subsection~frame}{gotham~progressbar}{
2381 \setbeamertemplate{background~canvas}[subsection/gotham]
2382 \setbeamercolor{frametitle}{
2383 use={frametitleSection, normal~text},
2384 bg=frametitleSection.fg,
2385 fg=normal~text.fg
2386 }
2387 \setbeamertemplate{progress~bar~in~section~page}[display]
2388 \setbeamertemplate{subsection~page}[progressbar/simple]
2389 % \usebeamertemplate*{subsection~page}% activated automatically
2390 }
2391
2392 \defbeamertemplate{subsubsection~frame}{gotham~progressbar}{
2393 \setbeamertemplate{background~canvas}[subsubsection/gotham]
2394 \setbeamercolor{frametitle}{

```

```

2395 use={frametitleSection, normal~text},
2396 bg=frametitleSection.fg,
2397 fg=normal~text.fg
2398 }
2399 \setbeamertemplate{progress~bar~in~section~page}[display]
2400 \setbeamertemplate{subsubsection~page}[progressbar/simple]
2401 % \usebeamertemplate*{subsubsection~page}% activated automatically
2402 }

```

(End of definition for `\defbeamertemplate{part|section|subsection|subsubsection~frame}{gotham~progressbar}`.
This function is documented on page ??.)

`e*{progress~bar~in~splitvert}{empty|dispay}` Internal template to display or disable (empty) the progressbar used in 'splitvert' (split vertically) style.

The following test files are used for this code: *gotham-test-041*.

```

2403 \defbeamertemplate{progress~bar~in~splitvert}{empty}{
2404   \vspace*{-0.5ex}
2405 }
2406
2407 \defbeamertemplate*{progress~bar~in~splitvert}{display}{
2408   % \nointerlineskip
2409   \setlength{\gotham@progressonsectionpage}{
2410     \paperwidth * \ratio{\insertframenumber pt}{\inserttotalframenumber pt}
2411   }
2412   \begin{tikzpicture}
2413     \fill[bg] (0,0) rectangle (\paperwidth, \gothamProgressSectionHeight);
2414     \fill[fg] (0,0) rectangle (\gotham@progressonsectionpage, \gothamProgressSectionHeight);
2415   \end{tikzpicture}
2416 }

```

(End of definition for `\defbeamertemplate*{progress~bar~in~splitvert}{empty|dispay}`. This function is documented on page ??.)

`page}{gotham_splitvert_progressbar/simple}`
`ection_frame}{gotham_splitvert_progressbar}`
`bsubsection_frame}{gotham_splitvert_simple}`
 Templates for part |section |subsection |subsubsection pages that are common for 'gotham splitvert progressbar' and 'gotham splitvert simple' styles (which implies part |section |subsection |subsubsection frames).

The following test files are used for this code: *gotham-test-041*.

```

2417 % Part page splitvert.
2418 \defbeamertemplate{part~page}{gotham~splitvert~progressbar/simple}{
2419   % \frametitle{part!}
2420   % \IfEmpty{\insertframetitle}{
2421     \ifx\beamer@frametitle\@empty
2422       \vspace*{-0.05\paperheight}
2423     \else %}{
2424       \vspace*{-0.165\paperheight}
2425     \fi %}
2426   {
2427     \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}
2428     \begin{tikzpicture}[overlay, remember~picture]
2429       \fill[color=gotham@@tempColor] (current~page.north~west) rectangle ([shift = {(0, -0.45\p
2430     \end{tikzpicture}
2431   }
2432
2433   % \hspace*{\sectionhoffset}

```

```

2434 \begin{minipage}[b][0.45\paperheight]{\textwidth}
2435 \centering
2436 \usebeamertemplate*{part~title}
2437 \end{minipage}
2438 \ll[-0.1\baselineskip]
2439 \hspace*{-1.0cm}\noindent
2440 \usebeamertemplate*{progress~bar~in~splitvert}
2441
2442 \newline
2443 \begin{minipage}[t][0.5\paperheight]{\textwidth}
2444 % \vspace{0.5\baselineskip}
2445 % \usebeamerfont{subsection~tttitle}
2446 % \usebeamercolor{bg}{frametitle}
2447 % empty
2448 \end{minipage}
2449 }
2450 \defbeamertemplate{part~frame}{gotham~splitvert~progressbar}{
2451 \setbeamertemplate{background~canvas}[part/gotham]
2452 % \setbeamercolor{frametitle}{}
2453 % \setlength{\sectionoffset}{1cm}
2454 \setbeamercolor{part~title}{use=frametitle, fg=frametitle.fg}
2455 \setbeamertemplate{progress~bar~in~splitvert}[display]
2456 \setbeamertemplate{part~page}[gotham~splitvert~progressbar/simple]
2457 % \usebeamertemplate*{part~page}% activated automatically
2458 }
2459 \defbeamertemplate{part~frame}{gotham~splitvert~simple}{
2460 \setbeamertemplate{background~canvas}[part/gotham]
2461 % \setbeamercolor{frametitle}{}
2462 % \setlength{\sectionoffset}{1cm}
2463 \setbeamercolor{part~title}{use=frametitle, fg=frametitle.fg}
2464 \setbeamertemplate{progress~bar~in~splitvert}[empty]
2465 \setbeamertemplate{part~page}[gotham~splitvert~progressbar/simple]
2466 % \usebeamertemplate*{part~page}% activated automatically
2467 }
2468
2469 % Section page splitvert.
2470 \defbeamertemplate{section~page}{gotham~splitvert~progressbar/simple}{
2471 % \frametitle{section!}
2472 % \IfEmpty{\insertframetitle}{
2473 \ifx\beamer@frametitle\@empty
2474 \vspace*{-0.05\paperheight}
2475 \else %}{
2476 \vspace*{-0.165\paperheight}
2477 \fi %}
2478 {
2479 \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}
2480 \begin{tikzpicture}[overlay, remember~picture]
2481 \fill[color=gotham@@tempColor] (current~page.north~west) rectangle ([shift = {(0, -0.45\p
2482 \end{tikzpicture}
2483 }
2484
2485 \hspace*{\sectionoffset}
2486 \begin{minipage}[b][0.45\paperheight]{\textwidth}
2487 \usebeamertemplate*{section~title}

```

```

2488 \end{minipage}
2489 \[-0.1\baselineskip]
2490 \hspace*{-1.0cm}\noindent
2491 \usebeamertemplate*{progress~bar~in~splitvert}
2492
2493 \newline
2494 \hspace*{\sectionhoffset}
2495 \begin{minipage}[t][0.5\paperheight]{\textwidth}
2496 % \vspace{0.5\baselineskip}
2497 \usebeamerfont{subsection~title}
2498 \usebeamercolor[bg]{frametitle}
2499 % empty
2500 \end{minipage}
2501 }
2502 \defbeamertemplate{section~frame}{gotham~splitvert~progressbar}{
2503 \setbeamertemplate{background~canvas}[section/gotham]
2504 % \setbeamercolor{frametitle}{}
2505 \setlength{\sectionhoffset}{1cm}
2506 \setbeamercolor{section~title}{use=frametitle, fg=frametitle.fg}
2507 \setbeamertemplate{progress~bar~in~splitvert}[display]
2508 \setbeamertemplate{section~page}[gotham~splitvert~progressbar/simple]
2509 % \usebeamertemplate*{section~page}% activated automatically
2510 }
2511 \defbeamertemplate{section~frame}{gotham~splitvert~simple}{
2512 \setbeamertemplate{background~canvas}[section/gotham]
2513 % \setbeamercolor{frametitle}{}
2514 \setlength{\sectionhoffset}{1cm}
2515 \setbeamercolor{section~title}{use=frametitle, fg=frametitle.fg}
2516 \setbeamertemplate{progress~bar~in~splitvert}[empty]
2517 \setbeamertemplate{section~page}[gotham~splitvert~progressbar/simple]
2518 % \usebeamertemplate*{section~page}% activated automatically
2519 }
2520
2521 % Subsection page splitvert.
2522 \defbeamertemplate{subsection~page}{gotham~splitvert~progressbar/simple}{
2523 % \frametitle{subsection!}
2524 % \IfEmpty{\insertframetitle}{
2525 \ifx\beamer@frametitle\@empty
2526 \vspace*{-0.05\paperheight}
2527 \else %}{
2528 \vspace*{-0.165\paperheight}
2529 \fi %}
2530 {
2531 \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}
2532 \begin{tikzpicture}[overlay, remember~picture]
2533 \fill[color=gotham@@tempColor] (current~page.north~west) rectangle ([shift = {(0, -0.45\p
2534 \end{tikzpicture}
2535 }
2536
2537 \hspace*{\sectionhoffset}
2538 \begin{minipage}[b][0.45\paperheight]{\textwidth}
2539 \usebeamertemplate*{section~title}
2540 \end{minipage}
2541 \[-0.1\baselineskip]

```

```

2542 \hspace*{-1.0cm}\noindent
2543 \usebeamertemplate*{progress-bar-in-splitvert}
2544
2545 \newline
2546 \hspace*{\sectionoffset}
2547 \begin{minipage}[t][0.5\paperheight]{\textwidth}
2548 % \vspace{0.5\baselineskip}
2549 \usebeamerfont{subsection~title}
2550 \usebeamercolor{bg}{frametitle}
2551 \usebeamertemplate*{subsection~title}
2552 % \par
2553 % \vspace{1em}%phantom subsection
2554 \end{minipage}
2555 }
2556 \defbeamertemplate{subsection~frame}{gotham-splitvert-progressbar}{
2557 \setbeamertemplate{background~canvas}[subsection/gotham]
2558 % \setbeamercolor{frametitle}{}
2559 \setlength{\sectionoffset}{1cm}
2560 \setbeamercolor{section~title}{use=frametitle, fg=frametitle.fg}
2561 \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2562 \setbeamertemplate{progress-bar-in-splitvert}[display]
2563 \setbeamertemplate{subsection~page}[gotham-splitvert-progressbar/simple]
2564 % \usebeamertemplate*{subsection~page}% activated automatically
2565 }
2566 \defbeamertemplate{subsection~frame}{gotham-splitvert-simple}{
2567 \setbeamertemplate{background~canvas}[subsection/gotham]
2568 % \setbeamercolor{frametitle}{}
2569 \setlength{\sectionoffset}{1cm}
2570 \setbeamercolor{section~title}{use=frametitle, fg=frametitle.fg}
2571 \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2572 \setbeamertemplate{progress-bar-in-splitvert}[empty]
2573 \setbeamertemplate{subsection~page}[gotham-splitvert-progressbar/simple]
2574 % \usebeamertemplate*{subsection~page}% activated automatically
2575 }
2576
2577 % Subsubsection page splitvert.
2578 \defbeamertemplate{subsubsection~page}{gotham-splitvert-progressbar/simple}{
2579 % \frametitle{subsubsection!}
2580 % \IfEmpty{\insertframetitle}{
2581 \ifx\beamer@frametitle\@empty
2582 \vspace*{-0.05\paperheight}
2583 \else %}{
2584 \vspace*{-0.165\paperheight}
2585 \fi %}
2586 {
2587 \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}
2588 \begin{tikzpicture}[overlay, remember-picture]
2589 \fill[color=gotham@@tempColor] (current-page.north-west) rectangle ([shift = {(0, -0.45\p
2590 \end{tikzpicture}
2591 }
2592
2593 \hspace*{\sectionoffset}
2594 \begin{minipage}[b][0.45\paperheight]{\textwidth}
2595 \usebeamertemplate*{section~title}

```

```

2596 \end{minipage}
2597 \[-0.1\baselineskip]
2598 \hspace*{-1.0cm}\noindent
2599 \usebeamertemplate*{progress~bar~in~splitvert}
2600
2601 \newline
2602 \hspace*{\sectionhoffset}
2603 \begin{minipage}[t][0.5\paperheight]{\textwidth}
2604 % \vspace{0.5\baselineskip}
2605 \usebeamerfont{subsubsection~title}
2606 \usebeamercolor[bg]{frametitle}
2607 \usebeamertemplate*{subsection~title}
2608 \par
2609 \usebeamertemplate*{subsubsection~title}
2610 \end{minipage}
2611 }
2612 \defbeamertemplate{subsubsection~frame}{gotham~splitvert~progressbar}{
2613 \setbeamertemplate{background~canvas}[subsubsection/gotham]
2614 % \setbeamercolor{frametitle}{}
2615 \setlength{\sectionhoffset}{1cm}
2616 \setbeamercolor{section~title}{use=frametitle, fg=frametitle.fg}
2617 \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2618 \setbeamercolor{subsubsection~title}{use=frametitle, fg=frametitle.bg}
2619 \setbeamertemplate{progress~bar~in~splitvert}[display]
2620 \setbeamertemplate{subsubsection~page}[gotham~splitvert~progressbar/simple]
2621 % \usebeamertemplate*{subsubsection~page}% activated automatically
2622 }
2623 \defbeamertemplate{subsubsection~frame}{gotham~splitvert~simple}{
2624 \setbeamertemplate{background~canvas}[subsubsection/gotham]
2625 % \setbeamercolor{frametitle}{}
2626 \setlength{\sectionhoffset}{1cm}
2627 \setbeamercolor{section~title}{use=frametitle, fg=frametitle.fg}
2628 \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2629 \setbeamercolor{subsubsection~title}{use=frametitle, fg=frametitle.bg}
2630 \setbeamertemplate{progress~bar~in~splitvert}[empty]
2631 \setbeamertemplate{subsubsection~page}[gotham~splitvert~progressbar/simple]
2632 % \usebeamertemplate*{subsubsection~page}% activated automatically
2633 }

```

(End of definition for `\defbeamertemplate{part|section|subsection|subsubsection page}{gotham splitvert progressbar/simple}`, `\defbeamertemplate{part|section|subsection|subsubsection frame}{gotham splitvert progressbar}`, and `\defbeamertemplate{part|section|subsection|subsubsection frame}{gotham splitvert simple}`. These functions are documented on page ??.)

`on|subsubsection~page}{gotham~progressbar}`
`n|subsubsection~frame}{gotham~progressbar}`

Templates for part |section |subsection |subsubsection pages for 'gotham progressvert'.

The following test files are used for this code: *gotham-test-041*.

```

2634
2635 % Part page progressvert.
2636 \defbeamertemplate{part~page}{gotham~progressbar}{
2637 % \frametitle{part!}
2638 % \IfEmpty{\insertframetitle}{
2639 \ifx\beamer@frametitle\@empty
2640 \vspace*{-0.05\paperheight}
2641 \else %}{

```

```

2642 \vspace*{-0.165\paperheight}
2643 \fi %}
2644 \setlength{\gotham@progressonsectionpage}{
2645 \paperheight * \ratio{\insertframenumbers pt}{\inserttotalframenumbers pt}
2646 }
2647 {
2648 \usebeamerfont{frametitle}\colorlet{gotham@@tempColor}{bg}
2649 \colorlet{gotham@@tempColorB}{fg}
2650 \begin{tikzpicture}[overlay, remember picture]
2651 \fill[gotham@@tempColor]
2652 ([shift={(0,0)}] current~page.north~west) --
2653 ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~west) --
2654 ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~east) --
2655 ([shift={(0,0)}] current~page.north~east)
2656 --cycle;
2657 \node[gotham@@tempColorB, align=left, text-width=0.8\textwidth] at ([shift={(\section
2658 {\usebeamerfont{part~title}
2659 \partname \ \insertromanpartnumber
2660 \[1.75ex]
2661 \insertpart
2662 }
2663 }];
2664
2665 \clip
2666 ([shift={(0,0)}] current~page.south~west) --
2667 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2668 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --
2669 ([shift={(0,0)}] current~page.south~east)
2670 --cycle;
2671
2672 \fill[gotham@@tempColorB]
2673 ([shift={(0,0)}] current~page.south~west) --
2674 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2675 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --
2676 ([shift={(0,0)}] current~page.south~east)
2677 --cycle;
2678 \node[gotham@@tempColor, align=left, text-width=0.8\textwidth] at ([shift={(\section
2679 {\usebeamerfont{part~title}
2680 \partname \ \insertromanpartnumber
2681 \[
2682 \insertpart
2683 }
2684 }];
2685 \end{tikzpicture}
2686 }
2687 }
2688 \defbeamertemplate{part~frame}{gotham~progressvert}{
2689 \setbeamertemplate{background~canvas}[part/gotham]
2690 % \setbeamerfont{frametitle}{
2691 \setlength{\sectionoffset}{1cm}
2692 % \setbeamerfont{section~title}{use=frametitle, fg=frametitle.bg}
2693 % \setbeamerfont{subsection~title}{use=frametitle, fg=frametitle.bg}
2694 % \setbeamerfont{part~title}{use=frametitle, fg=frametitle.bg}
2695 % \setbeamertemplate{progress~bar~in~splitvert}[display]

```



```

2696 \setbeamertemplate{part~page}[gotham-progressvert]
2697 % \usebeamertemplate*{section~page}% activated automatically
2698 }
2699
2700 % Section page progressvert.
2701 \defbeamertemplate{section~page}{gotham-progressvert}{
2702 % \frametitle{section!}
2703 % \IfEmpty{\insertframetitle}{
2704 \ifx\beamer@frametitle\@empty
2705 \vspace*{-0.05\paperheight}
2706 \else %}{
2707 \vspace*{-0.165\paperheight}
2708 \fi %}
2709 \setlength{\gotham@progressonsectionpage}{
2710 \paperheight * \ratio{\insertframenum pt}{\inserttotalframenum pt}
2711 }
2712 {
2713 \usebeamerfont{frametitle}\colorlet{gotham@@tempColor}{bg}
2714 \colorlet{gotham@@tempColorB}{fg}
2715 \begin{tikzpicture}[overlay, remember=picture]
2716 \fill[color=gotham@@tempColor]
2717 ([shift={(0,0)}] current~page.north~west) --
2718 ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~west) --
2719 ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~east) --
2720 ([shift={(0,0)}] current~page.north~east)
2721 --cycle;
2722 \node[color=gotham@@tempColorB, align=left, text-width=0.8\textwidth] at ([shift={(\section
2723 {\usebeamerfont{section~title}
2724 \insertsectionnumber.~
2725 \insertsectionhead}
2726 });
2727
2728 \clip
2729 ([shift={(0,0)}] current~page.south~west) --
2730 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2731 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --
2732 ([shift={(0,0)}] current~page.south~east)
2733 --cycle;
2734
2735 \fill[color=gotham@@tempColorB]
2736 ([shift={(0,0)}] current~page.south~west) --
2737 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2738 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --
2739 ([shift={(0,0)}] current~page.south~east)
2740 --cycle;
2741 \node[color=gotham@@tempColor, align=left, text-width=0.8\textwidth] at ([shift={(\section
2742 {\usebeamerfont{section~title}
2743 \insertsectionnumber.~
2744 \insertsectionhead}
2745 });
2746 \end{tikzpicture}
2747 }
2748 }
2749 \defbeamertemplate{section~frame}{gotham-progressvert}{

```

```

2750 \setbeamertemplate{background~canvas}[section/gotham]
2751 % \setbeamercolor{frametitle}{}
2752 \setlength{\sectionoffset}{1cm}
2753 % \setbeamercolor{section~title}{use=frametitle, fg=frametitle.bg}
2754 % \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2755 % \setbeamercolor{section~title}{use=frametitle, fg=frametitle.bg}
2756 % \setbeamertemplate{progress~bar~in~splitvert}[display]
2757 \setbeamertemplate{section~page}[gotham~progressvert]
2758 % \usebeamertemplate*{section~page}% activated automatically
2759 }
2760
2761 % Subection page progressvert.
2762 \defbeamertemplate{subsection~page}{gotham~progressvert}{
2763 % \frametitle{subsection!}
2764 % \IfEmpty{\insertframetitle}{
2765 \ifx\beamer@frametitle\@empty
2766 \vspace*{-0.05\paperheight}
2767 \else %}{
2768 \vspace*{-0.165\paperheight}
2769 \fi %}
2770 \setlength{\gotham@progressonsectionpage}{
2771 \paperheight * \ratio{\insertframenum pt}{\inserttotalframenum pt}
2772 }
2773 {
2774 \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}
2775 \colorlet{gotham@@tempColorB}{fg}
2776 \begin{tikzpicture}[overlay, remember~picture]
2777 \fill[color=gotham@@tempColor]
2778 ([shift={(0,0)}] current~page.north~west) --
2779 ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~west) --
2780 ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~east) --
2781 ([shift={(0,0)}] current~page.north~east)
2782 --cycle;
2783 \node[color=gotham@@tempColorB, align=left, text-width=0.8\textwidth] at ([shift={(\section
2784 {usebeamerfont{section~title}
2785 \insertsectionnumber.~
2786 \insertsectionhead}
2787 \\
2788 {usebeamerfont{subsection~title}
2789 \insertsectionnumber.\insertsubsectionnumber.~
2790 \insertsubsectionhead}
2791 }];
2792
2793 \clip
2794 ([shift={(0,0)}] current~page.south~west) --
2795 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2796 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --
2797 ([shift={(0,0)}] current~page.south~east)
2798 --cycle;
2799
2800 \fill[color=gotham@@tempColorB]
2801 ([shift={(0,0)}] current~page.south~west) --
2802 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2803 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --

```

```

2804     ([shift={(0,0)}] current~page.south~east)
2805     --cycle;
2806     \node[color=gotham@@tempColor, align=left, text~width=0.8\textwidth] at ([shift={(\section
2807       {\usebeamerfont{section~title}
2808       \insertsectionnumber.~
2809       \insertsectionhead}
2810       \\
2811       {\usebeamerfont{subsection~title}
2812       \insertsectionnumber.\insertsubsectionnumber.~
2813       \insertsubsectionhead}
2814     };
2815     \end{tikzpicture}
2816   }
2817 }
2818 \defbeamertemplate{subsection~frame}{gotham~progressvert}{
2819   \setbeamertemplate{background~canvas}[subsection/gotham]
2820   % \setbeamercolor{frametitle}{f}
2821   \setlength{\sectionoffset}{1cm}
2822   % \setbeamercolor{section~title}{use=frametitle, fg=frametitle.bg}
2823   % \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2824   % \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2825   % \setbeamertemplate{progress~bar~in~splitvert}[display]
2826   \setbeamertemplate{subsection~page}[gotham~progressvert]
2827   % \usebeamertemplate*{subsection~page}% activated automatically
2828 }
2829
2830 % Subsubsection page progressvert.
2831 \defbeamertemplate{subsubsection~page}{gotham~progressvert}{
2832   % \frametitle{subsubsection!}
2833   % \IfEmpty{\insertframetitle}{
2834     \ifx\beamer@frametitle\@empty
2835       \vspace*{-0.05\paperheight}
2836     \else %}{
2837       \vspace*{-0.165\paperheight}
2838     \fi %}
2839     \setlength{\gotham@progressonsectionpage}{
2840       \paperheight * \ratio{\insertframenum pt}{\inserttotalframenum pt}
2841     }
2842     {
2843       \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}
2844       \colorlet{gotham@@tempColorB}{fg}
2845       \begin{tikzpicture}[overlay, remember~picture]
2846         \fill[color=gotham@@tempColor]
2847           ([shift={(0,0)}] current~page.north~west) --
2848           ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~west) --
2849           ([shift={(0,-\gotham@progressonsectionpage)}] current~page.north~east) --
2850           ([shift={(0,0)}] current~page.north~east)
2851         --cycle;
2852         \node[color=gotham@@tempColorB, align=left, text~width=0.8\textwidth] at ([shift={(\section
2853           {\usebeamerfont{section~title}
2854           \insertsectionnumber.~
2855           \insertsectionhead}
2856           \\
2857           {\usebeamerfont{subsection~title}

```

```

2858 \insertsectionnumber.\insertsubsectionnumber.~
2859 \insertsubsectionhead}
2860 \\
2861 {\usebeamerfont{subsubsection~title}
2862 \insertsectionnumber.\insertsubsectionnumber.\insertsubsubsectionnumber.~
2863 \insertsubsubsectionhead}
2864 };
2865
2866 \clip
2867 ([shift={(0,0)}] current~page.south~west) --
2868 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2869 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --
2870 ([shift={(0,0)}] current~page.south~east)
2871 --cycle;
2872
2873 \fill[color=gotham@@tempColorB]
2874 ([shift={(0,0)}] current~page.south~west) --
2875 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~west) --
2876 ([shift={(0,\paperheight-\gotham@progressonsectionpage)}] current~page.south~east) --
2877 ([shift={(0,0)}] current~page.south~east)
2878 --cycle;
2879 \node[color=gotham@@tempColor, align=left, text~width=0.8\textwidth] at ([shift={(\section
2880 {\usebeamerfont{section~title}
2881 \insertsectionnumber.~
2882 \insertsectionhead}
2883 \\
2884 {\usebeamerfont{subsection~title}
2885 \insertsectionnumber.\insertsubsectionnumber.~
2886 \insertsubsectionhead}
2887 \\
2888 {\usebeamerfont{subsubsection~title}
2889 \insertsectionnumber.\insertsubsectionnumber.\insertsubsubsectionnumber.~
2890 \insertsubsubsectionhead}
2891 };
2892 \end{tikzpicture}
2893 }
2894 }
2895 \defbeamertemplate{subsubsection~frame}{gotham~progressvert}{
2896 \setbeamertemplate{background~canvas}[subsubsection/gotham]
2897 % \setbeamercolor{frametitle}{}
2898 \setlength{\sectionoffset}{1cm}
2899 % \setbeamercolor{section~title}{use=frametitle, fg=frametitle.bg}
2900 % \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2901 % \setbeamercolor{subsubsection~title}{use=frametitle, fg=frametitle.bg}
2902 % \setbeamertemplate{progress~bar~in~splitvert}[display]
2903 \setbeamertemplate{subsubsection~page}[gotham~progressvert]
2904 % \usebeamertemplate*{subsubsection~page}% activated automatically
2905 }

```

(End of definition for `\defbeamertemplate{part/section/subsection/subsubsection page}{gotham progressvert}` and `\defbeamertemplate{part/section/subsection/subsubsection frame}{gotham progressvert}`. These functions are documented on page ??.)

`inner_key_~interface` Controls the inner settings for `partframe` (or `sectionframe`, `subsectionframe` and `subsubsectionframe` respectively) and `standin`.

The following test files are used for this code: *gotham-test-041*.

```

2906 \keys_define:nn { gotham / inner }{
2907   % partframe template
2908   partframe~template .usage:n = { general },
2909   partframe~template .default:n = { gotham-progressbar },
2910   partframe~template .code:n = { \__gotham_set_template:nn{part~frame}{#1} }
2911 }
2912 \keys_define:nn { gotham / inner }
2913 {
2914   % partframe default
2915   partframe~default .choice:,
2916   partframe~default .usage:n = { general },
2917   partframe~default .default:n = { true },
2918
2919   partframe~default / true .code:n = { \__gotham_inner_enable_partpage: },
2920   partframe~default / on .code:n = { \__gotham_inner_enable_partpage: },
2921   partframe~default / enable .code:n = { \__gotham_inner_enable_partpage: },
2922
2923   partframe~default / false .code:n = { \__gotham_inner_disable_partpage: },
2924   partframe~default / off .code:n = { \__gotham_inner_disable_partpage: },
2925   partframe~default / disable .code:n = { \__gotham_inner_disable_partpage: },
2926
2927   partframe~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'1'~is-unkn
2928 }
2929
2930 \keys_define:nn { gotham / inner }{
2931   % sectionframe template
2932   sectionframe~template .usage:n = { general },
2933   sectionframe~template .default:n = { gotham-progressbar },
2934   sectionframe~template .code:n = { \__gotham_set_template:nn{section~frame}{#1} }
2935 }
2936 \keys_define:nn { gotham / inner }
2937 {
2938   % sectionframe default
2939   sectionframe~default .choice:,
2940   sectionframe~default .usage:n = { general },
2941   sectionframe~default .default:n = { true },
2942
2943   sectionframe~default / true .code:n = { \__gotham_inner_enable_sectionpage: },
2944   sectionframe~default / on .code:n = { \__gotham_inner_enable_sectionpage: },
2945   sectionframe~default / enable .code:n = { \__gotham_inner_enable_sectionpage: },
2946
2947   sectionframe~default / false .code:n = { \__gotham_inner_disable_sectionpage: },
2948   sectionframe~default / off .code:n = { \__gotham_inner_disable_sectionpage: },
2949   sectionframe~default / disable .code:n = { \__gotham_inner_disable_sectionpage: },
2950
2951   sectionframe~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'1'~is-u
2952 }
2953
2954 \keys_define:nn { gotham / inner }{
2955   % subsectionframe template
2956   subsectionframe~template .usage:n = { general },
2957   subsectionframe~template .default:n = { gotham-progressbar },
2958   subsectionframe~template .code:n = { \__gotham_set_template:nn{subsection~frame}{#1} }

```

```

2959 }
2960 \keys_define:nn { gotham / inner }
2961 {
2962   % subsectionframe default
2963   subsectionframe~default .choice:,
2964   subsectionframe~default .usage:n = { general },
2965   subsectionframe~default .default:n = { true },
2966
2967   subsectionframe~default / true .code:n = { \__gotham_inner_enable_subsectionpage: },
2968   subsectionframe~default / on .code:n = { \__gotham_inner_enable_subsectionpage: },
2969   subsectionframe~default / enable .code:n = { \__gotham_inner_enable_subsectionpage: },
2970
2971   subsectionframe~default / false .code:n = { \__gotham_inner_disable_subsectionpage: },
2972   subsectionframe~default / off .code:n = { \__gotham_inner_disable_subsectionpage: },
2973   subsectionframe~default / disable .code:n = { \__gotham_inner_disable_subsectionpage: },
2974
2975   subsectionframe~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice-'\#1'-i
2976 }
2977
2978 \keys_define:nn { gotham / inner }{
2979   % subsubsectionframe template
2980   subsubsectionframe~template .usage:n = { general },
2981   subsubsectionframe~template .default:n = { gotham~progressbar },
2982   subsubsectionframe~template .code:n = { \__gotham_set_template:nn{subsubsection~frame}{#1}
2983 }
2984 \keys_define:nn { gotham / inner }
2985 {
2986   % subsubsectionframe default
2987   subsubsectionframe~default .choice:,
2988   subsubsectionframe~default .usage:n = { general },
2989   subsubsectionframe~default .default:n = { true },
2990
2991   subsubsectionframe~default / true .code:n = { \__gotham_inner_enable_subsubsectionpage: },
2992   subsubsectionframe~default / on .code:n = { \__gotham_inner_enable_subsubsectionpage: },
2993   subsubsectionframe~default / enable .code:n = { \__gotham_inner_enable_subsubsectionpage: },
2994
2995   subsubsectionframe~default / false .code:n = { \__gotham_inner_disable_subsubsectionpage: },
2996   subsubsectionframe~default / off .code:n = { \__gotham_inner_disable_subsubsectionpage: },
2997   subsubsectionframe~default / disable .code:n = { \__gotham_inner_disable_subsubsectionpage: },
2998
2999   subsubsectionframe~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice-'\#1'-i
3000 }

```

(End of definition for inner key - interface. This function is documented on page ??.)

Table of Content

`\tikzset{section-number/.style={}}` Definition of how sections, subsections and subsubsections' numbers will appear in 'gotham bullet' style for tables of contents.

The following test files are used for this code: *gotham-test-042*.

```

3001 \tikzset{section-number/.style={
3002   circle,
3003   fill=colorAlert,
3004   minimum~size=0.4em,
3005   text=colorAlert!10,

```

```

3006   inner~sep=1.5pt,
3007 },
3008 section/.style={
3009   draw=none,
3010   rectangle,
3011   minimum-height=1em,
3012   minimum-width=0.8\textwidth,
3013   text~width=0.8\textwidth,
3014   text=fg,
3015   align=left
3016 },
3017 subsection~number/.style={
3018   circle,
3019   fill=colorBackElement!50,
3020   inner~sep=0pt,
3021   minimum~size=0.15cm,
3022 },
3023 subsection/.style={
3024   draw=none,
3025   rectangle,
3026   minimum-height=1em,
3027   minimum-width=0.8\textwidth,
3028   text~width=0.8\textwidth,
3029   text=fg!80,
3030   align=left
3031 },
3032 subsubsection~number/.style={
3033   circle,
3034   fill=colorBackElement!50,
3035   inner~sep=0pt,
3036   minimum~size=0.06cm,
3037 },
3038 subsubsection/.style={
3039   draw=none,
3040   rectangle,
3041   minimum-height=1em,
3042   minimum-width=0.8\textwidth,
3043   text~width=0.8\textwidth,
3044   text=fg!80,
3045   align=left
3046 },
3047 }

```

(End of definition for \tikzset{section~number/.style={}}. This function is documented on page ??.)

amertemplate{section~in~toc}{gotham~bullet} Template definitions for gotham bullet style of ToC that appear in section |subsection |subsubsection frame.

The following test files are used for this code: gotham-test-042, gotham-test-057.

```

3048 \defbeamertemplate{section~in~toc}{gotham~bullet}{
3049   \hspace*{0.4cm}\tikz[baseline=-0.5ex]\node[section~number]{\textbf{\inserttocsectionnumber}}
3050   \ \tikz[baseline=-0.5ex]\node[section]{\usebeamerfont*{toc~title}\inserttocsection};\ll[-0.3
3051   \hspace*{1.13cm}{\usebeamerfont*{toc~title}\inserttocsection}\rule{0.6\paperwidth}{0.2pt}\par\vskip-0.35
3052 }
3053 \defbeamertemplate{subsection~in~toc}{gotham~bullet}{

```

```

3054 \leavevmode
3055 \hspace*{0.53cm}\tikz[baseline=-0.5ex]\node[section-number]{};
3056 \hspace*{0.5cm}\tikz[baseline=-0.5ex]\node[section]{\usebeamerfont*{toc-subtitle}\insert
3057 % \[-0.2cm]
3058 \par \vspace{-0.38cm}
3059 }
3060 \defbeamertemplate{subsubsection-in-toc}{gotham-bullet}{
3061 \leavevmode
3062 \hspace*{0.58cm}\tikz[baseline=-0.5ex]\node[subsubsection-number]{};
3063 \hspace*{0.69cm}\tikz[baseline=-0.5ex]\node[subsubsection]{\usebeamerfont*{toc-subtitle}\in
3064 % \[-0.2cm]
3065 \par \vspace{-0.38cm}
3066 }
3067 % Shaded for sections already done in the presentation.
3068 \defbeamertemplate{section-in-toc-shaded}{gotham-bullet}{
3069 \hspace*{0.4cm}\tikz[baseline=-0.5ex]\node[section-number, fill=colorBackElement!40]{\usebe
3070 \ \tikz[baseline=-0.5ex]\node[section, text=colorBackElement!20]{\usebeamerfont*{toc-title}
3071 \hspace*{1.13cm}{\usebeamerfont*{fg}{footer} \rule{0.6\paperwidth}{0.2pt}{\par\vskip-0.35\
3072 }
3073 \defbeamertemplate{subsection-in-toc-shaded}{gotham-bullet}{
3074 \leavevmode
3075 \hspace*{0.53cm}\tikz[baseline=-0.5ex]\node[section-number, fill=colorBackElement!20]{};
3076 \hspace*{0.5cm}\tikz[baseline=-0.5ex]\node[section, text=colorBackElement!20]{\usebeamer
3077 % \[-0.2cm]
3078 \par \vspace{-0.38cm}
3079 }
3080 \defbeamertemplate{subsubsection-in-toc-shaded}{gotham-bullet}{
3081 \leavevmode
3082 \hspace*{0.58cm}\tikz[baseline=-0.5ex]\node[subsubsection-number, fill=colorBackElement!20]{};
3083 \hspace*{0.69cm}\tikz[baseline=-0.5ex]\node[subsubsection, text=colorBackElement!20]{\usebea
3084 % \[-0.2cm]
3085 \par \vspace{-0.38cm}
3086 }

```

(End of definition for `\defbeamertemplate{section-in-toc}{gotham-bullet}`. This function is documented on page ??.)

`\defbeamertemplate{section-in-toc}{gotham-bullet}` Template definitions for gotham simple style of ToC that appear in section |subsection |subsubsection frame.

The following test files are used for this code: *gotham-test-042*.

```

3087 \defbeamertemplate{part-in-toc}{gotham-simple}{
3088 \leavevmode
3089 {{\inserttocpartnumber}.~\inserttocpart
3090 % \
3091 \par \vspace{-0.2cm}
3092 }
3093 \defbeamertemplate{section-in-toc}{gotham-simple}{
3094 {{\inserttocsectionnumber}.~\inserttocsection
3095 % \
3096 \par \vspace{-0.2cm}
3097 }
3098 \defbeamertemplate{subsection-in-toc}{gotham-simple}{
3099 \leavevmode
3100 \quad{{\inserttocsectionnumber}.\inserttocsubsubsectionnumber.~\inserttocsubsubsection

```



```

3101 % \
3102 \par \vspace{-0.2cm}
3103 }
3104 \defbeamertemplate{subsubsection~in~toc}{gotham~simple}{
3105 \leavevmode
3106 \quad{\inserttocsectionnumber}.\inserttocsubsectionnumber.\inserttocsubsubsectionnumber.}
3107 % \
3108 \par \vspace{-0.2cm}
3109 }
3110 \defbeamertemplate{section~in~toc~shaded}{gotham~simple}{
3111 \leavevmode
3112 \begin{colormixin}{20!parent.bg}
3113 {\inserttocsectionnumber}.\inserttocsection
3114 \end{colormixin}
3115 % \
3116 \par \vspace{-0.2cm}
3117 }
3118 \defbeamertemplate{subsection~in~toc~shaded}{gotham~simple}{
3119 \leavevmode
3120 \begin{colormixin}{20!parent.bg}
3121 \quad{\inserttocsectionnumber}.\inserttocsubsectionnumber}.\inserttocsubsection
3122 \end{colormixin}
3123 % \
3124 \par \vspace{-0.2cm}
3125 }
3126 \defbeamertemplate{subsubsection~in~toc~shaded}{gotham~simple}{
3127 \leavevmode
3128 \begin{colormixin}{20!parent.bg}
3129 \quad{\inserttocsectionnumber}.\inserttocsubsectionnumber.\inserttocsubsubsectionnumber.}
3130 \end{colormixin}
3131 % \
3132 \par \vspace{-0.2cm}
3133 }

```

(End of definition for `\defbeamertemplate{section~in~toc}{gotham~bullet}`. This function is documented on page ??.)

`\plate{background~canvas}{toc/gotham~simple}` Definition of toc page style named gotham simple and gotham bullet, used for table of content pages. Both are using a dedicated background canvas.

The following test files are used for this code: *gotham-test-042*.

```

3134 \defbeamertemplate{background~canvas}{toc/gotham~simple}{
3135 \ifbeamercoloreempty{bg}{standin}{}{
3136 \color{bg}\vrule width\paperwidth height\paperheight
3137 }
3138 }
3139 \defbeamertemplate{toc~page}{gotham~simple}{
3140 \setbeamertemplate{part~in~toc}[gotham~simple]
3141 \setbeamertemplate{section~in~toc}[gotham~simple]
3142 \setbeamertemplate{section~in~toc~shaded}[gotham~simple]
3143 \setbeamertemplate{subsection~in~toc}[gotham~simple]
3144 \setbeamertemplate{subsection~in~toc~shaded}[gotham~simple]
3145 \setbeamertemplate{subsubsection~in~toc}[gotham~simple]
3146 \setbeamertemplate{subsubsection~in~toc~shaded}[gotham~simple]
3147 \setbeamertemplate{background~canvas}[toc/gotham~simple]

```

```

3148 }
3149 \defbeamertemplate{toc~page}{gotham~bullet}{
3150 \setbeamertemplate{part~in~toc}[gotham~bullet]
3151 \setbeamertemplate{section~in~toc}[gotham~bullet]
3152 \setbeamertemplate{section~in~toc~shaded}[gotham~bullet]
3153 \setbeamertemplate{subsection~in~toc}[gotham~bullet]
3154 \setbeamertemplate{subsection~in~toc~shaded}[gotham~bullet]
3155 \setbeamertemplate{subsubsection~in~toc}[gotham~bullet]
3156 \setbeamertemplate{subsubsection~in~toc~shaded}[gotham~bullet]
3157 \setbeamertemplate{background~canvas}[toc/gotham~simple]
3158 }

```

(End of definition for \defbeamertemplate{background~canvas}{toc/gotham~simple} and \defbeamertemplate{toc~page}.
These functions are documented on page ??.)

`\begin{frame}[toc]` Add a frame option `toc` to display the toc frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-042.

```

3159 \newenvironment{tocenv}{
3160 \usebeamertemplate{toc~page}
3161 }{}
3162 \_gotham_add_beamerframe_key:n {toc}

```

(End of definition for \begin{frame}[toc]. This function is documented on page ??.)

`background~canvas}{toc~part|section|subsection~gotham}` Definition of the background canvas used by the toc in part|section|subsection.

The following test files are used for this code: gotham-test-042.

```

3163 \defbeamertemplate{background~canvas}{toc~part~gotham}{
3164 \ifbeamercolorempthy[bg]{normal~text}{\color{bg}\vrule width\paperwidth height\paperheight}
3165 }
3166 \defbeamertemplate{background~canvas}{toc~section~gotham}{
3167 \ifbeamercolorempthy[bg]{normal~text}{\color{bg}\vrule width\paperwidth height\paperheight}
3168 }
3169 \defbeamertemplate{background~canvas}{toc~subsection~gotham}{
3170 \ifbeamercolorempthy[bg]{normal~text}{\color{bg}\vrule width\paperwidth height\paperheight}
3171 }

```

(End of definition for \defbeamertemplate{background~canvas}{toc~part|section|subsection~gotham}.
This function is documented on page ??.)

`beamertemplate{toc~part~frame}{gotham~simple}` Definition of the toc in part|section|subsection templates for gotham simple style.

The following test files are used for this code: gotham-test-042.

```

3172 \defbeamertemplate{toc~part~frame}{gotham~simple}{
3173 \setbeamertemplate{part~in~toc}[gotham~simple]
3174 \setbeamertemplate{section~in~toc}[gotham~simple]
3175 \setbeamertemplate{section~in~toc~shaded}[gotham~simple]
3176 \setbeamertemplate{subsection~in~toc}[gotham~simple]
3177 \setbeamertemplate{subsection~in~toc~shaded}[gotham~simple]
3178 \setbeamertemplate{subsubsection~in~toc}[gotham~simple]
3179 \setbeamertemplate{subsubsection~in~toc~shaded}[gotham~simple]
3180 \setbeamertemplate{background~canvas}[toc~part~gotham]
3181 \setbeamertemplate{frametitle}[toc~gotham]
3182 % \usebeamertemplate*{part~page}% already included

```

```

3183 }
3184 \defbeamertemplate{toc~section~frame}{gotham~simple}{
3185   \setbeamertemplate{part~in~toc}[gotham~simple]
3186   \setbeamertemplate{section~in~toc}[gotham~simple]
3187   \setbeamertemplate{section~in~toc~shaded}[gotham~simple]
3188   \setbeamertemplate{subsection~in~toc}[gotham~simple]
3189   \setbeamertemplate{subsection~in~toc~shaded}[gotham~simple]
3190   \setbeamertemplate{subsubsection~in~toc}[gotham~simple]
3191   \setbeamertemplate{subsubsection~in~toc~shaded}[gotham~simple]
3192   \setbeamertemplate{background~canvas}[toc~section~gotham]
3193   \setbeamertemplate{frametitle}[toc~gotham]%
3194   % \usebeamertemplate*{section~page}% already included
3195 }
3196 \defbeamertemplate{toc~subsection~frame}{gotham~simple}{
3197   \setbeamertemplate{part~in~toc}[gotham~simple]
3198   \setbeamertemplate{section~in~toc}[gotham~simple]
3199   \setbeamertemplate{section~in~toc~shaded}[gotham~simple]
3200   \setbeamertemplate{subsection~in~toc}[gotham~simple]
3201   \setbeamertemplate{subsection~in~toc~shaded}[gotham~simple]
3202   \setbeamertemplate{subsubsection~in~toc}[gotham~simple]
3203   \setbeamertemplate{subsubsection~in~toc~shaded}[gotham~simple]
3204   \setbeamertemplate{background~canvas}[toc~subsection~gotham]
3205   \setbeamertemplate{frametitle}[toc~gotham]
3206   % \usebeamertemplate*{subsection~page}% already included
3207 }

```

(End of definition for `\defbeamertemplate{toc~part~frame}{gotham~simple}`. This function is documented on page ??.)

`\amertemplate{toc~part~frame}{gotham~bullet}` Definition of the toc in part|section|subsection templates for gotham bullet style.

The following test files are used for this code: gotham-test-042.

```

3208 \defbeamertemplate{toc~part~frame}{gotham~bullet}{
3209   \setbeamertemplate{part~in~toc}[gotham~bullet]
3210   \setbeamertemplate{section~in~toc}[gotham~bullet]
3211   \setbeamertemplate{section~in~toc~shaded}[gotham~bullet]
3212   \setbeamertemplate{subsection~in~toc}[gotham~bullet]
3213   \setbeamertemplate{subsection~in~toc~shaded}[gotham~bullet]
3214   \setbeamertemplate{subsubsection~in~toc}[gotham~bullet]
3215   \setbeamertemplate{subsubsection~in~toc~shaded}[gotham~bullet]
3216   \setbeamertemplate{background~canvas}[toc~part~gotham]
3217   \setbeamertemplate{frametitle}[toc~gotham]
3218   % \usebeamertemplate*{part~page}% already included
3219 }
3220 \defbeamertemplate{toc~section~frame}{gotham~bullet}{
3221   \setbeamertemplate{part~in~toc}[gotham~bullet]
3222   \setbeamertemplate{section~in~toc}[gotham~bullet]
3223   \setbeamertemplate{section~in~toc~shaded}[gotham~bullet]
3224   \setbeamertemplate{subsection~in~toc}[gotham~bullet]
3225   \setbeamertemplate{subsection~in~toc~shaded}[gotham~bullet]
3226   \setbeamertemplate{subsubsection~in~toc}[gotham~bullet]
3227   \setbeamertemplate{subsubsection~in~toc~shaded}[gotham~bullet]
3228   \setbeamertemplate{background~canvas}[toc~section~gotham]
3229   \setbeamertemplate{frametitle}[toc~gotham]%
3230   % \usebeamertemplate*{section~page}% already included

```

```

3231 }
3232 \defbeamertemplate{toc-subsection-frame}{gotham-bullet}{
3233   \setbeamertemplate{part-in-toc}[gotham-bullet]
3234   \setbeamertemplate{section-in-toc}[gotham-bullet]
3235   \setbeamertemplate{section-in-toc-shaded}[gotham-bullet]
3236   \setbeamertemplate{subsection-in-toc}[gotham-bullet]
3237   \setbeamertemplate{subsection-in-toc-shaded}[gotham-bullet]
3238   \setbeamertemplate{subsubsection-in-toc}[gotham-bullet]
3239   \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-bullet]
3240   \setbeamertemplate{background-canvas}[toc-subsection-gotham]
3241   \setbeamertemplate{frametitle}[toc-gotham]
3242   % \usebeamertemplate*{subsection-page}% already included
3243 }

```

(End of definition for `\defbeamertemplate{toc-part-frame}{gotham-bullet}`. This function is documented on page ??.)

`\begin{frame}[tocpart]` Add a frame option `tocpart` to display the `tocpart` frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: `gotham-test-042`.

```

3244 \bool_new:N \l_gotham_tocpartframe
3245 \bool_set_false:N \l_gotham_tocpartframe
3246 \define@key{beamerframe}{tocpart}[true]{
3247   \bool_set_true:N \l_gotham_tocpartframe
3248   \begingroup
3249     \usebeamertemplate{toc-part-frame}
3250 }
3251 \apptocmd{\beamer@reseteecodes}{
3252   \bool_if:NTF \l_gotham_tocpartframe {
3253     \endgroup
3254     \bool_set_false:N \l_gotham_tocpartframe
3255   }{}
3256 }{}{}
3257 % \define@key{beamerframe}{tocpart}[true]{
3258 %   \thispagestyle{navigation@tocpart}
3259 % }
3260 % \def\ps@navigation@tocpart{
3261 %   \usebeamertemplate{toc-part-frame}
3262 %   \@nameuse{ps@navigation}
3263 % }

```

(End of definition for `\begin{frame}[tocpart]`. This function is documented on page ??.)

`\begin{frame}[tocsec]` Add a frame option `tocsec` to display the `tocsec` frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: `gotham-test-042`.

```

3264 \bool_new:N \l_gotham_tocsectionframe
3265 \bool_set_false:N \l_gotham_tocsectionframe
3266 \define@key{beamerframe}{tocsec}[true]{
3267   \bool_set_true:N \l_gotham_tocsectionframe
3268   \begingroup
3269     \usebeamertemplate{toc-section-frame}

```

```

3270 }
3271 \apptocmd{\beamer@reseteecodes}{
3272   \bool_if:NTF \l_gotham_tocsectionframe {
3273     \endgroup
3274     \bool_set_false:N \l_gotham_tocsectionframe
3275   }{}
3276 }{}{}
3277 % \define@key{beamerframe}{tocsec}[true]{
3278 %   \thispagestyle{navigation@tocsec}
3279 % }
3280 % \def\ps@navigation@tocsec{
3281 %   \usebeamertemplate{toc~section~frame}
3282 %   \@nameuse{ps@navigation}
3283 % }

```

(End of definition for `\begin{frame}[tocsec]`. This function is documented on page ??.)

`\begin{frame}[tocsubsec]` Add a frame option `tocsubsec` to display the `tocsubsec` frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-042.

```

3284 \bool_new:N \l_gotham_tocsubsubsectionframe
3285 \bool_set_false:N \l_gotham_tocsubsubsectionframe
3286 \define@key{beamerframe}{tocsubsec}[true]{
3287   \bool_set_true:N \l_gotham_tocsubsubsectionframe
3288   \begingroup
3289   \usebeamertemplate{toc~subsection~frame}
3290 }
3291 \apptocmd{\beamer@reseteecodes}{
3292   \bool_if:NTF \l_gotham_tocsubsubsectionframe {
3293     \endgroup
3294     \bool_set_false:N \l_gotham_tocsubsubsectionframe
3295   }{}
3296 }{}{}
3297 % \define@key{beamerframe}{tocsubsec}[true]{
3298 %   \thispagestyle{navigation@tocsubsec}
3299 % }
3300 % \def\ps@navigation@tocsubsec{
3301 %   \usebeamertemplate{toc~subsection~frame}
3302 %   \@nameuse{ps@navigation}
3303 % }

```

(End of definition for `\begin{frame}[tocsubsec]`. This function is documented on page ??.)

`\begin{frame}[tocsubsubsec]` Add a frame option `tocsubsubsec` to display the `tocsubsubsec` frame template. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-042.

```

3304 \bool_new:N \l_gotham_tocsubsubsubsectionframe
3305 \bool_set_false:N \l_gotham_tocsubsubsubsectionframe
3306 \define@key{beamerframe}{tocsubsubsec}[true]{
3307   \bool_set_true:N \l_gotham_tocsubsubsubsectionframe
3308   \begingroup
3309   \usebeamertemplate{toc~subsubsection~frame}

```

```

3310 }
3311 \apptocmd{\beamer@reseteecodes}{
3312   \bool_if:NTF \l_gotham_tocsubsubsectionframe {
3313     \endgroup
3314     \bool_set_false:N \l_gotham_tocsubsubsectionframe
3315   }{}
3316 }{}{}
3317 % \define@key{beamerframe}{tocsubsubsec}[true]{
3318 %   \thispagestyle{navigation@tocsubsubsec}
3319 % }
3320 % \def\ps@navigation@tocsubsubsec{
3321 %   \usebeamertemplate{toc~subsubsection~frame}
3322 %   \@nameuse{ps@navigation}
3323 % }

```

(End of definition for `\begin{frame}[tocsubsubsec]`. This function is documented on page ??.)

`inner_key_□_□interface` Controls the inner settings for `parttocframe` (or `sectocframe`, `subsectocframe` respectively).

The following test files are used for this code: *gotham-test-041*.

```

3324 \keys_define:nn { gotham / inner }
3325 {
3326   % TOC style
3327   toctocframe~template .usage:n = { general },
3328   toctocframe~template .default:n = { gotham~bullet },
3329   toctocframe~template .code:n = { \__gotham_set_template:nn{toc~page}{#1} }
3330 }
3331
3332 \keys_define:nn { gotham / inner }{
3333   % parttocframe template
3334   parttocframe~template .usage:n = { general },
3335   parttocframe~template .default:n = { gotham~simple },
3336   parttocframe~template .code:n = { \__gotham_set_template:nn{toc~part~frame}{#1} }
3337 }
3338 \keys_define:nn { gotham / inner }
3339 {
3340   % parttocframe default
3341   parttocframe~default .choice:,
3342   parttocframe~default .usage:n = { general },
3343   parttocframe~default .default:n = { true },
3344
3345   parttocframe~default / true .code:n = { \booltrue{partContent} },
3346   parttocframe~default / on .code:n = { \booltrue{partContent} },
3347   parttocframe~default / enable .code:n = { \booltrue{partContent} },
3348
3349   parttocframe~default / false .code:n = { \boolfalse{partContent} },
3350   parttocframe~default / off .code:n = { \boolfalse{partContent} },
3351   parttocframe~default / disable .code:n = { \boolfalse{partContent} },
3352
3353   parttocframe~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~u
3354 }
3355
3356 \keys_define:nn { gotham / inner }{
3357   % sectiontocframe template

```

```

3358 sectiontocframe~template .usage:n = { general },
3359 sectiontocframe~template .default:n = { gotham~simple },
3360 sectiontocframe~template .code:n = { \__gotham_set_template:nn{toc~section~frame}{#1} }
3361 }
3362 \keys_define:nn { gotham / inner }
3363 {
3364 % sectiontocframe default
3365 sectiontocframe~default .choice:,
3366 sectiontocframe~default .usage:n = { general },
3367 sectiontocframe~default .default:n = { true },
3368
3369 sectiontocframe~default / true .code:n = { \booltrue{sectionContent} },
3370 sectiontocframe~default / on .code:n = { \booltrue{sectionContent} },
3371 sectiontocframe~default / enable .code:n = { \booltrue{sectionContent} },
3372
3373 sectiontocframe~default / false .code:n = { \boolfalse{sectionContent} },
3374 sectiontocframe~default / off .code:n = { \boolfalse{sectionContent} },
3375 sectiontocframe~default / disable .code:n = { \boolfalse{sectionContent} },
3376
3377 sectiontocframe~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~i
3378 }
3379
3380 \keys_define:nn { gotham / inner }{
3381 % subsectiontocframe template
3382 subsectiontocframe~template .usage:n = { general },
3383 subsectiontocframe~template .default:n = { gotham~simple },
3384 subsectiontocframe~template .code:n = { \__gotham_set_template:nn{toc~subsection~frame}{#1}
3385 }
3386 \keys_define:nn { gotham / inner }
3387 {
3388 % subsectiontocframe default
3389 subsectiontocframe~default .choice:,
3390 subsectiontocframe~default .usage:n = { general },
3391 subsectiontocframe~default .default:n = { true },
3392
3393 subsectiontocframe~default / true .code:n = { \booltrue{subsectionContent} },
3394 subsectiontocframe~default / on .code:n = { \booltrue{subsectionContent} },
3395 subsectiontocframe~default / enable .code:n = { \booltrue{subsectionContent} },
3396
3397 subsectiontocframe~default / false .code:n = { \boolfalse{subsectionContent} },
3398 subsectiontocframe~default / off .code:n = { \boolfalse{subsectionContent} },
3399 subsectiontocframe~default / disable .code:n = { \boolfalse{subsectionContent} },
3400
3401 subsectiontocframe~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~i
3402 }

```

(End of definition for inner key - interface. This function is documented on page ??.)

Environments styles

`\gotham@blocksep` `blocksep` and `blockadjust` lengths used in `\gotham@block` definition. While `gotham@strut`
`\gotham@blockadjust` is a command to ensure verticale spacing equivalent to a line.

```

3403 \newlength{\gotham@blocksep}
3404 \newlength{\gotham@blockadjust}
3405 \setlength{\gotham@blocksep}{0.75ex}

```

```

3406 \setlength{\gotham@blockadjust}{0.25ex}
3407 \providecommand{\gotham@strut}{
3408 \vphantom{ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz (/)}
3409 }

```

(End of definition for `\gotham@blocksep` and `\gotham@blockadjust`. These variables are documented on page ??.)

`\gotham@parskip` length `parskip` defined by `gotham` and the `linespread` are adjusted.

```

\linespread
3410 \newlength{\gotham@parskip}
3411 \setlength{\gotham@parskip}{0.5em}
3412 \setlength{\parskip}{\gotham@parskip}
3413 \linespread{1.15}

```

(End of definition for `\gotham@parskip` and `\linespread`. These variables are documented on page ??.)

`\newcommand{\gotham@block}[1]` The three different block environments differ only in their colours. Rather than repeat the essentially the same template three times, we use the auxiliary macro `\gotham@block` to define all three templates.

The following test files are used for this code: `gotham-test-043`.

```

3414 \providecommand{\gotham@block}[1]{
3415 \par\vskip\medskipamount
3416 \setlength{\parskip}{0pt}
3417
3418 % If a background color is defined for the block title or body, we need to add a little bit
3419 % Ideally, this would be accomplished by setting |colsep=0.75ex|, which is intended to add
3420 % Unfortunately, |colsep| also adds this separation if the background color is inherited, e
3421 % (The technical reason for this boils down to the fact that the |\ifx| directive does not
3422 %
3423 % To achieve the correct spacing for |alertblock|s and |exampleblock|s as well as for norma
3424 %
3425 % If the |block title| background is empty, or the user has explicitly removed the backgrou
3426 \ifbeamercolorempthy[bg]{block~title#1}{%
3427 \begin{beamercolorbox}[rightskip=0pt~plus~4em]{block~title#1}
3428 }{
3429 \ifbeamercolorempthy[bg]{block~title}{
3430 \begin{beamercolorbox}[rightskip=0pt~plus~4em]{block~title#1}
3431 }
3432 % Otherwise, if the |block title| has a background, we set the padding based on |\gotham@
3433 % However, we have to visually compensate for the |\gotham@strut| added to the block title
3434 %
3435 {
3436 \begin{beamercolorbox}[
3437 sep=\dimexpr\gotham@blocksep-\gotham@blockadjust\relax,
3438 leftskip=\gotham@blockadjust,
3439 rightskip=\dimexpr\gotham@blockadjust~plus~4em\relax,
3440 ]{block~title#1}
3441 }
3442 }
3443 % We can now set the contents of the |block title|.
3444 % The zero-width but positive-height box |\gotham@strut| ensures that the block title box h
3445 %
3446 \usebeamerfont*{block~title#1}
3447 \gotham@strut

```



```

3448 \insertblocktitle
3449 \gotham@strut
3450 \end{beamercolorbox}
3451 % Next, we typeset the |block body|.
3452 % This the code is similar to, but simpler than, the |block title| code since we don't need
3453 \nointerlineskip
3454 \ifbeamercoloreempty[bg]{block~body#1}{
3455 \begin{beamercolorbox}[vmode]{block~body#1}
3456 }{
3457 \ifbeamercoloreempty[bg]{block~body}{
3458 \begin{beamercolorbox}[vmode]{block~body#1}
3459 }{
3460 \begin{beamercolorbox}[sep=\gotham@blocksep, vmode]{block~body#1}
3461 \vspace{-\gotham@parskip}
3462 }
3463 }
3464 \usebeamerfont{block~body#1}
3465 \setlength{\parskip}{\gotham@parskip}
3466 }
3467 % This concludes the auxiliary macro |\gotham@block|.

```

(End of definition for \newcommand{\gotham@block}[1]. This function is documented on page ??.)

\defbeamertemplate{block~begin}{gotham} We could define the block beamer templates using the auxiliary macro \gotham@block.... Yet, following the precious advice from Sam Carter <https://github.com/jolars/moloch/issues/6>, we should keep beamer blocks. But of course, one can go back to metropolis style using the commented lines here.

The following test files are used for this code: *gotham-test-043*.

```

3468 % \defbeamertemplate*{block~begin}{gotham}{\gotham@block{}}
3469 % \defbeamertemplate*{block~alerted~begin}{gotham}{\gotham@block{-alerted}}
3470 % \defbeamertemplate*{block~example~begin}{gotham}{\gotham@block{~example}}
3471 % \defbeamertemplate*{block~end}{gotham}{\end{beamercolorbox}\vspace*{0.2ex}}
3472 % \defbeamertemplate*{block~alerted~end}{gotham}{\end{beamercolorbox}\vspace*{0.2ex}}
3473 % \defbeamertemplate*{block~example~end}{gotham}{\end{beamercolorbox}\vspace*{0.2ex}}

```

(End of definition for \defbeamertemplate{block~begin}{gotham}. This function is documented on page ??.)

\defbeamertemplate{block~begin}{gotham} We define the block beamer templates using the auxiliary macro \gotham@block.

The following test files are used for this code: *gotham-test-043*.

```

3474 \defbeamertemplate*{itemize~item}{gotham}{%\textbullet}
3475 \large
3476 \setbeamertemplate{itemize~item}[circle]
3477 \usebeamertemplate{itemize~item}
3478 }
3479 \defbeamertemplate*{itemize~subitem}{gotham}{%\blacktriangleright$
3480 \scriptsize
3481 \setbeamertemplate{itemize~subitem}[triangle]
3482 \usebeamertemplate{itemize~subitem}
3483 }
3484 \defbeamertemplate*{itemize~subsubitem}{gotham}{%square or -
3485 \Tiny
3486 $\blacksquare$ % \textbf{-}
3487 % \setbeamertemplate{itemize~subsubitem}[square]

```

```

3488 % \usebeamertemplate{itemize~subsubitem} % not working because the size of the square is ha
3489 }
3490
3491 %% TRY: enumitem package, enumitem and beamer are incompatible.
3492 % \setitemize{label=\usebeamerfont*{itemize~item}
3493 %   \usebeamercolor[fg]{itemize~item}
3494 %   \usebeamertemplate{itemize~item}}
3495 %% I tried to redefine everything to make them compatible, but it breaks the [alert] environ
3496

```

(End of definition for \defbeamertemplate{block~begin}{gotham}. This function is documented on page ??.)

```

\defbeamertemplate{caption} Templates definitions for caption and footnote.
\defbeamertemplate{footnote}   The following test files are used for this code: gotham-test-043.

3497 \defbeamertemplate*{caption~label~separator}{gotham}{:~}
3498 \setbeamertemplate{caption}[numbered]
3499 \defbeamertemplate*{footnote}{gotham}{
3500   \parindent~0em\noindent
3501   \raggedright
3502   \usebeamercolor{footnote}\hbox~to~0.8em{\hfil\insertfootnotemark}\insertfootnotetext\par
3503 }

```

(End of definition for \defbeamertemplate{caption} and \defbeamertemplate{footnote}. These functions are documented on page ??.)

Default_inner_keys Apply default key options.
The following test files are used for this code: gotham-test-043.

```

3504 % when no value is given, default is called.
3505 \keys_set:nn { gotham / inner } {
3506   title~page,
3507   watermark~template, watermark~default,
3508   standout~template, standin~template,
3509   partframe~template, partframe~default,
3510   sectionframe~template, sectionframe~default,
3511   subsectionframe~template, subsectionframe~default,
3512   subsubsectionframe~template, subsubsectionframe~default,
3513   tocframe~template,
3514   parttocframe~template, parttocframe~default,
3515   sectiontocframe~template, sectiontocframe~default,
3516   subsectiontocframe~template, subsectiontocframe~default,
3517   % subsubsectiontocframe~template, subsubsectiontocframe~default,
3518 }

```

(End of definition for Default inner keys. This function is documented on page ??.)

Process_inner_keys Process package options.
The following test files are used for this code: gotham-test-043.

```

3519 \ProcessKeyOptions[ gotham / inner ]
3520 % \mode<all>

```

(End of definition for Process inner keys. This function is documented on page ??.)

```

3521 %\endinput
3522 </inner>

```

```

3523 <*outer>
3524 \ProvidesExplPackage{beamerouterthemegotham}{2025-12-25}{1.2.4.a}{gotham outer theme}
3525 \RequirePackage{expl3}
3526 \RequirePackage{xfp}
3527 \RequirePackage{calc}
3528 \RequirePackage{tikz}

```

OUTER

Compatibility mode for colors FROM COLOR THEME: useful to provide this recall when the inner theme is loaded without the color theme.

```

3529 \@ifundefined{\string\color@colorProgBar}{
3530 \providebool{darkBG} \boolfalse{darkBG}
3531 \providebool{transparentBG} \booltrue{transparentBG}
3532 \colorlet{colorBG}{white}
3533 \colorlet{colorFG}{black}
3534 \colorlet{colorFrametitle}{purple}
3535 \colorlet{colorStandout}{purple}
3536 \colorlet{colorStandin}{purple}
3537 \colorlet{colorTitlepage}{purple}
3538 \colorlet{colorFiligrane}{gray}
3539 \colorlet{colorBackElement}{gray}
3540 \colorlet{colorProgBar}{orange}
3541 \colorlet{colorAlert}{red}
3542 \colorlet{colorExample}{green}
3543 \setbeamercolor{progress~bar}{
3544   use=alerted~text,
3545   fg=colorProgBar,
3546   bg=alerted~text.fg!50!black!30
3547 }
3548 \setbeamercolor{progress~bar~in~head/foot}{%
3549   use=progress~bar,
3550   parent=progress~bar
3551 }
3552 \setbeamercolor{progress~bar~in~part~page}{
3553   use=progress~bar,
3554   parent=progress~bar
3555 }
3556 \setbeamercolor{progress~bar~in~section~page}{
3557   use=progress~bar,
3558   parent=progress~bar
3559 }
3560 \setbeamercolor{progress~bar~in~splitvert}{
3561   use=progress~bar,
3562   parent=progress~bar
3563 }
3564 \setbeamercolor{frametitleSection}{use=primary~palette, bg=, fg=primary~palette.bg}
3565 \setbeamercolor{standout}{use=primary~palette, bg=colorStandout, fg=primary~palette.bg}
3566 \setbeamercolor{standin}{use=normal~text, bg=colorStandin, fg=normal~text.fg}
3567 \setbeamercolor{section~in~toc}{use=normal~text, parent=normal~text,}
3568 \setbeamercolor{subsection~in~toc}{use=normal~text, parent=normal~text,}
3569 \setbeamercolor{subsubsection~in~toc}{use=normal~text, parent=normal~text,}
3570 }{

```

```

3571 % else the colors are defined: this is fine.
3572 }

```

(End of definition for Compitibility mode for colors. This function is documented on page ??.)

`\l__gotham_template_name_prop` Dictionary/map of template elements and predefined option according to the context. Naming convention: template/What/Who, i.e. Name: key=background canvas/watermark, value = gotham draft

```

3573 \prop_if_exist:NTF \l__gotham_template_name_prop
3574 {}{
3575 % if not defined than define it.
3576 \prop_new:N \l__gotham_template_name_prop
3577 }

```

(End of definition for \l__gotham_template_name_prop.)

`\l__gotham_tmpa_seq` tmp variables

```

\l__gotham_tmpa_tl 3578 \seq_if_exist:NTF \l__gotham_tmpa_seq
\l__gotham_tmpl_tl 3579 {}{
3580 % sequence
3581 \seq_new:N \l__gotham_tmpa_seq
3582 }
3583 \tl_if_exist:NTF \l__gotham_tmpl_tl
3584 {}{
3585 % token list A
3586 \tl_new:N \l__gotham_tmpl_tl
3587 }
3588 \tl_if_exist:NTF \l__gotham_tmplb_tl
3589 {}{
3590 % token list B
3591 \tl_new:N \l__gotham_tmplb_tl
3592 }

```

(End of definition for \l__gotham_tmpa_seq, \l__gotham_tmpl_tl, and \l__gotham_tmplb_tl.)

`__gotham_set_prop_template:nn`

#1 : element name (from beamer doc) in other word, the name the template category

#2 : predefined option (from beamer doc)

Function that store in a map the name a template use later. The following naming convention is used: Template/What/Who Name: watermark/gotham draft. The means for example that if a beamer template is defined using `\defbeamertemplate{background}{watermark/gotham}` then the function has to be call using `__gotham_set_prop_template{background/watermark}{gotham}` that will filled internally the map using the `\l3` command `\prop_put:Nnn \l__gotham_template_name_prop`. If the template name given as input does not exist, an error is raised.

The following test files are used for this code: gotham-test-044.

```
3593 \cs_if_exist:NTF \__gotham_set_prop_template:nn {}{
3594   % if it doesn't exist, then create it.
3595   \cs_new_protected:Nn \__gotham_set_prop_template:nn
3596   {
3597     % Check if the first argument contains a /
3598     \tl_if_in:nnTF { #1 } { / }
3599     {
3600       % Split the first around the /
3601       \seq_set_split:Nnn \l__gotham_tmpa_seq { / } { #1 }
3602       \tl_set:Nn \l__gotham_tmpa_tl { \seq_item:Nn \l__gotham_tmpa_seq { 1 } }
3603       \tl_set:Nn \l__gotham_tmpb_tl { \seq_item:Nn \l__gotham_tmpa_seq { 2 } }
3604       % Check if template exist
3605       \cs_if_exist:cTF {beamer@@tmpop@\exp_not:V \l__gotham_tmpa_tl @\exp_not:V \l__gotham_tmpb_tl}
3606       % set the value in the map, so it can be called later.
3607       \prop_put:Nnn \l__gotham_template_name_prop {#1} {#2}
3608       % \setbeamertemplate{#1}[#2]
3609     }{
3610       \PackageError{beamerthemegotham}
3611       {The~beamer~template~named~'\l__gotham_tmpa_tl'~with~the~option~'\l__gotham_tmpb_tl/#2'~
3612       {helping~message}
3613     }
3614   }{% false -> error
3615     \PackageError{beamerthemegotham}
3616     {
3617       When~using~'\c_backslash_str\cs_to_str:N \__gotham_set_prop_template'~the~first~argument
3618       As~example:~if~'\c_backslash_str \defbeamertemplate{background}{watermark/gotham~draft}'~
3619     }{helping~message}
3620   }
3621 }
3622 }
```

`__gotham_add_beamerframe_key:n`

#1 : Name of the option to add, this name should also correspond to the name of the environment followed by the suffix 'env'.

Function to add an option of a frame using an environment. For example, if the name 'optionA' is the argument given to the function, an frame option named 'optionA' will be added, and this option will surround the frame with the environment named 'optionAenv'. So, the environment 'optionA' must have been declared before.

The following test files are used for this code: gotham-test-038.

```
3623 \seq_if_exist:NTF \l__gotham_frameoption_tmp_seq {}{
3624 % Define the sequence of frameoptions environments to close
3625 \seq_new:N \l__gotham_frameoption_tmp_seq
3626 }
3627
3628 \cs_if_exist:NTF \__gotham_add_beamerframe_key:n {}{
3629 % if it doesn't exist, then create it.
3630
3631 % Define the command to add frameoptions
3632 \cs_new_protected:Nn \__gotham_add_beamerframe_key:n {
3633   \define@key{beamerframe}{#1}[true]{
3634     \begin{#1env}
3635     \seq_put_left:Nn \l__gotham_frameoption_tmp_seq { \end{#1env} }
3636   }
3637 }
3638
3639 % At the end of frames close the opened environments.
3640 \apptocmd{\beamer@reseteecodes}{
3641   % Join elements in the queue without separator then output the result
3642   \seq_use:Nn \l__gotham_frameoption_tmp_seq {}
3643   % clear working queue
3644   \seq_clear:N \l__gotham_frameoption_tmp_seq
3645 }{}{}
3646 }
```

`__gotham_set_template:nn` #1 : element name (from beamer doc) in other word, the name the template category
#2 : predefined option (from beamer doc)
Function to set a beamertemplate with an option if it exists, otherwise an error is raised.
Unfortunately, (as far as I know) it not possible to test if the element name exists independently from the predefined option.

The following test files are used for this code: gotham-test-038.

```

3647 \cs_if_exist:NTF \__gotham_set_template:nn {}{
3648 % If it doesn't exist, then create it.
3649
3650 % Define the command to set template if it exists.
3651 \cs_new_protected:Nn \__gotham_set_template:nn
3652 {
3653   \cs_if_exist:cTF {beamer@tmpop@#1@#2} {
3654     \setbeamertemplate{#1}[#2]
3655   }{
3656     \PackageError{beamerinnerthemegotham}
3657       {The~beamer~template~named~'#1'~with~the~option~'#2'~does~not~exist}
3658       {helping~message~unknown~setbeamertemplate~option}
3659   }
3660 }
3661 }
```

Sidebars

`\sidebarRightHOffset` lengths between borders (right and left) and the commands (`\gothamRightFiligrane`
`\sidebarLeftHOffset` and `\gothamLeftFiligrane`) used inside `\setbeamertemplate{sidebar~canvas~right}[default/got`
(left respectively).

The following test files are used for this code: gotham-test-044.

```

3662 % sidebar lengths
3663 \newlength{\sidebarRightHOffset}
3664 \newlength{\sidebarLeftHOffset}
3665 \setlength{\sidebarRightHOffset}{-2.5ex}
3666 \setlength{\sidebarLeftHOffset}{+0.5ex}
```

(End of definition for `\sidebarRightHOffset` and `\sidebarLeftHOffset`. These variables are documented on page ??.)

`\gothamRightFiligrane` Commands used internally by `\setbeamertemplate{sidebar~canvas~right}[default/gotham~filigrane`
`\gothamLeftFiligrane` (left respectively), that are empty by default. But these commands can be simply redefined to custom watermarks (filigrane) in sidebars.

The following test files are used for this code: gotham-test-044.

```

3667 % Command to add filigrane/edging in sidebar
3668 \providecommand{\gothamRightFiligrane}{
3669 % left empty intentionally
3670 % \rotatebox{90}{gotham right filigrane pattern}
3671 }
3672 \providecommand{\gothamLeftFiligrane}{
3673 % left empty intentionally
3674 % \rotatebox{-90}{\hspace*{5em} gotham left filigrane pattern}
3675 }
```

(End of definition for `\gothamRightFiligrane` and `\gothamLeftFiligrane`. These functions are documented on page ??.)

`\defbeamertemplate{sidebar~canvas~right}{}` Definitions of `\defbeamertemplate{sidebar~canvas~right}` (respectively `\defbeamertemplate{sidebar~canvas~left}`) that are used by gotham by default.

The following test files are used for this code: gotham-test-044.

```

3676 \defbeamertemplate{sidebar~right}{default/beamer}{
3677   \vfill
3678   \llap{\insertlogo\hskip0.1cm}
3679   \vskip2pt
3680   \llap{\usebeamertemplate***{navigation~symbols}\hskip0.1cm}
3681   \vskip2pt
3682 }
3683 \defbeamertemplate{sidebar~right}{default/empty}{}
3684 \defbeamertemplate{sidebar~canvas~right}{default/empty}{}
3685 \defbeamertemplate{sidebar~canvas~right}{default/gotham-filigrane}{
3686   % pull to the left otherwise, the filigrane is outside of the frame.
3687   \hspace*{\sidebarRightHOffset}
3688   \gothamRightFiligrane
3689 }
3690 \defbeamertemplate{sidebar~left}{default/empty}{}
3691 \defbeamertemplate{sidebar~canvas~left}{default/empty}{}
3692 \defbeamertemplate{sidebar~canvas~left}{default/gotham-filigrane}{
3693   \hspace*{\sidebarLeftHOffset}
3694   \gothamLeftFiligrane
3695 }
3696 % Add the template to the prop (dictionary) of background template to use according to the s
3697 \prop_put:Nnn \l__gotham_template_name_prop {sidebar~canvas~left/default} {gotham-filigrane}
3698 \prop_put:Nnn \l__gotham_template_name_prop {sidebar~canvas~right/default} {gotham-filigrane}
3699 \prop_put:Nnn \l__gotham_template_name_prop {sidebar~left/default} {empty}
3700 \prop_put:Nnn \l__gotham_template_name_prop {sidebar~right/default} {beamer}

```

(End of definition for `\defbeamertemplate{sidebar~canvas~right}{} and \defbeamertemplate{sidebar~canvas~left}{}.`
These functions are documented on page ??.)

`\l_gotham_defaultEdging` Boolean variable to display the edging by default (or not).

The following test files are used for this code: gotham-test-044.

```

3701 \bool_new:N \l_gotham_defaultEdging
3702 \bool_set_false:N \l_gotham_defaultEdging
3703 % At every new frame, reset the options to default (unless some options/keys are given)
3704 \BeforeBeginEnvironment{frame}{
3705   \bool_if:NTF \l_gotham_defaultEdging {
3706     \setbeamertemplate{sidebar~canvas~left}[default/\prop_item:Nn \l__gotham_template_name_pro
3707     \setbeamertemplate{sidebar~canvas~right}[default/\prop_item:Nn \l__gotham_template_name_pr
3708   }{
3709     % false
3710     \setbeamertemplate{sidebar~canvas~left}[default/empty]
3711     \setbeamertemplate{sidebar~canvas~right}[default/empty]
3712   }
3713 }

```

(End of definition for `\l_gotham_defaultEdging`. This function is documented on page ??.)

`\begin{frame}[edging]` Add a frame option `edging` to display an empty sidebar canvas canvas. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: *gotham-test-044*.

```

3714 % bool to trigger the add of edging in sidebar canvas
3715 \newenvironment{edgingenv}{
3716   \setbeamertemplate{sidebar~canvas~left}[
3717     default/\prop_item:Nn \l__gotham_template_name_prop {sidebar~canvas~left/default}
3718   ]
3719   \setbeamertemplate{sidebar~canvas~right}[
3720     default/\prop_item:Nn \l__gotham_template_name_prop {sidebar~canvas~right/default}
3721   ]
3722 }{}
3723 \__gotham_add_beamerframe_key:n {edging}

```

(End of definition for `\begin{frame}[edging]`. This function is documented on page ??.)

`\begin{frame}[noedging]` Add a frame option `noedging` to do not display an empty sidebar canvas. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: *gotham-test-044*.

```

3724 % bool to trigger the add of noedging in sidebar canvas
3725 \newenvironment{noedgingenv}{
3726   \setbeamertemplate{sidebar~canvas~left}[default/empty]
3727   \setbeamertemplate{sidebar~canvas~right}[default/empty]
3728 }{}
3729 \__gotham_add_beamerframe_key:n {noedging}

```

(End of definition for `\begin{frame}[noedging]`. This function is documented on page ??.)

`outer_key_~_interface` Controls the outer settings for sidebar canvas right and sidebar canvas left.

The following test files are used for this code: *gotham-test-044*.

```

3730 \keys_define:nn { gotham / outer }
3731 {
3732   % sidebar~canvas~right template
3733   sidebar~canvas~right~template .usage:n = { general },
3734   sidebar~canvas~right~template .default:n = { gotham-filigrane },
3735   sidebar~canvas~right~template .code:n = { \__gotham_set_prop_template:nn{sidebar~canvas~right}
3736 }
3737 \keys_define:nn { gotham / outer }
3738 {
3739   % sidebar~canvas~left template
3740   sidebar~canvas~left~template .usage:n = { general },
3741   sidebar~canvas~left~template .default:n = { gotham-filigrane },
3742   sidebar~canvas~left~template .code:n = { \__gotham_set_prop_template:nn{sidebar~canvas~left}
3743 }
3744 \keys_define:nn { gotham / outer }{
3745   % edging default
3746   edging~default .choice:,
3747   edging~default .usage:n = { general },
3748   edging~default .default:n = { false },
3749
3750   edging~default / true .code:n = { \bool_set_true:N \l_gotham_defaultEdging },
3751   edging~default / on .code:n = { \bool_set_true:N \l_gotham_defaultEdging },
3752   edging~default / enable .code:n = { \bool_set_true:N \l_gotham_defaultEdging },
3753

```

```

3754 edging~default / false .code:n = { \bool_set_false:N \l_gotham_defaultEdging },
3755 edging~default / off .code:n = { \bool_set_false:N \l_gotham_defaultEdging },
3756 edging~default / disable .code:n = { \bool_set_false:N \l_gotham_defaultEdging },
3757
3758 edging~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~unknown
3759 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

Navigation & Logo

`\defbeamertemplate*{navigation~symbols}{empty}` Apply the empty navigation symbol template by default.

The following test files are used for this code: *gotham-test-045*.

```

3760 \defbeamertemplate*{navigation~symbols}{empty}{}

```

(End of definition for `\defbeamertemplate*{navigation~symbols}{empty}`. This function is documented on page ??.)

`\defbeamertemplate{navigation~symbols}{horizontal}` From Beamer default theme.

The following test files are used for this code: *gotham-test-045*.

```

3761 % \setbeamertemplate{navigation~symbols}[vertical]
3762 % \setbeamertemplate{navigation~symbols}[only~frame~symbol]
3763 % \setbeamertemplate{navigation~symbols}[default]% = horizontal
3764 % \defbeamertemplate{navigation~symbols}{horizontal}{
3765 %   \usebeamercolor[fg]{navigation~symbols}
3766 %   \insertslidenavigationssymbol
3767 %   \insertframenavigationssymbol
3768 %   \insertsubsectionnavigationssymbol
3769 %   \insertsectionnavigationssymbol
3770 %   \insertdocnavigationssymbol
3771 %   \insertbackfindforwardnavigationssymbol
3772 % }

```

(End of definition for `\defbeamertemplate{navigation~symbols}{horizontal}`. This function is documented on page ??.)

`\defbeamertemplate{logo}{empty}` Template used sometimes to have no logo on specific frames.

The following test files are used for this code: *gotham-test-045*.

```

3773 \defbeamertemplate{logo}{empty}{}

```

(End of definition for `\defbeamertemplate{logo}{empty}`. This function is documented on page ??.)

`\begin{frame}[nologo]` Add a frame option `nologo`, if you do not want your logo to be displayed. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: *gotham-test-045*.

```

3774 % bool to trigger the add of nologo action on frame.
3775 \newenvironment{nologoenv}{
3776   \setbeamertemplate{logo}{empty}
3777 }{}
3778 \__gotham_add_beamerframe_key:n {nologo}

```

(End of definition for `\begin{frame}[nologo]`. This function is documented on page ??.)

Headline & Frametitle

Headline

`\defbeamertemplate{headline}{default/gotham}` The headline template is empty by default but can be changed when using progress bar or the current section.

The following test files are used for this code: gotham-test-046, gotham-test-046b, gotham-test-047.

```
3779 \defbeamertemplate{headline}{default/gotham}{}
3780 \prop_put:Nnn \l__gotham_template_name_prop {headline/default} {gotham}
```

(End of definition for `\defbeamertemplate{headline}{default/gotham}`. This function is documented on page ??.)

`\rttemplate{headline}{default/gotham-section}` The headline template used to print the current section name and subsection. This template is used with `circlehead` progress bar

The following test files are used for this code: gotham-test-046, gotham-test-046b, gotham-test-047.

```
3781 \defbeamertemplate{headline}{default/gotham-section}{
3782 \begin{beamercolorbox}[wd=1.0\paperwidth, ht=2.5ex, dp=1.4ex, left]{headfoot}
3783 \usebeamerfont{section-in-head/foot}\hspace*{3.5ex}
3784 \usebeamertemplate{section-in-head/foot}
3785 \end{beamercolorbox}
3786 }
```

(End of definition for `\defbeamertemplate{headline}{default/gotham-section}`. This function is documented on page ??.)

Frametitle

`\gothamFrametitleToppading` Dimensions of lengths used in the frametitle: top, bottom, left and right padding. All of them are equal to 2.2ex by default.

`\gothamFrametitleBottompadding`
`\gothamFrametitleLeftpadding`
`\gothamFrametitleRightpadding`

```
3787 \newlength{\gothamFrametitleToppading}
3788 \newlength{\gothamFrametitleBottompadding}
3789 \newlength{\gothamFrametitleLeftpadding}
3790 \newlength{\gothamFrametitleRightpadding}
3791 \setlength{\gothamFrametitleToppading}{2.2ex}
3792 \setlength{\gothamFrametitleBottompadding}{2.2ex}
3793 \setlength{\gothamFrametitleLeftpadding}{2.2ex}
3794 \setlength{\gothamFrametitleRightpadding}{2.2ex}
3795 % \gotham@strut from inner
3796 \providecommand{\gotham@strut}{
3797 \vphantom{ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz (/)}
3798 }
```

(End of definition for `\gothamFrametitleToppading` and others. These variables are documented on page ??.)

`\gotham@frametitlestrut@start` Commands used to control the space over and under the title in frametitle.

`\gotham@frametitlestrut@end`

The following test files are used for this code: gotham-test-046, gotham-test-046b, gotham-test-047.

```
3799 \providecommand{\gotham@frametitlestrut@start}{
3800 \rule{0pt}{\gothamFrametitleToppading +
3801 \totalheightof{
3802 \ifcsdef{gotham@frametitleformat}{\gotham@frametitleformat{X}}{X}
3803 }
3804 }
3805 }
```

```

3806 \providecommand{\gotham@frametitlestrut@end}{
3807 \rule[-\gothamFrametitleBottompadding]{0pt}{\gothamFrametitleBottompadding}
3808 }

```

(End of definition for \gotham@frametitlestrut@start and \gotham@frametitlestrut@end. These functions are documented on page ??.)

```

\gothamInstituteLogoSquare[height]\defbeamertemplate{includeLogo}{default/gotham-square} \gothamInstituteLogoSquare
[height]

```

Command to include the desired logo and a template used to add it to the frametitle. For example you can do \renewcommand{\gothamInstituteLogoSquare}[1][4ex]{\includegraphics[height=#1]{gotham-logo.pdf}}

The following test files are used for this code: gotham-test-046, gotham-test-047.

```

3809 \providecommand{\gothamInstituteLogoSquare}[1][4ex]{
3810 \includegraphics[height=#1]{gotham-logo.pdf}
3811 }
3812 \defbeamertemplate{includeLogo}{default/gotham-square}{
3813 \gothamInstituteLogoSquare
3814 }
3815 \prop_put:Nnn \l__gotham_template_name_prop {includeLogo/default} {gotham-square}

```

```

\defbeamertemplate{includeLogo}{default/gotham-circle}

```

Template used in frametitle when the option progress bar= circlehead is activated.

The following test files are used for this code: gotham-test-046b.

```

3816 \defbeamertemplate{includeLogo}{default/gotham-circle}{
3817 \gothamProgressCircle
3818 }

```

(End of definition for \defbeamertemplate{includeLogo}{default/gotham-circle}. This function is documented on page ??.)

```

\defbeamertemplate{includeLogo}{default/gotham-circle}

```

Template to make sure the logo will remain centered and to do not change the height of the line when included. This template is used to include logo in frametitle.

The following test files are used for this code: gotham-test-046b.

```

3819 \defbeamertemplate{instituteLogo}{default/gotham}{
3820 % \raisebox{lift}[height][depth]{text}
3821 \raisebox{0pt}[0pt][0pt]{
3822 \raisebox{.5\fontcharht\font'E-0.5\height}{
3823 % \setbeamertemplate{}[]
3824 \setbeamertemplate{includeLogo}[default/\prop_item:Nn \l__gotham_template_name_prop {incl
3825 \usebeamertemplate{includeLogo}
3826 }
3827 }
3828 }
3829 \prop_put:Nnn \l__gotham_template_name_prop {instituteLogo/default} {gotham}

```

(End of definition for \defbeamertemplate{includeLogo}{default/gotham-circle}. This function is documented on page ??.)

`\gothamFrameSubtitleSep` Hyphen used as separator between title of the frame and its subtitle (within frametitle template).

The following test files are used for this code: gotham-test-047.

```

3830 \providecommand{\gothamFrameSubtitleSep}{
3831 % \[-.42em] % if newline (as default Beamer)
3832 % or if same line with a -- separator.
3833 \ ----
3834 }

```

`\gothamFramesubtitleStrutend` Length used in vspace at the end of framesubtitle.

```

3835 \newlength{\gothamFramesubtitleStrutend}
3836 \setlength{\gothamFramesubtitleStrutend}{0pt}
3837 % \setlength{\gothamFramesubtitleStrutend}{-1.25ex} %% When \newcommand{\gothamFrameSubtitle

```

(End of definition for \gothamFramesubtitleStrutend. This variable is documented on page ??.)

`\gothamFrameSubtitle` Template for frametitle include subtitle on the same line and a logo a flushed left.

The following test files are used for this code: gotham-test-047.

```

3838 \defbeamertemplate{frametitle}{default/gotham~subsameline}{
3839 \nointerlineskip
3840 \begin{beamercolorbox}[
3841 wd=\paperwidth,
3842 sep=0pt,
3843 leftskip=\gothamFrameTitleLeftpadding,
3844 rightskip=\gothamFrameTitleRightpadding,
3845 ]{frametitle}
3846 \gotham@frametitlestrut@start
3847 \insertframetitle
3848 \ifx\insertframesubtitle\@empty
3849 %% if subtitle to the frame is empty
3850 \else
3851 %% if not empty: add subtitle
3852 {\usebeamerfont{framesubtitle}\usebeamercolor[fg]{framesubtitle}\gothamFrameSubtitleSep \
3853 \vspace*{\gothamFramesubtitleStrutend}
3854 \fi
3855 \nolinebreak
3856 %% Add logo
3857 \hfill{
3858 \setbeamertemplate{instituteLogo}{default/\prop_item:Nn \l__gotham_template_name_prop {instituteLogo}}
3859 \usebeamertemplate{instituteLogo}
3860 }
3861 \gotham@frametitlestrut@end
3862 \end{beamercolorbox}
3863 }
3864 \prop_put:Nnn \l__gotham_template_name_prop {frametitle/default} {gotham~subsameline}

```

(End of definition for \defbeamertemplate{frametitle}{default/gotham~subsameline}. This function is documented on page ??.)

`\gothamFramesubtitle` Template for framesubtitle include subtitle on the same line and a logo a flushed left.

The following test files are used for this code: gotham-test-047.

```

3865 \dim_new:N \l__gotham_framesubtitle_subnewline_strutend_dim

```

```

3866 \defbeamertemplate{framesubtitle}{default/gotham~subnewline}{
3867 \nointerlineskip
3868 \begin{beamercolorbox}[
3869 wd=\paperwidth,
3870 sep=0pt,
3871 leftskip=\gothamFrametitleLeftpadding,
3872 rightskip=\gothamFrametitleRightpadding,
3873 ]{frametitle}
3874 % put the subtitle in a raisebox to have no influence on the result.
3875 \raisebox{0pt}[0pt][0pt]{
3876 \raisebox{-0.3ex}{
3877 { \usebeamerfont{framesubtitle}\usebeamercolor[fg]{framesubtitle}\insertframesubtitle}
3878 }
3879 }
3880 % add 1ex to take into account the subtitle height.
3881 \dim_set:Nn \l__gotham_framesubtitle_subnewline_strutend_dim {1.ex+\gothamFramesubtitleStrutendDim}
3882 \vspace{\l__gotham_framesubtitle_subnewline_strutend_dim}
3883 \end{beamercolorbox}
3884 }
3885 \prop_put:Nnn \l__gotham_template_name_prop {framesubtitle/default} {gotham~subnewline}

```

(End of definition for \defbeamertemplate{framesubtitle}{default/gotham~subnewline}. This function is documented on page ??.)

e{framesubtitle}{default/gotham~subnewline} Template for frametitle and a logo a flushed left then the subtitle on a new line.

The following test files are used for this code: gotham-test-047.

```

3886 \defbeamertemplate{frametitle}{default/gotham~subnewline}{
3887 \nointerlineskip
3888 \begin{beamercolorbox}[
3889 wd=\paperwidth,
3890 sep=0pt,
3891 leftskip=\gothamFrametitleLeftpadding,
3892 rightskip=\gothamFrametitleRightpadding,
3893 ]{frametitle}
3894 \gotham@frametitlestrut@start
3895 \insertframetitle
3896 \nolinebreak
3897 \hfill{
3898 \setbeamertemplate{instituteLogo}[default/\prop_item:Nn \l__gotham_template_name_prop {instituteLogo}]
3899 \usebeamertemplate{instituteLogo}
3900 }
3901 \gotham@frametitlestrut@end
3902 \end{beamercolorbox}
3903 %% End of the frametitle box, start then use the subtitle template if needed.
3904 \ifx\insertframesubtitle\@empty
3905 %% if subtitle to the frame is not empty
3906 \else
3907 % reduce vertical space to have a 1pt overlap, so no white line appears with vectorial view
3908 \vspace*{-1pt}
3909 % add the subtitle
3910 \setbeamertemplate{framesubtitle}[default/\prop_item:Nn \l__gotham_template_name_prop {framesubtitle/default}]
3911 % \setbeamertemplate{framesubtitle}%[framesubtitle/default]
3912 \usebeamertemplate{framesubtitle}
3913 \fi
3914 }

```

(End of definition for `\defbeamertemplate{framesubtitle}{default/gotham-subnewline}`. This function is documented on page ??.)

`outer_key_interface` Controls the outer settings for frametitle and framesubtitle.

The following test files are used for this code: *gotham-test-047*.

```

3915 \keys_define:nn { gotham / outer }{
3916   % frametitle template
3917   frametitle~template .usage:n = { general },
3918   frametitle~template .default:n = { gotham-subsameline },
3919   frametitle~template .code:n = {
3920     \__gotham_set_prop_template:nn{frametitle/default}{#1}
3921     \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {framet
3922   }
3923 }
3924 \keys_define:nn { gotham / outer }{
3925   % frametitle template
3926   framesubtitle~template .usage:n = { general },
3927   framesubtitle~template .default:n = { gotham-subnewline },
3928   framesubtitle~template .code:n = {
3929     \__gotham_set_prop_template:nn{framesubtitle/default}{#1}
3930     \setbeamertemplate{framesubtitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fra
3931   }
3932 }
```

(End of definition for `outer key - interface`. This function is documented on page ??.)

Continuation

`te{frametitle-continuation}{default/beamer}` Template for numerotation of frametitle when a frame are continuing on several pages (allowed with the beamer option `allowframebreaks`). Beamer theme (by default) is using roman number with uppercase.

The following test files are used for this code: *gotham-test-047*.

```

3933 \defbeamertemplate{frametitle-continuation}{default/beamer}{
3934   \usebeamerfont{frametitle}
3935   {
3936     \MakeUppercase{\romannumeral \insertcontinuationcount}
3937   }
3938 }
```

(End of definition for `\defbeamertemplate{frametitle-continuation}{default/beamer}`. This function is documented on page ??.)

`plate{frametitle-continuation}{default/tot}` Template for numerotation of frametitle when a frame are continuing on several pages (allowed with the beamer option `allowframebreaks`). This template is using arabic number slash over the total number of page for this frame.

The following test files are used for this code: *gotham-test-047*.

```

3939 \defbeamertemplate{frametitle-continuation}{default/tot}{
3940   \usebeamerfont{frametitle}
3941   {
3942     \textmd{%
3943       [\insertcontinuationcount
3944       \,/,\,%
3945       \the\numexpr\beamer@endpageofframe+1-\beamer@startpageofframe
3946     ]%
```

```

3947 }%
3948 }
3949 }

```

(End of definition for `\defbeamertemplate{frametitle-continuation}{default/tot}`. This function is documented on page ??.)

`te{frametitle-continuation}{default/gotham}` Template for numerotation of frametitle when a frame are continuing on several pages (allowed with the beamer option `allowframebreaks`). Gotham theme (by default) is using roman number with lowercase.

The following test files are used for this code: gotham-test-047.

```

3950 \defbeamertemplate{frametitle-continuation}{default/gotham}{
3951   \usebeamerfont{frametitle}
3952   {
3953     %\small
3954     (\romannumeral \insertcontinuationcount)
3955   }
3956 }
3957 \prop_put:Nnn \l__gotham_template_name_prop {frametitle-continuation/default} {gotham}

```

(End of definition for `\defbeamertemplate{frametitle-continuation}{default/gotham}`. This function is documented on page ??.)

`outer_key_□_interface` Controls the outer settings for frametitle continuation.

The following test files are used for this code: gotham-test-047.

```

3958 \keys_define:nn { gotham / outer }{
3959   % frametitle template
3960   frametitle-continuation~template .usage:n = { general },
3961   frametitle-continuation~template .default:n = { gotham },
3962   frametitle-continuation~template .code:n = {
3963     \__gotham_set_prop_template:nn{frametitle-continuation/default}{#1}
3964     \setbeamertemplate{frametitle-continuation}[default/\prop_item:Nn \l__gotham_template_name
3965   }
3966 }

```

(End of definition for `outer key - interface`. This function is documented on page ??.)

Footer & Footline
Footline

`\defbeamertemplate{footline}{empty}` Empty footline template used when the option `nofootline` is given.

The following test files are used for this code: gotham-test-048.

```

3967 \defbeamertemplate{footline}{empty}{}

```

(End of definition for `\defbeamertemplate{footline}{empty}`. This function is documented on page ??.)

`\begin{frame}[nofootline]` Add a frame option `nofootline` to do not display an empty footline. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-048.

```

3968 % bool to trigger the add of nofootline in frame.
3969 \newenvironment{nofootlineenv}{
3970   \setbeamertemplate{footline}[empty]
3971 }{}
3972 \__gotham_add_beamerframe_key:n {nofootline}

```


(End of definition for `\begin{frame}[nofootline]`. This function is documented on page ??.)

`\gothamFootlineVOffset` Lengths used in footline template.
`\gothamFootlineHeight` 3973 % Footline lengths
`\gothamFootlineDepth` 3974 % space between to bottom of the text (or the footnote) and the footline
3975 `\newlength{\gothamFootlineVOffset}`
3976 `\newlength{\gothamFootlineHeight}`
3977 `\newlength{\gothamFootlineDepth}`
3978 `\newlength{\gothamFootlineHRightOffset}`
3979
3980 `\setlength{\gothamFootlineVOffset}{-0.5ex}`
3981 `\setlength{\gothamFootlineDepth}{0.1ex}`
3982 `\setlength{\gothamFootlineHeight}{1.5ex}`
3983 `\setlength{\gothamFootlineHRightOffset}{\spaceskip}`

(End of definition for `\gothamFootlineVOffset`, `\gothamFootlineHeight`, and `\gothamFootlineDepth`. These variables are documented on page ??.)

`\defbeamertemplate*{footline}{default/gotham}` Template that is activate by default since this footline is relatively generic.

The following test files are used for this code: gotham-test-048.

3984 `\defbeamertemplate*{footline}{default/gotham}{`
3985 `% new line to adjust the footline position.`
3986 `\vspace*{\gothamFootlineVOffset}`
3987 `\begin{beamercolorbox}[`
3988 `wd=\textwidth,`
3989 `sep=0pt,`
3990 `leftskip=3ex,`
3991 `rightskip=3ex,`
3992 `ht={\gothamFootlineHeight},`
3993 `dp={\gothamFootlineDepth},`
3994 `]{footline}`
3995 `\usebeamerfont{page number in head/foot}`
3996 `\ifbeamertemplateempty{frame~footer}{`
3997 `%executed if empty`
3998 `\hfill \ \gotham@strut`
3999 `}{`
4000 `%<executed otherwise>`
4001 `\usebeamertemplate*{frame~footer}`
4002 `}`
4003 `\hspace{\gothamRightFooterPadding}`
4004 `{\usebeamertemplate{page~number~in~head/foot}}`
4005 `\hspace*{\gothamFootlineHRightOffset}`
4006 `\end{beamercolorbox}`
4007 `}`
4008 `\prop_put:Nnn \l__gotham_template_name_prop {footline/default} {gotham}`

(End of definition for `\defbeamertemplate*{footline}{default/gotham}`. This function is documented on page ??.)

`\begin{frame}[nopagenumber]` Add a frame option `nopagenumber` to do not display an page number locally. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-048.

4009 `% bool to trigger the add of nopagenumber in frame.`

```

4010 \newenvironment{nopagenumberenv}{
4011 \setbeamertemplate{page-number-in-head/foot}[none]
4012 }{}
4013 \_gotham_add_beamerframe_key:n {nopagenumber}

```

(End of definition for `\begin{frame}[nopagenumber]`. This function is documented on page ??.)

Footer

`\gothamLeftFooterPadding` Lengths used in footer template for positioning left right and bottom.

```

\gothamRightFooterPadding
\gothamFooterHOffset
4014 \newlength{\gothamLeftFooterPadding}
4015 \newlength{\gothamRightFooterPadding}
4016 \newlength{\gothamFooterHOffset}
4017 \setlength{\gothamLeftFooterPadding}{2.0ex}
4018 \setlength{\gothamRightFooterPadding}{3.5ex}
4019 \setlength{\gothamFooterHOffset}{0pt}

```

(End of definition for `\gothamLeftFooterPadding`, `\gothamRightFooterPadding`, and `\gothamFooterHOffset`. These variables are documented on page ??.)

`\defbeamertemplate{frame-footer}{none}` Footer template used when nothing is put as footer but it will create undesired results.
The following test files are used for this code: *gotham-test-048*.

```

4020 \defbeamertemplate{frame~footer}{none}{}

```

(End of definition for `\defbeamertemplate{frame~footer}{none}`. This function is documented on page ??.)

`\defbeamertemplate{frame-footer}{empty}` Footer template used when `nofooter` option is given and it presevers spacing to have nice results.

The following test files are used for this code: *gotham-test-048*.

```

4021 \defbeamertemplate{frame~footer}{empty}{
4022 \hspace{\gothamLeftFooterPadding}
4023 \hfill \
4024 \gotham@strut
4025 % decrease space between progress bar and footer
4026 \vspace*{\gothamFooterHOffset}
4027 }

```

(End of definition for `\defbeamertemplate{frame~footer}{empty}`. This function is documented on page ??.)

`\begin{frame}[nofooter]` Add a frame option `nofooter` to do not display an empty footer. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: *gotham-test-048*.

```

4028 % bool to trigger the add of nofooter in frame.
4029 \newenvironment{nofooterenv}{
4030 \setbeamertemplate{frame~footer}[empty]
4031 }{}
4032 \_gotham_add_beamerframe_key:n {nofooter}

```

(End of definition for `\begin{frame}[nofooter]`. This function is documented on page ??.)

`\l_gotham_defaultRotateFooter` Boolean variable to display the rotated footer by default (or not).
The following test files are used for this code: gotham-test-048.

```

4033 \bool_new:N \l_gotham_defaultRotateFooter
4034 \bool_set_false:N \l_gotham_defaultRotateFooter
4035 \bool_new:N \l_gotham_RotateFooter
4036 \bool_set_false:N \l_gotham_RotateFooter
4037 % At every new frame, reset the options to default (unless some options/keys are given)
4038 \BeforeBeginEnvironment{frame}{
4039   \bool_if:NTF \l_gotham_defaultRotateFooter {
4040     \bool_set_true:N \l_gotham_RotateFooter
4041   }{% false
4042     \bool_set_false:N \l_gotham_RotateFooter
4043   }
4044 }
```

(End of definition for `\l_gotham_defaultRotateFooter`. This function is documented on page ??.)

`\begin{frame}[rotateFooter]` Add a frame option `rotateFooter` to display a rotated footer. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-048.

```

4045 % bool to trigger
4046 % Capture new options/keys for frames
4047 \define@key{beamerframe}{rotateFooter}[true]{
4048   \bool_set_true:N \l_gotham_RotateFooter
4049 }
```

(End of definition for `\begin{frame}[rotateFooter]`. This function is documented on page ??.)

`\begin{frame}[noRotateFooter]` Add a frame option `noRotateFooter` to display a none-rotated footer. To do it, we must add a global boolean variable, capture the option at the begin of the frame and patch the end of the frame.

The following test files are used for this code: gotham-test-048.

```

4050 % Capture new options/keys for frames
4051 \define@key{beamerframe}{noRotateFooter}[true]{
4052   \bool_set_false:N \l_gotham_RotateFooter
4053 }
```

(End of definition for `\begin{frame}[noRotateFooter]`. This function is documented on page ??.)

`outer_key_ interface` Controls the outer settings for sidebar canvas right and sidebar canvas left.

The following test files are used for this code: gotham-test-048.

```

4054 \keys_define:nn { gotham / outer }{
4055   % rotateFooter default
4056   rotateFooter~default .choice:,
4057   rotateFooter~default .usage:n = { general },
4058   rotateFooter~default .default:n = { false },
4059
4060   rotateFooter~default / true .code:n = { \bool_set_true:N \l_gotham_defaultRotateFooter },
4061   rotateFooter~default / on .code:n = { \bool_set_true:N \l_gotham_defaultRotateFooter },
4062   rotateFooter~default / enable .code:n = { \bool_set_true:N \l_gotham_defaultRotateFooter },
4063
4064   rotateFooter~default / false .code:n = { \bool_set_false:N \l_gotham_defaultRotateFooter },
```

```

4065 rotateFooter~default / off .code:n = { \bool_set_false:N \l_gotham_defaultRotateFooter },
4066 rotateFooter~default / disable .code:n = { \bool_set_false:N \l_gotham_defaultRotateFooter
4067
4068 rotateFooter~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~u
4069 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

```

\gothamFootlineRuleLeftPadding Lengths used in footer template.
\gothamFootlineRuleHeight 4070 \newlength{\gothamFootlineRuleLeftPadding}
\gothamFootlineRuleLength 4071 \newlength{\gothamFootlineRuleHeight}
\gothamHposLeftRotFooter 4072 \newlength{\gothamFootlineRuleLength}
\gothamHposRightRotFooter 4073
\gothamVposLeftRotFooter 4074 \setlength{\gothamFootlineRuleLeftPadding}{7mm}
\gothamVposRightRotFooter 4075 \setlength{\gothamFootlineRuleHeight}{0.0pt}
4076 % \setlength{\gothamFootlineRuleHeight}{0.5pt} % This is nice also but have a cleaner default
4077 \setlength{\gothamFootlineRuleLength}{15mm}
4078
4079 % horizontal position (in picture env) for the rotated footer.
4080 \newlength{\gothamHposLeftRotFooter}
4081 \newlength{\gothamHposRightRotFooter}
4082 \newlength{\gothamVposLeftRotFooter}
4083 \newlength{\gothamVposRightRotFooter}
4084
4085 \setlength{\gothamHposLeftRotFooter}{-7pt}
4086 \setlength{\gothamHposRightRotFooter}{2pt}
4087 \setlength{\gothamVposLeftRotFooter}{15pt}
4088 \setlength{\gothamVposRightRotFooter}{15pt}

```

(End of definition for \gothamFootlineRuleLeftPadding and others. These variables are documented on page ??.)

```

\hlenRightRotFooter Temporary variables for the horizontal length of the rotated footer
\hlenLeftRotFooter 4089 % Not used yet because I need to have a latex3 settowidth equivalent.
4090 % I will maybe take inspiration from https://tex.stackexchange.com/questions/492367/does-exp
4091 % \dim_new:N \l__gotham_HLen_rightRotFooter_dim
4092 % \dim_new:N \l__gotham_HLen_leftRotFooter_dim
4093 \newlength{\hlenRightRotFooter}
4094 \newlength{\hlenLeftRotFooter}

```

(End of definition for \hlenRightRotFooter and \hlenLeftRotFooter. These variables are documented on page ??.)

eamertemplate{frame~footer}{default/gotham} Template for frame footer used by gotham, allowing a rotated footer.

The following test files are used for this code: gotham-test-048.

```

4095 \providecommand{\gothamHookFooter}{}
4096 \defbeamertemplate{frame~footer}{default/gotham}{
4097   %%% Add a ruler but wihtout affecting the dimensions of the footline
4098   \vbox to 0pt{
4099     % Vertical stretch to ensure proper spacing
4100     \vss
4101     \hbox to 0pt{
4102       \hspace*{\gothamFootlineRuleLeftPadding}
4103       % \usebeamercolor{frametitle}
4104       % \color{frametitle.bg}

```

```

4105 \usebeamercolor{footlineRule}
4106 \color{footlineRule.fg}
4107 \rule{\gothamFootlineRuleLength}{\gothamFootlineRuleHeight}
4108 \vspace*{
4109 \dimexpr \gothamFootlineHeight -0.25em\relax
4110 }
4111 % Horizontal stretch to ensure proper spacing
4112 \hss
4113 }
4114 }
4115 %%% Add Hook
4116 \gothamHookFooter{}
4117 %%% Add short date
4118 \hspace{\gothamLeftFooterPadding}
4119 \settowidth{\hlenLeftRotFooter}{\hspace{-\gothamLeftFooterPadding}}
4120 \addtolength{\hlenLeftRotFooter}{\gothamHposLeftRotFooter}
4121 % \ifbool{rotateFooter}{
4122 \bool_if:NTF \l_gotham_RotateFooter {
4123 % rotateFooter true
4124 \begin{picture}(0,0)(0,0)
4125 \put(\hlenLeftRotFooter,\gothamVposLeftRotFooter){\rotatebox{90}{\insertshortdate}}
4126 \end{picture}
4127 }{
4128 % rotateFooter false
4129 \insertshortdate
4130 }
4131 \hfill \
4132 %%% Add short title
4133 \hfill \ \insertshorttitle
4134 % make sure that the vertical space is constant: strut.
4135 \gotham@strut
4136 \hfill \
4137 \hfill \
4138 %%% Add short author
4139 \bool_if:NTF \l_gotham_RotateFooter {
4140 % rotateFooter true
4141 \settowidth{\hlenRightRotFooter}{\hspace{\gothamRightFooterPadding}\usebeamertemplate{page}}
4142 \addtolength{\hlenRightRotFooter}{\gothamHposRightRotFooter}
4143 \begin{picture}(0,0)(0,0)
4144 \put(\hlenRightRotFooter,\gothamVposRightRotFooter){\rotatebox{90}{\insertshortauthor}}
4145 \end{picture}
4146 }{
4147 % rotateFooter false
4148 \insertshortauthor
4149 }
4150 %%% Decrease space between progress bar and footer
4151 \vspace*{\gothamFooterHOffset}
4152 }
4153 \prop_put:Nnn \l__gotham_template_name_prop {frame-footer/default} {gotham}

(End of definition for \defbeamertemplate{frame-footer}{default/gotham}. This function is docu-
mented on page ??.)

```

`outer_key_`-`interface` Controls the outer settings for footer template.

The following test files are used for this code: *gotham-test-048*.

```

4154 \keys_define:nn { gotham / outer }{
4155   % footer template
4156   footer~template .usage:n = { general },
4157   footer~template .default:n = { gotham },
4158   footer~template .code:n = {
4159     \__gotham_set_prop_template:nn{frame~footer/default}{#1}
4160     \setbeamertemplate{frame~footer}[
4161       default/\prop_item:Nn \l__gotham_template_name_prop {frame~footer/default}
4162     ]
4163   }
4164 }

```

(End of definition for *outer key - interface*. This function is documented on page ??.)

Numbering

`\inserttotalframenum` We defined the number of total frame, if not defined or equal to 0 because of the first compilation, we set it to avoid arithmetical errors

The following test files are used for this code: *gotham-test-046*.

```

4165 %
4166 \def\inserttotalframenum{100}

```

(End of definition for `\inserttotalframenum`. This function is documented on page ??.)

`mermtemplate{page-number-in-head/foot}{none}` Template to do not numbering the current frame.

The following test files are used for this code: *gotham-test-048*.

```

4167 \defbeamertemplate{page-number~in-head/foot}{none}{ }

```

(End of definition for `\defbeamertemplate{page-number-in-head/foot}{none}`. This function is documented on page ??.)

`\gothamCircleNumberingVshift` Length used in `raisebox` and `hspace` in circle frame numbering.

`\gothamCircleNumberingHshift`

```

4168 \newlength{\gothamCircleNumberingVshift}
4169 \newlength{\gothamCircleNumberingHshift}
4170 \setlength{\gothamCircleNumberingVshift}{1.4mm}
4171 \setlength{\gothamCircleNumberingHshift}{2.6mm}

```

(End of definition for `\gothamCircleNumberingVshift` and `\gothamCircleNumberingHshift`. These variables are documented on page ??.)

`rttemplate{page-number-in-head/foot}{circle}` Template to add, in a circle, the number of the current frame over (slash) the total number of frames.

The following test files are used for this code: *gotham-test-048*.

```

4172 \defbeamertemplate{page-number~in-head/foot}{circle}{
4173   % horizontal space between the circle and the right part of the footer (email).
4174   \hspace{+2em}
4175   % \raisebox{lift}[height][depth]{text} => lift here = vertical space between the bottom of
4176   \raisebox{\gothamCircleNumberingVshift}[0pt][0pt]{
4177     \begin{tikzpicture}[remember~picture, overlay]
4178       \coordinate (circleCenter);
4179
4180       \usebeamercolor{frametitle}
4181
4182       \draw[fill, color=frametitle.bg] (circleCenter) circle (6mm);

```

```

4183 \draw[fill, color=frametitle.fg] (circleCenter) circle (5mm);
4184 \node[color=frametitle.bg] at (circleCenter)
4185   {\small$\sim\{\insertframenumber\}\negmedspace/\negthinspace\sb{\inserttotalframenumber}\$}
4186   ;
4187 \end{tikzpicture}
4188 % horizontal space between the right border of the page and the center of the circle.
4189 \hspace{\gothamCircleNumberingHshift}
4190 }
4191 }

```

(End of definition for `\defbeamertemplate{page-number-in-head/foot}{circle}`. This function is documented on page ??.)

outer_key_~interface Controls the outer settings for frame numbering.
The following test files are used for this code: gotham-test-048.

```

4192 \keys_define:nn { gotham / outer }{
4193   % numbering
4194   numbering .choice:,
4195   numbering .usage:n = { general },
4196   numbering .default:n = { none },
4197
4198   % \__gotham_set_template:nn{title~page}{#1}
4199   numbering / none .code:n = { \setbeamertemplate{page-number-in-head/foot}[none] },
4200   numbering / framenumber .code:n = { \setbeamertemplate{page-number-in-head/foot}[framenumber] },
4201   numbering / totalframenumber .code:n = { \setbeamertemplate{page-number-in-head/foot}[totalframenumber] },
4202   numbering / appendixframenumber .code:n = { \setbeamertemplate{page-number-in-head/foot}[appendixframenumber] },
4203   numbering / pagenumber .code:n = { \setbeamertemplate{page-number-in-head/foot}[pagenumber] },
4204   numbering / totalpagenumber .code:n = { \setbeamertemplate{page-number-in-head/foot}[totalpagenumber] },
4205   numbering / circle .code:n = { \setbeamertemplate{page-number-in-head/foot}[circle] },
4206
4207   numbering / unknown .code:n = { \PackageWarning{ gotham } { The~choice-~'#1'~is~unknown~for~this~choice.~ } }
4208 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

MiniFrames & Progress bar
 MiniFrames

plate{section-in-head/foot}{default/beamer} Template control how the section appears by default when sections are add to the headline or footline.

The following test files are used for this code: gotham-test-048.

```

4209 \defbeamertemplate{section-in-head/foot}{default/beamer}{
4210   \insertsectionhead
4211 }
4212 \defbeamertemplate{section-in-head/foot~shaded}{default/beamer}{
4213   \color{fg!50!bg}\usebeamertemplate{section-in-head/foot}
4214 }
4215
4216 % \defbeamertemplate{includeLogo}{default/gotham~square}{
4217 \prop_put:Nnn \l__gotham_template_name_prop {section-in-head/foot~shaded/default} {beamer}
4218 % \defbeamertemplate{includeLogo}{default/gotham~square}{
4219 \prop_put:Nnn \l__gotham_template_name_prop {section-in-head/foot/default} {beamer}

```

(End of definition for `\defbeamertemplate{section-in-head/foot}{default/beamer}`. This function is documented on page ??.)

`ion-in-head/foot}{default/gotham-secSubsec}`

Template for section and subsection in headline.

The following test files are used for this code: gotham-test-048.

```

4220 \defbeamertemplate{section~in~head/foot}{default/gotham~secSubsec}{
4221   \insertsectionhead
4222   \ifx\insertsubsection\empty\else
4223     \ifdefempty{\subsecname}{\relax}{
4224       \ \textbar\ \insertsubsectionhead
4225     }
4226   \fi
4227 }
4228 \defbeamertemplate{section~in~head/foot~shaded}{default/gotham~secSubsec}{
4229   \insertsectionhead
4230 }
```

(End of definition for \defbeamertemplate{section~in~head/foot}{default/gotham~secSubsec}. This function is documented on page ??.)

`template{section~in~head/foot}{default/empty}`

Empty template for section in headline, compensating the height of a line.

The following test files are used for this code: gotham-test-048.

```

4231 \defbeamertemplate{section~in~head/foot}{default/empty}{
4232   \vspace{3.875ex}
4233 }
4234 \defbeamertemplate{section~in~head/foot~shaded}{default/empty}{
4235   \vspace{3.875ex}
4236 }
```

(End of definition for \defbeamertemplate{section~in~head/foot}{default/empty}. This function is documented on page ??.)

`\gotham@temp@heightFrametitle`
`\gotham@temp@PaperheightFrametitle`

Temporary length variables to compute the height of the frametitle and the height of the paper minus the frametitle.

```

4237 \newlength{\gotham@temp@heightFrametitle}
4238 \newlength{\gotham@temp@PaperheightFrametitle}
```

(End of definition for \gotham@temp@heightFrametitle and \gotham@temp@PaperheightFrametitle. These variables are documented on page ??.)

`d/foot_left_right}{gotham-miniframes-theme}`

Template to insert the navigation bar (using miniframes) that can be added to headline (or footline) left sidebar or right sidebar.

The following test files are used for this code: gotham-test-048.

```

4239 \defbeamertemplate*{mini-nav~progress~head/foot}{gotham~miniframes~theme}
4240 {
4241   %,ht=1.75ex,dp=2.75ex
4242   \begin{beamercolorbox}[ignorebg]{section~in~head/foot}
4243     \hfuzz=\paperwidth
4244     \insertnavigation{\paperwidth}
4245     % \dohead
4246     \vspace{0.05cm}
4247   \end{beamercolorbox}
4248 }
4249 \defbeamertemplate*{mini-nav~progress~left}{gotham~miniframes~theme}
4250 {
4251   \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
4252   \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
```



```

4253
4254 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
4255
4256 \vspace{-0.6\paperheight}
4257 \rotatebox{90}{
4258   %,ht=1.75ex,dp=2.75ex
4259   \begin{beamercolorbox}[ignorebg]{section-in-head/foot}
4260     \hfuzz=\gotham@temp@PaperheightFrametitle
4261     \insertnavigation{\gotham@temp@PaperheightFrametitle}
4262     % \dohead
4263     % \vspace{0.05cm}
4264   \end{beamercolorbox}
4265 }
4266 }
4267 \defbeamertemplate*{mini-nav-progress-right}{gotham-miniframes-theme}
4268 {
4269   \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
4270   \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
4271
4272   \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
4273
4274   \vspace{\gotham@temp@heightFrametitle}
4275   \hspace{-2.3em}
4276   \rotatebox{-90}{
4277     %,ht=1.75ex,dp=2.75ex
4278     \begin{beamercolorbox}[ignorebg]{section-in-head/foot}
4279       \hfuzz=\gotham@temp@PaperheightFrametitle
4280       \insertnavigation{\gotham@temp@PaperheightFrametitle}
4281       % \dohead
4282       % \vspace{0.05cm}
4283     \end{beamercolorbox}
4284   }
4285 }

```

(End of definition for \defbeamertemplate*{mini-nav-progress-head/foot left right}{gotham-miniframes-theme}.)
This function is documented on page ??.)

Select the bullets shape

\defbeamertemplate{mini-frame}{gotham-box}

Template to add a new shape for miniframes gotham box.

The following test files are used for this code: *gotham-test-048*.

```

4286 \defbeamertemplate{mini-frame}{gotham-box}
4287 {
4288   \begin{pgfpicture}{0pt}{0pt}{.1cm}{.1cm}
4289     \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.1cm}{0.1cm}}
4290     \pgfusepath{fill,stroke}
4291   \end{pgfpicture}
4292 }[action]{
4293   \setbeamersize{mini-frame-size=.14cm, mini-frame-offset=.05cm}
4294 }
4295 %
4296 \defbeamertemplate{mini-frame-in-current-subsection}{gotham-box}
4297 {
4298   \begin{pgfpicture}{0pt}{0pt}{.1cm}{.1cm}
4299     \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.1cm}{0.1cm}}

```

```

4300 \pgfusepath{stroke}
4301 \end{pgfpicture}
4302 }

```

(End of definition for \defbeamertemplate{mini-frame}{gotham-box}. This function is documented on page ??.)

fbeamertemplate{mini-frame}{gotham-minibox} Template to add a new shape for miniframes gotham minibox.
The following test files are used for this code: gotham-test-048.

```

4303 \defbeamertemplate{mini-frame}{gotham-minibox}
4304 {
4305 \begin{pgfpicture}{0pt}{0pt}{.05cm}{.05cm}
4306 \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.05cm}{0.05cm}}
4307 \pgfusepath{fill,stroke}
4308 \end{pgfpicture}
4309 }[action]{
4310 \setbeamersize{mini-frame~size=.08cm, mini-frame~offset=.05cm}
4311 }
4312 %
4313 \defbeamertemplate{mini-frame~in~current~subsection}{gotham-minibox}
4314 {
4315 \begin{pgfpicture}{0pt}{0pt}{.05cm}{.05cm}
4316 \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.05cm}{0.05cm}}
4317 \pgfusepath{stroke}
4318 \end{pgfpicture}
4319 }

```

(End of definition for \defbeamertemplate{mini-frame}{gotham-minibox}. This function is documented on page ??.)

amertemplate{mini-frame}{gotham-minibullet} Template to add a new shape for miniframes gotham minibullet.
The following test files are used for this code: gotham-test-048.

```

4320 \defbeamertemplate{mini-frame}{gotham-minibullet}
4321 {
4322 \beamer@xelatex@fixminiframes
4323 \begin{pgfpicture}{0pt}{0pt}{0.05cm}{0.05cm}
4324 \pgfpathcircle{\pgfpoint{0.03cm}{0.03cm}}{0.03cm}
4325 \pgfusepath{fill,stroke}
4326 \end{pgfpicture}
4327 }[action]{
4328 \setbeamersize{mini-frame~size=.09cm, mini-frame~offset=.05cm}
4329 }
4330 %
4331 \defbeamertemplate{mini-frame~in~current~subsection}{gotham-minibullet}
4332 {
4333 \beamer@xelatex@fixminiframes
4334 \begin{pgfpicture}{0pt}{0pt}{0.05cm}{0.05cm}
4335 \pgfpathcircle{\pgfpoint{0.03cm}{0.03cm}}{0.03cm}
4336 \pgfusepath{stroke}
4337 \end{pgfpicture}
4338 }

```

(End of definition for \defbeamertemplate{mini-frame}{gotham-minibullet}. This function is documented on page ??.)

`outer_key_interface` Controls the outer settings for mini frames shape template.

The following test files are used for this code: gotham-test-048.

```

4339 \keys_define:nn { gotham / outer }{
4340   %% mini-frames~shape
4341   % mini-frames~shape .choice:,
4342   mini-frames~shape .usage:n = { general },
4343   mini-frames~shape .default:n = { gotham-minibullet },
4344   % \__gotham_set_template:nn{title-page}{#1}
4345   mini-frames~shape .code:n = {
4346     % \__gotham_set_template:nn{mini-frames}{#1}% This can not work since this is an alias, so
4347     \setbeamertemplate{mini-frames}[#1]
4348   },
4349   % mini-frames~shape / unknown .code:n = { \PackageWarning{ gotham } { The~choice-’#1’-is-un
4350 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

`\defbeamertemplate*{miniframe-home}` Template to adapt Beamer to the internal modification brought by Gotham: differentiation between slide to come and those done, idem for section, subsection...

The following test files are used for this code: gotham-test-048.

```

4351 \defbeamertemplate*{miniframe-home}{beamer}{
4352   % $\equiv$
4353 }
4354 \defbeamertemplate*{miniframe-current-slide}{beamer}{
4355   \usebeamertemplate{mini-frame}
4356 }
4357 \defbeamertemplate*{miniframe-done-current-section}{beamer}{
4358   \usebeamertemplate{mini-frame-in-current-subsection}
4359 }
4360 \defbeamertemplate*{miniframe-todo-current-section}{beamer}{
4361   \usebeamertemplate{mini-frame-in-current-subsection}
4362 }
4363 \defbeamertemplate*{miniframe-done-other-section}{beamer}{
4364   \usebeamertemplate{mini-frame-in-other-subsection}
4365 }
4366 \defbeamertemplate*{miniframe-todo-other-section}{beamer}{
4367   \usebeamertemplate{mini-frame-in-other-subsection}
4368 }
4369 % Templates about should appear sectioning in mini frame.
4370 % \defbeamertemplate*{miniframe-part}{beamer}{}
4371 \defbeamertemplate*{miniframe-section-current}{beamer}{}
4372 \defbeamertemplate*{miniframe-section-done}{beamer}{}
4373 \defbeamertemplate*{miniframe-section-todo}{beamer}{}
4374 \defbeamertemplate*{miniframe-subsection-current}{beamer}{}
4375 \defbeamertemplate*{miniframe-subsection-todo}{beamer}{}
4376 \defbeamertemplate*{miniframe-subsection-done}{beamer}{}
4377 % \defbeamertemplate*{miniframe-subsubsection}{beamer}{}
4378 \defbeamertemplate*{miniframe-section-done-in-other-section}{default}[1][50]
4379 {
4380   \color{fg!#1!bg}\usebeamertemplate{miniframe-section-done}
4381 }
4382 \defbeamertemplate*{miniframe-section-todo-in-other-section}{default}[1][50]
4383 {

```

```

4384 \color{fg!#1!bg}\usebeamertemplate{miniframe-section-todo}
4385 }
4386 \defbeamertemplate*{miniframe-subsection-done-in-other-section}{default}[1][50]
4387 {
4388 \color{fg!#1!bg}\usebeamertemplate{miniframe-subsection-done}
4389 }
4390 \defbeamertemplate*{miniframe-subsection-todo-in-other-section}{default}[1][50]
4391 {
4392 \color{fg!#1!bg}\usebeamertemplate{miniframe-subsection-todo}
4393 }

```

(End of definition for `\defbeamertemplate*{miniframe-home}`. This function is documented on page ??.)

`\beamertemplate{miniframe-home}{gotham-mini}` Templates for miniframes using a Gotham style inspired by a miniaturization than the one from Beamer.

The following test files are used for this code: *gotham-test-048*.

```

4394 \defbeamertemplate{miniframe-home}{gotham-mini}{
4395 \resizebox{0.85\beamer@boxsize}{\beamer@boxsize}{\equiv$}
4396 % \scalebox{0.5}[0.95]{\equiv$}
4397 }
4398 \defbeamertemplate{miniframe-current-slide}{gotham-mini}{
4399 \usebeamercolor{fg}{alerted-text}
4400 \usebeamertemplate{mini-frame}
4401 }
4402 \defbeamertemplate{miniframe-done-current-section}{gotham-mini}{
4403 \usebeamertemplate{mini-frame}
4404 }
4405 \defbeamertemplate{miniframe-todo-current-section}{gotham-mini}{
4406 \usebeamertemplate{mini-frame-in-current-subsection}
4407 }
4408 \defbeamertemplate{miniframe-done-other-section}{gotham-mini}[1][50]{
4409 \color{fg!#1!bg}\usebeamertemplate{mini-frame}
4410 }
4411 \defbeamertemplate{miniframe-todo-other-section}{gotham-mini}[1][50]{
4412 \color{fg!#1!bg}\usebeamertemplate{mini-frame-in-other-subsection}
4413 }
4414 % Templates about should appear sectioning in mini frame.
4415 % \defbeamertemplate{miniframe-part}{gotham-mini}[1][]{
4416 % p
4417 % }
4418 \defbeamertemplate{miniframe-section-current}{gotham-mini}{
4419 \fontsize{3pt}{0pt}\selectfont
4420 % \color{blue}
4421 \tl_use:N \l__gotham_minif_tmpa_tl
4422 \hspace{1.pt}
4423 }
4424 \defbeamertemplate{miniframe-section-done}{gotham-mini}{
4425 \fontsize{3pt}{0pt}\selectfont
4426 % \color{green}
4427 \tl_use:N \l__gotham_minif_tmpa_tl
4428 \hspace{1.pt}
4429 }
4430 \defbeamertemplate{miniframe-section-todo}{gotham-mini}{

```

```

4431 \fontsize{3pt}{0pt}\selectfont
4432 % \color{red}
4433 \tl_use:N \l__gotham_minif_tmpa_tl
4434 \hspace{1.pt}
4435 }
4436 \defbeamertemplate{miniframe~subsection~current}{gotham-mini}{
4437 \usebeamercolor[fg]{alerted~text}
4438 \hspace{-0.15pt}
4439 \resizebox{\beamer@boxsize}{!}{\hspace{-0.75pt}$\blacklozenge$}
4440 }
4441 \defbeamertemplate{miniframe~subsection~todo}{gotham-mini}{
4442 \hspace{-0.15pt}
4443 \resizebox{\beamer@boxsize}{!}{\hspace{-0.75pt}$\lozenge$}
4444 }
4445 \defbeamertemplate{miniframe~subsection~done}{gotham-mini}{
4446 \hspace{-0.15pt}
4447 \resizebox{\beamer@boxsize}{!}{\hspace{-0.75pt}$\blacklozenge$}
4448 }
4449 % \defbeamertemplate{miniframe~subsubsection}{gotham-mini}{
4450 % d
4451 % }

```

(End of definition for `\defbeamertemplate{miniframe~home}{gotham-mini}`. This function is documented on page ??.)

`\beamertemplate{miniframe~home}{gotham-nano}`

Template for Gotham mini frame style using even less space.

The following test files are used for this code: *gotham-test-048*.

```

4452 \defbeamertemplate{miniframe~home}{gotham-nano}{
4453 % \resizebox{\beamer@boxsize}{!}{\equiv$}
4454 \scalebox{0.5}[0.95]{\equiv$}
4455 }
4456 \defbeamertemplate{miniframe~current~slide}{gotham-nano}{
4457 o
4458 }
4459 \defbeamertemplate{miniframe~done~current~section}{gotham-nano}{
4460 x
4461 }
4462 \defbeamertemplate{miniframe~todo~current~section}{gotham-nano}{
4463 $\cdot$
4464 }
4465 \defbeamertemplate{miniframe~done~other~section}{gotham-nano}{
4466 x
4467 }
4468 \defbeamertemplate{miniframe~todo~other~section}{gotham-nano}{
4469 $\cdot$
4470 }
4471 % Templates about should appear sectioning in mini frame.
4472 % \defbeamertemplate{miniframe~part}{gotham-nano}[1][]{
4473 % p
4474 % }
4475 \defbeamertemplate{miniframe~section~current}{gotham-nano}{
4476 \tl_use:N \l__gotham_minif_tmpa_tl
4477 }
4478 \defbeamertemplate{miniframe~section~done}{gotham-nano}{

```

```

4479 \tl_use:N \l__gotham_minif_tmpa_tl
4480 }
4481 \defbeamertemplate{miniframe-section-todo}{gotham-nano}{
4482 \tl_use:N \l__gotham_minif_tmpa_tl
4483 }
4484 \defbeamertemplate{miniframe-subsection-current}{gotham-nano}{
4485 \usebeamercolor[fg]{alerted-text}$\diamond$
4486 }
4487 \defbeamertemplate{miniframe-subsection-todo}{gotham-nano}{
4488 $\diamond$
4489 }
4490 \defbeamertemplate{miniframe-subsection-done}{gotham-nano}{
4491 $\diamond$
4492 }

```

(End of definition for `\defbeamertemplate{miniframe-home}{gotham-nano}`. This function is documented on page ??.)

`\defbeamertemplateparent{mini-frames-bundle}` Define a parent template to set the 6 templates at once.

The following test files are used for this code: *gotham-test-048*.

```

4493 \defbeamertemplateparent{mini-frames-bundle}
4494 { miniframe-home, miniframe-current-slide,
4495 miniframe-done-current-section, miniframe-todo-current-section, miniframe-done-other-section,
4496 miniframe-section-current, miniframe-section-done, miniframe-section-todo,
4497 miniframe-subsection-current, miniframe-subsection-done, miniframe-subsection-todo,
4498 }{}
4499 %\setbeamertemplate{mini-frames-bundle}[gotham-mini][beamer][gotham-nano]%

```

(End of definition for `\defbeamertemplateparent{mini-frames-bundle}`. This function is documented on page ??.)

`outer_key_~_interface` Controls the outer settings for mini frames bundle template.

The following test files are used for this code: *gotham-test-050*.

```

4500 \keys_define:nn { gotham / outer }{
4501 %% mini-frames-bundle
4502 % mini-frames-bundle .choice:,
4503 mini-frames-bundle .usage:n = { general },
4504 mini-frames-bundle .default:n = { gotham-mini },
4505 % \__gotham_set_template:nn{title-page}{#1}
4506 mini-frames-bundle .code:n = {
4507 % \__gotham_set_template:nn{mini-frames}{#1}% This can not work since this is an alias, so
4508 \setbeamertemplate{mini-frames-bundle}[#1]
4509 },
4510 % mini-frames-bundle / unknown .code:n = { \PackageWarning{ gotham } { The-choice-'#1'-is-unknown } }
4511 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

MiniFrames Navigation

`outer_key_~_interface` Controls the outer settings for mini frames compress template.

The following test files are used for this code: *gotham-test-050*.

```

4512 \keys_define:nn { gotham / outer }{
4513 % mini-frames-compress default
4514 mini-frames-compress .choice:,

```

```

4515 mini~frames~compress .usage:n = { general },
4516 mini~frames~compress .default:n = { true },
4517
4518 mini~frames~compress / true .code:n = { \beamer@compresstrue },
4519 mini~frames~compress / on .code:n = { \beamer@compresstrue },
4520 mini~frames~compress / enable .code:n = { \beamer@compresstrue },
4521
4522 mini~frames~compress / false .code:n = { \beamer@compressfalse },
4523 mini~frames~compress / off .code:n = { \beamer@compressfalse },
4524 mini~frames~compress / disable .code:n = { \beamer@compressfalse },
4525
4526 mini~frames~compress / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~u
4527 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

<pre> \l__gotham_minif_tmpa_tl \gotham@temp@MiniframeSubsecDim \gotham@temp@lastSec </pre>	<p>Temporary variables used for the store dimension of the miniframe subsection, check if the last section treated and the pass the value of the section to the section template.</p> <pre> 4528 \newlength{\gotham@temp@MiniframeSubsecDim} 4529 \newlength{\gotham@temp@MiniframeSecDim} 4530 \def\gotham@temp@lastSec{-1} 4531 \tl_new:N \l__gotham_minif_tmpa_tl 4532 \tl_new:N \l__gotham_minif_tmpp_tl </pre>
--	---

(End of definition for \l__gotham_minif_tmpa_tl, \gotham@temp@MiniframeSubsecDim, and \gotham@temp@lastSec. These variables are documented on page ??.)

`\renewcommand{\slideentry}` Redefinition of the `slideentry` command from Beamer in order to add home page symbol, section symbol, subsection symbol to come and done.

The following test files are used for this code: gotham-test-048.

```

4533 % definition from Beamerbasenavigation.sty
4534 % \def\slideentry#1#2#3#4#5#6{%
4535 \renewcommand{\slideentry}[6]{%
4536     %section number, subsection number, slide number, first/last frame, page number, part number
4537     \ifnum#6=\c@part\ifnum#3>0\ifnum#6=\c@part\ifnum#1>0\ifnum#3>0 MODIF
4538     \ifbeamer@compress%
4539     \advance\beamer@xpos by1\relax%
4540     \else%
4541     \ifnum#2=0%
4542     \beamer@ypos@offset=1\relax%
4543     \fi%
4544     \beamer@xpos=#3\relax%
4545     \beamer@ypos=#2\relax%
4546     \advance\beamer@ypos by \beamer@ypos@offset\relax%
4547     \fi%
4548     %% Add section number and subsection symbol to miniframes.
4549     %% MODIF below, inspired from https://tex.stackexchange.com/questions/722523
4550     \ifnum#3=1\c@subsectionslide=#3 % if =1, so it has been reset => new section or subsection
4551     \ifnum#1>0\ifnum#2<2% => there no subsection in this section.
4552     \ifnum\gotham@temp@lastSec=#1%
4553     % this means, that we already went through: there no subsec, then the first subsec has
4554     \else%
4555     \tl_set:Nn \l__gotham_minif_tmpa_tl {#1}
4556     \settowidth{\gotham@temp@MiniframeSecDim}{\usebeamertemplate{miniframe-section-current}}
4557     % \addtolength{\gotham@temp@MiniframeSecDim}{1.5pt}
4558     \hbox to 0pt{%
4559     \beamer@tempdim=-\beamer@vboxoffset%
4560     \advance\beamer@tempdim by-\beamer@boxsize%
4561     \multiply\beamer@tempdim by\beamer@ypos%
4562     \advance\beamer@tempdim by -.05cm%
4563     \raise\beamer@tempdim\hbox{%
4564     \beamer@tempdim=\beamer@boxsize%
4565     \multiply\beamer@tempdim by\beamer@xpos%
4566     \advance\beamer@tempdim by -\beamer@boxsize%
4567     \advance\beamer@tempdim by -\gotham@temp@MiniframeSecDim% NEW
4568     \advance\beamer@tempdim by 1pt%
4569     \kern\beamer@tempdim%
4570     \global\beamer@section@min@dim\beamer@tempdim%
4571     \hbox{\beamer@link(#4){%
4572     % \usebeamertemplate{miniframe-section}%
4573     % if not first page then check if it is the current section.
4574     \ifnum\c@section=#1%
4575     % check if it is the current slide
4576     \ifnum\c@subsectionslide=#3%
4577     \usebeamertemplate{miniframe-section-current}
4578     \else%
4579     \ifnum\c@subsectionslide<#3
4580     \usebeamertemplate{miniframe-section-todo}
4581     \else%
4582     \usebeamertemplate{miniframe-section-done}
4583     \fi%
4584     \fi%
4585     \else% \ifnum\c@section=#1%112
4586     \ifnum\c@section<#1
4587     \usebeamertemplate{miniframe-section-todo-in-other-section}
4588     \else%
4589     \usebeamertemplate{miniframe-section-done-in-other-section}
4590     \fi%
4591     \fi% \ifnum\c@section=#1
4592     }}%

```


`gothamZerosectionframes` Boolean variable to flag if they are frame in a zeroth section.

```
4753 \providebool{gothamZerosectionframes}
4754 \boolfalse{gothamZerosectionframes}
```

(End of definition for `gothamZerosectionframes`. This variable is documented on page ??.)

`\insertnavigation` Patches for `\insertnavigation` and `\sectionentry` to be able to adapt with spreading values.

The following test files are used for this code: gotham-test-048.

```
4755 \providecommand{\gothamInsertNavlength}{
4756 % spreading by default
4757 \ifbool{gothamZerosectionframes}{
4758 %true
4759 % spreading
4760 \hskip-0.5ex~plus~1fill
4761 }{
4762 %false
4763 \hskip-1.875ex~plus~1fill
4764 }%
4765 }
4766 \providecommand{\gothamPatchInsertNav}{
4767 % Don't patch for now
4768 \box\beamer@sectionbox\hfil\hskip.3cm
4769 }
4770 \providecommand{\gothamPatchSectionentry}{
4771 % Don't patch for now
4772 \hskip1.875ex~plus~1fill
4773 }
4774 \providecommand{\gothamPatchSectionbox}{
4775 % Don't patch for now
4776 \ht\beamer@sectionbox=1.875ex
4777 \dp\beamer@sectionbox=0.75ex
4778 }
4779 \ExplSyntaxOff
4780 % To let the 0-th section appear.
4781 \patchcmd{\insertnavigation}{\hskip-1.875ex plus 1fill}{%
4782 \ifnum\value{section}=0%
4783 \ifnum\value{framenum}>0%
4784 \hskip-0ex%
4785 \global\booltrue{gothamZerosectionframes}%
4786 \fi\fi%
4787 \gothamInsertNavlength%
4788 }{}{}
4789 %% Remove hfill between sections => flush right bullet bar, if not corrected.
4790 \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\gothamPatchSectionentry}{}{}
4791 %% Centering the bullet bar
4792 \patchcmd{\insertnavigation}{\box\beamer@sectionbox\hfil\hskip.3cm}{\gothamPatchInsertNav}{}{}
4793 % Patch size of sectionbox
4794 \patchcmd{\insertnavigation}{\ht\beamer@sectionbox=1.875ex%
4795 \dp\beamer@sectionbox=0.75ex%
4796 }{}
4797 \gothamPatchSectionbox
4798 }{}{}
4799 \patchcmd{\sectionentry}{\ht\beamer@sectionbox=1.875ex%
```

```

4800 \dp\beamer@sectionbox=0.75ex%
4801 }{
4802 \gothamPatchSectionbox
4803 }{}{}
4804 \ExplSyntaxOn

```

(End of definition for \insertnavigation and \sectionentry. These functions are documented on page ??.)

`outer_key_~interface` Controls the outer settings for mini frames navigation spreading.
The following test files are used for this code: gotham-test-051.

```

4805 \keys_define:nn { gotham / outer }{
4806 % mini-frames-nav~spreading default
4807 mini-frames-nav~spreading .choice:,
4808 mini-frames-nav~spreading .usage:n = { general },
4809 mini-frames-nav~spreading .default:n = { spreading },
4810
4811 mini-frames-nav~spreading / spreading .code:n = {
4812 %
4813 \renewcommand{\gothamInsertNavlength}{
4814 \ifbool{gothamZerosectionframes}{
4815 %true
4816 % spreading
4817 \hskip-0.5ex
4818 }{
4819 %false
4820 \hskip-1.875ex-plus-1fill
4821 }%
4822 }
4823 % No other patch needed, but renewcommand if it has been modified previously.
4824 \renewcommand{\gothamPatchInsertNav}{
4825 % Don't patch for now
4826 \box\beamer@sectionbox\hfil\hskip.3cm
4827 }
4828 \renewcommand{\gothamPatchSectionentry}{
4829 % Don't patch for now
4830 \hskip1.875ex-plus-1fill
4831 }
4832 },
4833 mini-frames-nav~spreading / centering .code:n = {
4834 %
4835 \renewcommand{\gothamInsertNavlength}{
4836 \ifbool{gothamZerosectionframes}{
4837 %true
4838 % centering +patch sectionentry +patch insertnav @sectionbox
4839 \hskip-0.5ex-plus-1fill
4840 }{
4841 %false
4842 % \patchcmd{\insertnavigation}{\hskip-1.875ex plus-1fill}{\hfill}}{}{}
4843 \hfill
4844 }%
4845 }
4846 % Centering the bullet bar
4847 % \patchcmd{\insertnavigation}{\box\beamer@sectionbox\hfil\hskip.3cm}{\box\beamer@section

```

```

4848 \renewcommand{\gothamPatchInsertNav}{
4849 \box\beamer@sectionbox\hfill\hskip.3cm
4850 }
4851 %% Remove hfill between sections => flush right bullet bar, if not corrected.
4852 % \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\hskip 3.5ex}{}{}
4853 \renewcommand{\gothamPatchSectionentry}{
4854 \hskip-3.5ex
4855 }
4856 },
4857 mini-frames~nav~spreading / left .code:n = {
4858 %
4859 \renewcommand{\gothamInsertNavlength}{
4860 \ifbool{gothamZerosectionframes}{
4861 %true
4862 % flush left +patch sectionenty
4863 \hskip-0.5ex
4864 }{
4865 %false
4866 % no patch
4867 \hskip-1.875ex plus-1fill
4868 }%
4869 }
4870 % Centering the bullet bar : NO
4871 % no patch
4872 \renewcommand{\gothamPatchInsertNav}{
4873 \box\beamer@sectionbox\hfil\hskip.3cm
4874 }
4875 %% Remove hfill between sections => flush right bullet bar, if not corrected.
4876 % \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\hskip 3.5ex}{}{}
4877 \renewcommand{\gothamPatchSectionentry}{
4878 \hskip-3.5ex
4879 }
4880 },
4881 mini-frames~nav~spreading / right .code:n = {
4882 %
4883 \renewcommand{\gothamInsertNavlength}{
4884 \ifbool{gothamZerosectionframes}{
4885 %true
4886 % flush right +patch sectionenty
4887 \hskip-0.5ex~plus~1fill
4888 }{
4889 %false
4890 % no patch
4891 \hskip-1.875ex plus-1fill
4892 }%
4893 }
4894 % Centering the bullet bar : NO
4895 % no patch
4896 \renewcommand{\gothamPatchInsertNav}{
4897 \box\beamer@sectionbox\hfil\hskip.3cm
4898 }
4899 %% Remove hfill between sections => flush right bullet bar, if not corrected.
4900 % \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\hskip 3.5ex}{}{}
4901 \renewcommand{\gothamPatchSectionentry}{

```

```

4902     \hskip-3.5ex
4903   },
4904 },
4905 mini~frames~nav~spreading / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'
4906 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

outer_key_~interface Controls the outer settings for mini frames navigation sectioning template.

The following test files are used for this code: gotham-test-051.

```

4907 \keys_define:nn { gotham / outer }{
4908 % mini~frames~nav~sectioning default
4909 mini~frames~nav~sectioning .choice:,
4910 mini~frames~nav~sectioning .usage:n = { general },
4911 mini~frames~nav~sectioning .default:n = { secsubsection },
4912
4913 mini~frames~nav~sectioning / none .code:n = {
4914 %
4915 __gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
4916 __gotham_set_template:nn{section~in~head/foot}{default/empty}
4917 \renewcommand{\gothamPatchSectionbox}{
4918 % patch to set section box height to 0.
4919 \ht\beamer@sectionbox=0pt
4920 \dp\beamer@sectionbox=0pt
4921 }
4922 },
4923 mini~frames~nav~sectioning / section .code:n = {
4924 %
4925 __gotham_set_template:nn{section~in~head/foot~shaded}{default} %from Beamer
4926 __gotham_set_template:nn{section~in~head/foot}{default} %from Beamer
4927 },
4928 mini~frames~nav~sectioning / secsubsection .code:n = {
4929 %
4930 __gotham_set_template:nn{section~in~head/foot~shaded}{default/gotham-secSubsec}
4931 __gotham_set_template:nn{section~in~head/foot}{default/gotham-secSubsec}
4932 },
4933
4934 mini~frames~nav~sectioning / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'
4935 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

outer_key_~interface Controls the outer settings for mini frames navigation position template.

The following test files are used for this code: gotham-test-051.

```

4936 \tl_new:N \l__gotham_out_tmp_mfnposi_tl
4937 \tl_new:N \l__gotham_out_tmp_pbar_tl
4938 \keys_define:nn { gotham / outer }{
4939 % mini~frames~nav~position default
4940 mini~frames~nav~position .choice:,
4941 mini~frames~nav~position .usage:n = { general },
4942 mini~frames~nav~position .default:n = { none },
4943
4944 mini~frames~nav~position / none .code:n = {
4945 %

```

```

4946 % reset if it has modified by another progressbar strategy
4947 % \l_gotham_set_prop_template:nn{sidebar~canvas~right/default}#{#1}
4948 \tl_set:Nn \l_gotham_out_tmp_mfnposi_tl {none}
4949
4950 % head
4951 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {head} {
4952   % True: nothing to do it is already occupied.
4953 }{
4954   \setbeamertemplate{headline}[default/\prop_item:Nn \l_gotham_template_name_prop {headlin
4955 }
4956 % frametitle
4957 % \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {frametitle} {
4958 %   % True: nothing to do it is already occupied.
4959 % }{
4960 %   \setbeamertemplate{frametitle}[default/\prop_item:Nn \l_gotham_template_name_prop {fra
4961 % }
4962 % foot
4963 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {footline} {
4964   % True: nothing to do it is already occupied.
4965 }{
4966   \setbeamertemplate{footline}[default/\prop_item:Nn \l_gotham_template_name_prop {footlin
4967 }
4968 % left
4969 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {left} {
4970   % True: nothing to do it is already occupied.
4971 }{
4972   \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l_gotham_template_name_prop {sid
4973 }
4974 % right
4975 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {right} {
4976   % True: nothing to do it is already occupied.
4977 }{
4978   \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l_gotham_template_name_prop {si
4979 }
4980 },
4981 mini-frames~nav~position / head .code:n = {
4982   %
4983   \tl_if_eq:VnTF \l_gotham_out_tmp_mfnposi_tl {head} {
4984     % True: nothing to do it is already done.
4985   }{
4986     % False : remember that choice in order to do not apply it several time and add to beamer
4987     \tl_set:Nn \l_gotham_out_tmp_mfnposi_tl {head}
4988
4989     \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {head} {
4990       % True: nothing to do it is already occupied.
4991     }{
4992       \setbeamertemplate{headline}[default/\prop_item:Nn \l_gotham_template_name_prop {headlin
4993     }
4994     % \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {frametitle} {
4995     %   % True: nothing to do it is already occupied.
4996     % }{
4997     %   \setbeamertemplate{frametitle}[default/\prop_item:Nn \l_gotham_template_name_prop {fr
4998     % }
4999     \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {footline} {

```

```

5000 % True: nothing to do it is already occupied.
5001 }{
5002 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5003 }
5004 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5005 % True: nothing to do it is already occupied.
5006 }{
5007 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5008 }
5009 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5010 % True: nothing to do it is already occupied.
5011 }{
5012 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5013 }
5014
5015 %
5016 \addtobeamertemplate{headline}{}{
5017 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5018 \usebeamertemplate*{mini~nav~progress~head/foot}
5019 }{}
5020 }
5021 }
5022 },
5023 mini~frames~nav~position / foot .code:n = {
5024 %
5025 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5026 % True: nothing to do it is already done.
5027 }{
5028 % False : remember that choice in order to do not apply it several time and add to beamer
5029 \tl_set:Nn \l__gotham_out_tmp_mfnposi_tl {foot}
5030
5031 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5032 % True: nothing to do it is already occupied.
5033 }{
5034 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5035 }
5036 % \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5037 % % True: nothing to do it is already occupied.
5038 % }{
5039 % \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fr
5040 % }
5041 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5042 % True: nothing to do it is already occupied.
5043 }{
5044 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5045 }
5046 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5047 % True: nothing to do it is already occupied.
5048 }{
5049 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5050 }
5051 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5052 % True: nothing to do it is already occupied.
5053 }{

```

```

5054     \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5055 }
5056
5057 \addtobeamertemplate{footline}{}{
5058   \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5059     \usebeamertemplate*{mini~nav~progress~head/foot}
5060   }{}
5061 }
5062 }
5063 },
5064 mini~frames~nav~position / left .code:n = {
5065   %
5066   \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5067     % True: nothing to do it is already done.
5068   }{
5069     % False : remember that choice in order to do not apply it several time and add to beamer
5070     \tl_set:Nn \l__gotham_out_tmp_mfnposi_tl {left}
5071
5072     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5073       % True: nothing to do it is already occupied.
5074     }{
5075       \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5076     }
5077     % \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5078     %   % True: nothing to do it is already occupied.
5079     % }{
5080     %   \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fr
5081     % }
5082     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5083       % True: nothing to do it is already occupied.
5084     }{
5085       \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5086     }
5087     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5088       % True: nothing to do it is already occupied.
5089     }{
5090       \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5091     }
5092     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5093       % True: nothing to do it is already occupied.
5094     }{
5095       \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5096     }
5097
5098     %
5099     \addtobeamertemplate{sidebar~left}{}{
5100       \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5101         \usebeamertemplate*{mini~nav~progress~left}
5102       }{}
5103     }
5104   }
5105 },
5106 mini~frames~nav~position / right .code:n = {
5107   %

```

```

5108 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5109   % True: nothing to do it is already done.
5110 }{
5111   % False : remember that choice in order to do not apply it several time and add to beamer
5112   \tl_set:Nn \l__gotham_out_tmp_mfnposi_tl {right}
5113
5114   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5115     % True: nothing to do it is already occupied.
5116   }{
5117     \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5118   }
5119   % \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5120   %   % True: nothing to do it is already occupied.
5121   % }{
5122   %   \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fr
5123   % }
5124   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5125     % True: nothing to do it is already occupied.
5126   }{
5127     \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5128   }
5129   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5130     % True: nothing to do it is already occupied.
5131   }{
5132     \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5133   }
5134   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5135     % True: nothing to do it is already occupied.
5136   }{
5137     \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5138   }
5139
5140   %
5141   \addtobeamertemplate{sidebar~right}{}{}
5142   \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5143     \usebeamertemplate*{mini~nav~progress~right}
5144   }{}
5145   }
5146 }
5147 },
5148
5149 mini~frames~nav~position / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~
5150 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

Progress bar

`\gothamProgressHeadFootLineheight` Lengths used in tikz rectangle.

```

5151 \newlength{\gotham@progressinheadfoot}
5152 \newlength{\gothamProgressHeadFootLineheight}
5153 \setlength{\gothamProgressHeadFootLineheight}{1.2ex}

```

(End of definition for `\gothamProgressHeadFootLineheight`. This variable is documented on page ??.)

\l_gotham_ProgCircleMoving_bool \l_gotham_progbar_advancement_tlbr_bool \l_gotham_pmfn_bool	Boolean variables controlling the direction of progression and if the current frame number is moving with the progression and if the miniframes navigation should be printed inside the progress bar.
---	---

5154 5155 5156 5157 5158 5159 5160 5161	\bool_new:N \l_gotham_ProgCircleMoving_bool \bool_set_true:N \l_gotham_ProgCircleMoving_bool \bool_new:N \l_gotham_progbar_advancement_tlbr_bool \bool_set_true:N \l_gotham_progbar_advancement_tlbr_bool \bool_new:N \l_gotham_pmfn_bool \bool_set_false:N \l_gotham_pmfn_bool
--	--

(End of definition for \l_gotham_ProgCircleMoving_bool, \l_gotham_progbar_advancement_tlbr_bool, and \l_gotham_pmfn_bool. These variables are documented on page ??.)

`_gotham_rectangle_box_progressbar:n`

`#1` : width of the progress bar.

Command to draw a rectangular progress bar that can go from left to right or the opposite and that can include a navigation miniframes bar.

The following test files are used for this code: gotham-test-048.

```
5162 % #1: 'linewidth'
5163 \cs_new_protected:Npn \_gotham_rectangle_box_progressbar:n #1
5164 {
5165   %
5166   \setlength{\gotham@progressinheadfoot}{
5167     #1 * \ratio{\insertframenumber pt}{\inserttotalframenumber pt}
5168   }
5169
5170   %
5171   \begin{beamercolorbox}[wd=#1]{progress~bar~in~head/foot}
5172     \begin{tikzpicture}
5173       \usebeamercolor{progress~bar~in~head/foot}
5174
5175       % gray rectangle in the background.
5176       \fill[color=progress~bar~in~head/foot.bg]
5177         (0pt, 0pt) rectangle ++ (#1, \gothamProgressHeadFootLineheight)
5178       ;
5179
5180       \bool_if:NTF \l_gotham_progbar_advancement_tlbr_bool {
5181         % from left to right
5182         % orange rectangle progressing
5183         \fill[color=progress~bar~in~head/foot.fg]
5184           (0pt, 0pt) rectangle ++ (\gotham@progressinheadfoot, \gothamProgressHeadFootLineheight)
5185         ;
5186       }{
5187         % from right to left
5188         % orange rectangle progressing
5189         \fill[color=progress~bar~in~head/foot.fg]
5190           (#1, \gothamProgressHeadFootLineheight) rectangle ++ (-\gotham@progressinheadfoot, -\gothamProgressHeadFootLineheight)
5191         ;
5192       }
5193
5194       \bool_if:NTF \l_gotham_pmfn_bool {
5195         % progress miniframes navigation is on.
5196         \node at (#1/2, \gothamProgressHeadFootLineheight/2)
5197           [text~height=0.1pt, text~depth=0.05pt, inner~sep=0pt] %draw=red,
5198           {
5199             \usebeamercolor[fg]{normal~text}
5200             % \fontsize{3.5pt}{0pt}\selectfont
5201             \raisebox{0.5\gothamProgressHeadFootLineheight+1.4pt}[0pt][0pt]{
5202               %\dohead
5203               \hfuzz=#1
5204               \insertnavigation{#1}
5205             }
5206           }
5207         ;
5208       }{
5209         % false
5210         % nothing to do since progress miniframes navigation is off.
5211       }
5212     \end{tikzpicture}
5213   \end{beamercolorbox}
5214 }
```

progress-bar-in-head/foot}{gotham-rectangle}

template displaying the progress bar in head, frametitle or footline.

The following test files are used for this code: gotham-test-046, gotham-test-046b, gotham-test-047, gotham-test-048.

```
5215 \defbeamertemplate{progress-bar~in~head/foot}{gotham-rectangle}{
5216   \nointerlineskip
5217   \_gotham\_rectangle\_box\_progressbar:n {\paperwidth}
5218 }
```

(End of definition for \defbeamertemplate{progress-bar-in-head/foot}{gotham-rectangle}. This function is documented on page ??.)

progress-bar-in-left/right}{gotham-rectangle}

template displaying the progress bar in left or right.

The following test files are used for this code: gotham-test-046, gotham-test-046b, gotham-test-047, gotham-test-048.

```
5219 \defbeamertemplate{progress-bar~in~left}{gotham-rectangle}{
5220   \nointerlineskip
5221
5222   \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5223   \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5224
5225   \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
5226
5227   \vspace{0.12275\paperheight}
5228   \rotatebox{90}{
5229     \_gotham\_rectangle\_box\_progressbar:n {\gotham@temp@PaperheightFrametitle}
5230   }
5231 }
5232 \defbeamertemplate{progress-bar~in~right}{gotham-rectangle}{
5233   \nointerlineskip
5234
5235   \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5236   \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5237
5238   \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
5239
5240   \hspace{-\gothamProgressHeadFootLineheight}
5241   \vspace{\gotham@temp@heightFrametitle-27.75pt}
5242   \rotatebox{-90}{
5243     \_gotham\_rectangle\_box\_progressbar:n {\gotham@temp@PaperheightFrametitle}
5244   }
5245 }
```

(End of definition for \defbeamertemplate{progress-bar-in-left/right}{gotham-rectangle}. This function is documented on page ??.)

`_gotham_rouned_box_progressbar:nnnn`

#1: width Name of the option to add, this name should also correspond to the name of the environment followed by the suffix 'env'.

#2: ratio progressbar/extra command

#3: colorbox name

#4: extra command

Command to draw a rounded box progress bar that can go from left to right or the opposite and that can include a navigation miniframes bar. The fourth argument is a command to control what to display at the right side of the rounded box.

The following test files are used for this code: gotham-test-048.

```
5246 % #1: 'linewidth'
5247 % #2: ratio of the progress bar
5248 % #3: colorbox name
5249 % #4: command for percent of progress
5250 \cs_new_protected:Npn \_gotham_rouned_box_progressbar:nnnn #1#2#3#4
5251 {
5252   \setlength{\gotham@progressinheadfoot}{
5253     #2#1 * \ratio{\insertframenumber pt}{\inserttotalframenumber pt}
5254   }
5255
5256   % 1.035\gothamProgressHeadFootLineheight is to include the border inside the box.
5257   \begin{beamercolorbox}[wd=#1, ht=1.035\gothamProgressHeadFootLineheight]{#3}
5258     \; \hfill
5259     %\tikzexternaldisable%
5260     \begin{tikzpicture}[rounded~corners=0.5\gothamProgressHeadFootLineheight, very~thin]
5261       \usebeamercolor{progress~bar~in~head/foot}
5262
5263       % gray rectangle in the background.
5264       \shade[top~color=progress~bar~in~head/foot.bg!65, bottom~color=progress~bar~in~head/foot.
5265         (Opt, Opt) rectangle ++ (#2#1, \gothamProgressHeadFootLineheight)
5266       ;
5267
5268       \bool_if:NTF \l_gotham_progbar_advancement_tlbr_bool {
5269         % from left to right
5270         % orange rectangle progressing
5271         \shade[draw=progress~bar~in~head/foot.fg, top~color=progress~bar~in~head/foot.fg!70, bot
5272         (Opt, Opt) rectangle ++ (\gotham@progressinheadfoot, \gothamProgressHeadFootLineheight)
5273       ;
5274       }{
5275         % from right to left
5276         % orange rectangle progressing
5277         \shade[draw=progress~bar~in~head/foot.fg, top~color=progress~bar~in~head/foot.fg!70, bot
5278         (#2#1, \gothamProgressHeadFootLineheight) rectangle ++ (-\gotham@progressinheadfoot, -\
5279       ;
5280       }
5281
5282       \bool_if:NTF \l_gotham_pmfn_bool {
5283         % progress miniframes navigation is on.
5284         \node at (#2#1/2, \gothamProgressHeadFootLineheight/2)
5285           [text~height=0.1pt, text~depth=0.05pt, inner~sep=0pt] %draw=red,
5286           {
5287             \usebeamercolor{fg}{normal~text}
5288             % \fontsize{3.5pt}{0pt}\selectfont
5289             \raisebox{0.5\gothamProgressHeadFootLineheight+1.4pt}[0pt][0pt]{
5290               \hfuzz=#2#1
5291               124
5292             }
5293             %\dohead
5294             \insertnavigation{#2#1}
5295           }
5296       }{
5297         % false
5298         % nothing to do since progress miniframes navigation is off.
```

gress-bar-in-head/foot}{gotham-rounded-box}

template displaying the progress bar in head, frametitle or footline.

The following test files are used for this code: gotham-test-046, gotham-test-046b, gotham-test-047, gotham-test-048.

```
5306 \defbeamertemplate{progress-bar~in~head/foot}{gotham-rounded-box}{
5307 \nointerlineskip
5308 \__gotham_rounded_box_progressbar:nnnn {\paperwidth}{0.93}{footline}{
5309 \hfill
5310 \raisebox{0.5\gothamProgressHeadFootLineheight-1.75pt}[0pt][0pt]{
5311 \fontsize{5pt}{0pt}\selectfont
5312 \usebeamercolor[fg]{normal~text}
5313 \fp_eval:n {round(\insertframenumbers*100/\inserttotalframenumbers,0)}\,%
5314 }
5315 }
5316 % \__gotham_rounded_box_progressbar:nnnn {\paperwidth}{0.53}{progress-bar~in~head/foot}{}
5317 }
```

(End of definition for \defbeamertemplate{progress-bar~in~head/foot}{gotham-rounded-box}. This function is documented on page ??.)

ress-bar-in-left/right}{gotham-rounded-box}

template displaying the progress bar in left or right sidebar.

The following test files are used for this code: gotham-test-046, gotham-test-046b, gotham-test-047, gotham-test-048.

```
5318 \defbeamertemplate{progress-bar~in~left}{gotham-rounded-box}{
5319 \nointerlineskip
5320
5321 \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5322 \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5323
5324 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-
5325
5326 \vspace{0.12275\paperheight}
5327 % \hspace{\gothamProgressHeadFootLineheight}
5328 \rotatebox{90}{
5329 \__gotham_rounded_box_progressbar:nnnn {\gotham@temp@PaperheightFrametitle}{0.89}{footline
5330 \hfill
5331 \raisebox{0.5\gothamProgressHeadFootLineheight-1.75pt}[0pt][0pt]{
5332 \fontsize{5pt}{0pt}\selectfont
5333 \fp_eval:n {round(\insertframenumbers*100/\inserttotalframenumbers,0)}\,%
5334 }
5335 }
5336 }
5337 }
5338 \defbeamertemplate{progress-bar~in~right}{gotham-rounded-box}{
5339 \nointerlineskip
5340
5341 \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5342 \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5343
5344 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-
5345
5346 \hspace{-\gothamProgressHeadFootLineheight-0.2pt}
5347 \vspace{\gotham@temp@heightFrametitle-27.75pt}
5348 \rotatebox{-90}{
```

```

5349 \__gotham_rounded_box_progressbar:nnnn {\gotham@temp@PaperheightFrametitle}{0.89}{footline
5350 \hfill
5351 \raisebox{0.5\gothamProgressHeadFootLineheight-1.75pt}[0pt][0pt]{
5352 \fontsize{5pt}{0pt}\selectfont
5353 \fp_eval:n {round(\insertframenum*100/\inserttotalframenum,0)}\,\,%
5354 }
5355 }
5356 }
5357 }

```

(End of definition for \defbeamertemplate{progress-bar-in-left/right}{gotham-rounded-box}. This function is documented on page ??.)

```

\gothamProgressCircHeight Lengths used in tikz rectangle.
\gothamCounterCircleRadius 5358 %the height of the header is 1.8 times the lineheight of the frame title
\gothamProgressCircBorderWidth 5359 \newlength{\gothamProgressCircHeight}
5360 \setlength{\gothamProgressCircHeight}{1.8\baselineskip}
5361 %\setlength{\gothamProgressCircHeight}{2\baselineskip}
5362 \newlength{\gothamCounterCircleRadius}
5363 \setlength{\gothamCounterCircleRadius}{1.12ex}
5364 % width of the border
5365 \newlength{\gothamProgressCircBorderWidth}
5366 \setlength{\gothamProgressCircBorderWidth}{1.65mm}
5367
5368 %% Induced length used internally, but can still be tuned manually by inspired people.
5369 % radius of the logo
5370 \newlength{\gothamProgressCircLogoRadius}
5371 \setlength{\gothamProgressCircLogoRadius}{1.2\gothamProgressCircHeight/2}
5372 % inner radius of border of the logo frame
5373 \newlength{\gothamProgressCircLogoInnerRadius}
5374 \setlength{\gothamProgressCircLogoInnerRadius}{1.1\gothamProgressCircLogoRadius}
5375 % radius of the outer border of the logo frame
5376 \newlength{\gothamProgressCircLogoOuterRadius}
5377 \setlength{\gothamProgressCircLogoOuterRadius}{\gothamProgressCircLogoInnerRadius+\gothamPro
5378 % radius of the counters
5379 \newlength{\gothamCounterRadius}
5380 \setlength{\gothamCounterRadius}{\gothamProgressCircLogoInnerRadius/2+\gothamProgressCircLog

```

(End of definition for \gothamProgressCircHeight, \gothamCounterCircleRadius, and \gothamProgressCircBorderWidth. These variables are documented on page ??.)

```

\l_gotham_ratio_progresscircle_fp angle ratio of the progress in degree and angle of the counter circle intercepted by the
\l_gotham_angle_counterradius_fp half of the border.
5381 % \fp_new:N \l_gotham_ratio_progress_fp
5382 \fp_new:N \l_gotham_ratio_progresscircle_fp
5383 % the angle token by the counter radius
5384 \fp_new:N \l_gotham_angle_counterradius_fp
5385 % requires xfp for asind
5386 \fp_set:Nn \l_gotham_angle_counterradius_fp {
5387 \fp_eval{ 2* asind (\gothamCounterCircleRadius / (2*\gothamCounterRadius)) }
5388 }

```

(End of definition for \l_gotham_ratio_progresscircle_fp and \l_gotham_angle_counterradius_fp. These variables are documented on page ??.)

`\gothamInstituteLogoCircle[#1]`

`#1` : height of the picture

Command to be redefined by users.

The following test files are used for this code: gotham-test-046b.

```
5389 \providecommand{\gothamInstituteLogoCircle}[1][4ex]{  
5390   \includegraphics[height=#1]{gotham-logo.pdf}  
5391 }
```

`\gothamProgressCircle` Internal command plotting the circle progress and that is used internal in the instituteLogo template within the frametitle template.

The following test files are used for this code: `gotham-test-046b`.

```

5392 \providecommand{\gothamProgressCircle}{
5393 % \tikzexternaldisable
5394 \begin{tikzpicture}[remember~picture,overlay]
5395 % Load colors
5396 \usebeamercolor{standin}
5397 \usebeamercolor{frametitle}
5398 \usebeamercolor{progress~bar~in~head/foot}
5399
5400 % Define center
5401 \coordinate (localCenter);
5402 % draw the outer circle
5403 \fill[fill=progress~bar~in~head/foot.bg] (localCenter) circle (\gothamProgressCircLogoRadius);
5404 % draw the inner circle
5405 \fill[fill=frametitle.bg] (localCenter) circle (\gothamProgressCircLogoInnerRadius);
5406 \node at (localCenter) {\gothamInstituteLogoCircle[1.9\gothamProgressCircLogoRadius]};
5407
5408 %% draw progress circle/bar
5409 \bool_if:NTF \l_gotham_ProgCircleMoving_bool {
5410 % the circular counter with a moving counter
5411
5412 %% compute the angle for the progress circle
5413 \bool_if:NTF \l_gotham_progbar_advancement_tlbr_bool {
5414 \fp_set:Nn \l_gotham_ratio_progresscircle_fp {-(360)*\insertframenum/\inserttotalframes}
5415 }{
5416 %\else% clockwise rotation
5417 \fp_set:Nn \l_gotham_ratio_progresscircle_fp {(360)*(\insertframenum/\inserttotalframes)}
5418 }
5419 %\fi
5420
5421 % draw the arc progress bar
5422 \draw[
5423 color=progress~bar~in~head/foot.fg,
5424 line~width=0.6*\gothamProgressCircBorderWidth
5425 ]
5426 (localCenter)
5427 ++
5428 ([
5429 xshift=\gothamCounterRadius
5430 ]localCenter)
5431 arc[
5432 radius=\gothamCounterRadius,
5433 start~angle=0,
5434 end~angle={\fp_eval:n \l_gotham_ratio_progresscircle_fp}
5435 ]
5436 ;
5437
5438 % draw a point at the beginning of the progress circle
5439 \fill[fill=frametitle.bg]
5440 ([
5441 xshift={\gothamCounterRadius}
5442 ]localCenter.center)
5443 circle (0.3*\gothamProgressCircBorderWidth)
5444 ;
5445 % place the current frame number
5446 \node[
5447 % fill=standin.bg, draw=progress~bar~in~head/foot.bg, thick, circle, minimum~width={\gothamCounterRadius}
5448 ]
5449 (pagenumframe) at (
5450 [rotate=
5451 {\fp_eval:n {\l_gotham_ratio_progresscircle_fp}},

```


outer_key_□_□interface Controls the outer settings for progress bar.

The following test files are used for this code: gotham-test-048.

```
5548 % token list to remember what is the current state
5549 % \tl_new:N \l__gotham_out_tmp_pbar_tl
5550 \keys_define:nn { gotham / outer }{
5551 % progressbar~position default
5552 progressbar~position .choice:,
5553 progressbar~position .usage:n = { general },
5554 progressbar~position .default:n = { none },
5555
5556 progressbar~position / none .code:n = {
5557 % reset if it has modified by another progressbar~position strategy
5558 % \__gotham_set_prop_template:nn{sidebar~canvas~right/default}{#1}
5559 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {none}
5560
5561 % head
5562 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5563 % True: nothing to do it is already occupied.
5564 }{
5565 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headlin
5566 }
5567 % frametitle
5568 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5569 % % True: nothing to do it is already occupied.
5570 % }{
5571 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {frame
5572 % }
5573 % foot
5574 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5575 % True: nothing to do it is already occupied.
5576 }{
5577 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footlin
5578 }
5579 % left
5580 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5581 % True: nothing to do it is already occupied.
5582 }{
5583 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {sid
5584 }
5585 % right
5586 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5587 % True: nothing to do it is already occupied.
5588 }{
5589 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5590 }
5591
5592 % logo
5593 \__gotham_set_prop_template:nn{includeLogo/default}{gotham~square}
5594 % section in head
5595 \setbeamertemplate{section~in~head/foot~shaded}[default/\prop_item:Nn \l__gotham_template_
5596 \setbeamertemplate{section~in~head/foot}[default/\prop_item:Nn \l__gotham_template_name_pr
5597 },
5598 progressbar~position / head .code:n = {
5599 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
```

```

5600 % True: nothing to do it is already done.
5601 } {
5602 % False : remember that choice in order to do not apply it several time and add to beamer
5603 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {head}
5604
5605 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5606 % True: nothing to do it is already occupied.
5607 }{
5608 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5609 }
5610 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5611 % % True: nothing to do it is already occupied.
5612 % }{
5613 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5614 % }
5615 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5616 % True: nothing to do it is already occupied.
5617 }{
5618 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5619 }
5620 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5621 % True: nothing to do it is already occupied.
5622 }{
5623 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5624 }
5625 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5626 % True: nothing to do it is already occupied.
5627 }{
5628 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5629 }
5630
5631 %
5632 \addtobeamertemplate{headline}{}{
5633 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5634 \usebeamertemplate*{progress-bar-in-head/foot}
5635 }{}
5636 }
5637 }
5638 },
5639 progressbar~position / frametitle .code:n = {
5640 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5641 % True: nothing to do it is already done.
5642 } {
5643 % False : remember that choice in order to do not apply it several time and add to beamer
5644 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {frametitle}
5645
5646 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5647 % True: nothing to do it is already occupied.
5648 }{
5649 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5650 }
5651 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5652 % % True: nothing to do it is already occupied.
5653 % }{

```

```

5654 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5655 % }
5656 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5657 % True: nothing to do it is already occupied.
5658 }{
5659 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5660 }
5661 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5662 % True: nothing to do it is already occupied.
5663 }{
5664 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5665 }
5666 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5667 % True: nothing to do it is already occupied.
5668 }{
5669 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5670 }
5671
5672 %
5673 \addtobeamertemplate{frametitle}{}{
5674 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5675 \usebeamertemplate*{progress~bar~in~head/foot}
5676 }{}
5677 }
5678 }
5679 },
5680 progressbar~position / foot .code:n = {
5681 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5682 % True: nothing to do it is already done.
5683 } {
5684 % False : remember that choice in order to do not apply it several time and add to beamer
5685 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {footline}
5686
5687 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5688 % True: nothing to do it is already occupied.
5689 }{
5690 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5691 }
5692 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5693 % % True: nothing to do it is already occupied.
5694 % }{
5695 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5696 % }
5697 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5698 % True: nothing to do it is already occupied.
5699 }{
5700 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5701 }
5702 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5703 % True: nothing to do it is already occupied.
5704 }{
5705 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5706 }
5707 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {

```

```

5708     % True: nothing to do it is already occupied.
5709   }{
5710     \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5711   }
5712
5713   %
5714   \addtobeamertemplate{footline}{}{
5715     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5716       \usebeamertemplate*{progress~bar~in~head/foot}
5717     }{}
5718   }
5719 }
5720 },
5721 progressbar~position / circlehead .code:n = {
5722   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {circlehead} {
5723     % True: nothing to do it is already done.
5724   } {
5725     % False : remember that choice in order to do not apply it several time and add to beamer
5726     \tl_set:Nn \l__gotham_out_tmp_pbar_tl {circlehead}
5727
5728     %
5729     %%\prop_put:Nnn \l__gotham_template_name_SAVE_prop {includeLogo/default} {gotham~square}
5730     \__gotham_set_prop_template:nn{includeLogo/default}{gotham~circle}
5731     \__gotham_set_template:nn{section~in~head/foot~shaded}{default/gotham~secSubsec}
5732     \__gotham_set_template:nn{section~in~head/foot}{default/gotham~secSubsec}
5733     % \__gotham_set_template:nn{headline}{default/gotham~section}
5734     % \setbeamertemplate{headline}[default/gotham~section]
5735
5736     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5737       % True: it is already occupied, so let's emulate the gotham section
5738       \addtobeamertemplate{headline}{}{
5739         \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {circlehead} {
5740           \begin{beamercolorbox}[wd=1.0\paperwidth, ht=2.5ex, dp=1.4ex, left]{headfoot}
5741             \usebeamerfont{section~in~head/foot}\hspace*{3.5ex}
5742             \usebeamertemplate{section~in~head/foot}
5743           \end{beamercolorbox}
5744         }{}
5745       }
5746     }{
5747       % \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {head
5748       \__gotham_set_template:nn{headline}{default/gotham~section}
5749     }
5750     % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5751     % % True: nothing to do it is already occupied.
5752     % }{
5753     \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5754     % }
5755     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5756       % True: nothing to do it is already occupied.
5757     }{
5758       \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5759     }
5760     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5761       % True: nothing to do it is already occupied.

```

```

5762     }{
5763       \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5764     }
5765     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5766       % True: nothing to do it is already occupied.
5767     }{
5768       \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5769     }
5770   }
5771 },
5772 progressbar~position / left .code:n = {
5773   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5774     % True: nothing to do it is already done.
5775   } {
5776     % False : remember that choice in order to do not apply it several time and add to beamer
5777     \tl_set:Nn \l__gotham_out_tmp_pbar_tl {left}
5778
5779     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5780       % True: nothing to do it is already occupied.
5781     }{
5782       \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5783     }
5784     % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5785     % % True: nothing to do it is already occupied.
5786     % }{
5787       \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5788     % }
5789     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5790       % True: nothing to do it is already occupied.
5791     }{
5792       \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5793     }
5794     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5795       % True: nothing to do it is already occupied.
5796     }{
5797       \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5798     }
5799     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5800       % True: nothing to do it is already occupied.
5801     }{
5802       \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5803     }
5804
5805     %
5806     \addtobeamertemplate{sidebar~left}{}{
5807       \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5808         \usebeamertemplate*{progress~bar~in~left}
5809       }{}
5810     }
5811   }
5812 },
5813 progressbar~position / right .code:n = {
5814   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5815     % True: nothing to do it is already done.

```

```

5816 } {
5817 % False : remember that choice in order to do not apply it several time and add to beamer
5818 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {right}
5819
5820 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5821 % True: nothing to do it is already occupied.
5822 }{
5823 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5824 }
5825 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5826 % % True: nothing to do it is already occupied.
5827 % }{
5828 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5829 % }
5830 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5831 % True: nothing to do it is already occupied.
5832 }{
5833 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5834 }
5835 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5836 % True: nothing to do it is already occupied.
5837 }{
5838 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5839 }
5840 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5841 % True: nothing to do it is already occupied.
5842 }{
5843 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5844 }
5845
5846 %
5847 \addtobeamertemplate{sidebar~right}{}{
5848 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5849 \usebeamertemplate*{progress~bar~in~right}
5850 }{}
5851 }
5852 }
5853 },
5854
5855 progressbar~position / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~u
5856 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

outer_key_~interface Controls the outer settings for progress bar style.

The following test files are used for this code: gotham-test-049.

```

5857 % token list to remember what is the current state
5858 \keys_define:nn { gotham / outer }{
5859 % progressbar~style default
5860 progressbar~style .choice:,
5861 progressbar~style .usage:n = { general },
5862 progressbar~style .default:n = { rectangle },
5863
5864 progressbar~style / rectangle .code:n = {

```

```

5865 %
5866 % \defbeamertemplate*{progress-bar-in-head/foot}{gotham-rectangle}
5867 \_gotham_set_template:nn{progress-bar-in-head/foot}{gotham-rectangle}
5868 \_gotham_set_template:nn{progress-bar-in-left}{gotham-rectangle}
5869 \_gotham_set_template:nn{progress-bar-in-right}{gotham-rectangle}
5870 },
5871
5872 progressbar~style / rounded-box .code:n = {
5873 %
5874 \_gotham_set_template:nn{progress-bar-in-head/foot}{gotham-rounded-box}
5875 \_gotham_set_template:nn{progress-bar-in-left}{gotham-rounded-box}
5876 \_gotham_set_template:nn{progress-bar-in-right}{gotham-rounded-box}
5877 },
5878
5879 progressbar~style / moving-circle .code:n = {
5880 %
5881 \bool_set_true:N \l_gotham_ProgCircleMoving_bool
5882 },
5883
5884 progressbar~style / fixed-circle .code:n = {
5885 %
5886 \bool_set_false:N \l_gotham_ProgCircleMoving_bool
5887 },
5888
5889 progressbar~style / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~unknown } }
5890 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

outer_key_□interface Controls the outer settings for progress bar style.

The following test files are used for this code: gotham-test-049.

```

5891 % token list to remember what is the current state
5892 \keys_define:nn { gotham / outer }{
5893 % progressbar~advancement default
5894 progressbar~advancement .choice:,
5895 progressbar~advancement .usage:n = { general },
5896 progressbar~advancement .default:n = { tlbr },
5897
5898 progressbar~advancement / tlbr .code:n = {
5899 %
5900 \bool_set_true:N \l_gotham_progbar_advancement_tlbr_bool
5901 },
5902 progressbar~advancement / TLBR .code:n = {
5903 %
5904 \bool_set_true:N \l_gotham_progbar_advancement_tlbr_bool
5905 },
5906
5907 progressbar~advancement / brlt .code:n = {
5908 %
5909 \bool_set_false:N \l_gotham_progbar_advancement_tlbr_bool
5910 },
5911 progressbar~advancement / BRLT .code:n = {
5912 %
5913 \bool_set_false:N \l_gotham_progbar_advancement_tlbr_bool

```

```

5914 },
5915
5916 progressbar~advancement / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~i
5917 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

outer_key_□_□interface Controls the outer settings for progress bar style.

The following test files are used for this code: gotham-test-049.

```

5918 % token list to remember what is the current state
5919 \keys_define:nn { gotham / outer }{
5920 % progressbar~mf n default
5921 progressbar~mf n .choice:,
5922 progressbar~mf n .usage:n = { general },
5923 progressbar~mf n .default:n = { off },
5924
5925 progressbar~mf n / true .code:n = {
5926 \bool_set_true:N \l_gotham_pmf n_bool
5927
5928 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
5929 \__gotham_set_template:nn{section~in~head/foot}{default/empty}
5930 \renewcommand{\gothamPatchSectionbox}{
5931 % patch to set section box height to 0.
5932 \ht\beamer@sectionbox=0.ex
5933 \dp\beamer@sectionbox=0.ex
5934 }
5935 },
5936 progressbar~mf n / on .code:n = {
5937 \bool_set_true:N \l_gotham_pmf n_bool
5938
5939 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
5940 \__gotham_set_template:nn{section~in~head/foot}{default/empty}
5941 \renewcommand{\gothamPatchSectionbox}{
5942 % patch to set section box height to 0.
5943 \ht\beamer@sectionbox=0.ex
5944 \dp\beamer@sectionbox=0.ex
5945 }
5946 },
5947 progressbar~mf n / enable .code:n = {
5948 \bool_set_true:N \l_gotham_pmf n_bool
5949
5950 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
5951 \__gotham_set_template:nn{section~in~head/foot}{default/empty}
5952 \renewcommand{\gothamPatchSectionbox}{
5953 % patch to set section box height to 0.
5954 \ht\beamer@sectionbox=0.ex
5955 \dp\beamer@sectionbox=0.ex
5956 }
5957 },
5958
5959 progressbar~mf n / false .code:n = { \bool_set_false:N \l_gotham_pmf n_bool },
5960 progressbar~mf n / off .code:n = { \bool_set_false:N \l_gotham_pmf n_bool },
5961 progressbar~mf n / disable .code:n = { \bool_set_false:N \l_gotham_pmf n_bool },
5962

```



```

5963 progressbar~mfn / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is-unknown
5964 }

```

(End of definition for outer key - interface. This function is documented on page ??.)

Default_outter_keys Apply default key options.

The following test files are used for this code: gotham-test-048.

```

5965 % when no value is given, default is called.
5966 \keys_set:nn { gotham / outer } {
5967   sidebar~canvas~right~template, sidebar~canvas~left~template,
5968   edging~default,
5969   frametitle~template, framesubtitle~template, frametitle~continuation~template,
5970   numbering,
5971   rotateFooter~default,
5972   footer~template,
5973   mini~frames~shape, mini~frames~bundle,
5974   mini~frames~compress,
5975   mini~frames~nav~spreading,
5976   mini~frames~nav~sectioning,
5977   mini~frames~nav~position,
5978   progressbar~position, progressbar~style, progressbar~advancement, progressbar~mfn,
5979 }

```

(End of definition for Default outer keys. This function is documented on page ??.)

Process_outter_keys Process package options.

The following test files are used for this code: gotham-test-048.

```

5980 \ProcessKeyOptions[ gotham / outer ]
5981 % \mode<all>

```

(End of definition for Process outer keys. This function is documented on page ??.)

```

5982 %\endinput
5983 </outer>

5984 <*package>
5985 \RequirePackage{expl3}
5986 % \RequirePackage{ifxetex}
5987 % \RequirePackage{ifluatex}
5988 % \RequirePackage{etoolbox}
5989 % \RequirePackage{xcolor}
5990 % \RequirePackage{tikz}
5991 % \RequirePackage{calc} % I think I can remove it with a bit of work
5992 % \RequirePackage{xfp}

5993 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
5994 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% PACKAGE %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
5995 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
5996 %
5997 %

```

Most options are passed off to the component sub-packages.

```

5998
5999 %
6000 \usefonttheme{gotham}
6001 \usecolortheme{gotham}
6002 \useinnertheme{gotham}
6003 \useoutertheme{gotham}
6004 %
6005 %
6006 %
6007
6008 %%%% Setting keys %%%%
6009
6010 % set new counter for how many time the lookup is used
6011 \int_new:N \l_gotham_lookup_cnt
6012 \int_set:Nn \l_gotham_lookup_cnt {0}
6013
6014 \seq_const_from_clist:Nn \c__gotham_load_submodules_seq { font, color, inner, outer }
6015
6016 \cs_new_protected:Npn \__gotham_lookup_keymodules:nn #1#2
6017 {
6018   \int_incr:N \l_gotham_lookup_cnt
6019   % \int_show:n \l_gotham_lookup_cnt
6020
6021   % if lookup counter is lower than the number of submodules-1 [before it was +1, not complet
6022   \if_int_compare:w \l_gotham_lookup_cnt < 2
6023     %true : do nothing
6024   \else:
6025     % \int_show:n \l_gotham_lookup_cnt
6026     \seq_map_inline:Nn \c__gotham_load_submodules_seq
6027     {
6028       \keys_if_exist:nnT { gotham / ##1 } {#1}
6029       {
6030         % missing feature in l3keys, we have no better way to detect an omitted value, so we hav
6031         \tl_if_empty:nTF {#2}
6032         { \keys_set:nn { gotham / ##1 } { #1 } }
6033         { \keys_set:nn { gotham / ##1 } { #1 = {#2} } }
6034         \prg_break:
6035       }
6036     }
6037     \msg_error:nnn { gotham } { unknown-key } {#1}
6038     \prg_break_point:
6039   \fi:
6040 }
6041 \cs_generate_variant:Nn \__gotham_lookup_keymodules:nn { Vn }
6042 \msg_new:nnn { gotham } { unknown-key } { Unknown~ key~ #1~ encountered. }
6043
6044 % Property list for all groups.
6045 \prop_new:N \l__gotham_all_all_user_keys_prop
6046 \prop_const_from_keyval:Nn \c__gotham_all_pkg_keys_prop {
6047
6048 \keys_define:nn { gotham / all / all }
6049 {
6050   unknown .code:n =

```

```

6051 {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6052 }
6053
6054 % Set default keys/options from keyval
6055 % \__gotham_set_default_from_keyval: variant, keyval, group command
6056 \cs_new_protected:Npn \__gotham_set_default_from_keyval:nnn #1 #2 #3
6057 { %%
6058 % Check if keyvalues have been given.
6059 \tl_if_novalue:nTF {#2}
6060 { % no user keys given so _user_keys_prop is taking pkg prop
6061 \prop_set_eq:cc { l__gotham_#3_#1_user_keys_prop } { c__gotham_#3_pkg_keys_prop }
6062 }{ % user key given and put it in prop
6063 \prop_put_from_keyval:cn { l__gotham_#3_#1_user_keys_prop } {#2}
6064 }% end if
6065 %
6066 % xx
6067 \__gotham_set_default_auxi:cnn { l__gotham_#3_#1_user_keys_prop } {#1} {#3}
6068 %
6069 % xx
6070 \keys_set:nn { gotham/#3/#1 } { default }
6071 }
6072 %
6073 % prop-key-val, variant, group command
6074 \cs_new_protected:Npn \__gotham_set_default_auxi:Nnn #1 #2 #3
6075 {
6076 \__gotham_set_default_auxii:fnn { \prop_to_keyval:N #1 } {#2} {#3}
6077 }
6078 \cs_generate_variant:Nn \__gotham_set_default_auxi:Nnn { c }
6079 %
6080 % key-val, variant, group command
6081 \cs_new_protected:Npn \__gotham_set_default_auxii:nnn #1 #2 #3
6082 {
6083 \keys_define:nn { gotham/#3/#2 } { default .meta:n = {#1} }
6084 }
6085 \cs_generate_variant:Nn \__gotham_set_default_auxii:nnn { f }
6086 %
6087 %
6088 % (re)set keys/options by default for a group of commands.
6089 % \gothamset m:options:#1
6090 \DeclareDocumentCommand{\gothamset}{m}
6091 {
6092 \__gotham_set_default_from_keyval:nnn { all } {#1} { all }
6093 \keys_set:nn { gotham/all/all } { default }
6094 }
6095
6096 \def\gotham@plaintitleformat#1{#1}
6097 \providecommand{\mreducelistspacing}{\vspace{-\topsep}}
6098
6099 \ProcessOptionsBeamer
6100 \keys_define:nn { gotham / font }
6101 {
6102 unknown .code:n =
6103 {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6104 }

```

```

6105 \keys_define:nn { gotham / color }
6106 {
6107   unknown .code:n =
6108   {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6109 }
6110 \keys_define:nn { gotham / inner }
6111 {
6112   unknown .code:n =
6113   {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6114 }
6115 \keys_define:nn { gotham / outer }
6116 {
6117   unknown .code:n =
6118   {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6119 }
6120
6121 \ProcessKeyOptions[ gotham / font ]
6122 \ProcessKeyOptions[ gotham / color ]
6123 \ProcessKeyOptions[ gotham / inner ]
6124 \ProcessKeyOptions[ gotham / outer ]
6125
6126 %

```

`\gothamreset`

#1 : height of the picture

Command to be redefined by users.

The following test files are used for this code: gotham-test-046b.

```
6127 \DeclareDocumentCommand{\gothamreset}{m}{
6128 % commands
6129 \renewcommand{\gothamInstituteLogoSquare}[1][4ex]{ }
6130 \renewcommand{\gothamInstituteLogoCircle}[1][4ex]{ }
6131 \renewcommand{\gothamHookPostColorBGSet}{
6132 \colorlet{colorStandout}{colorA}
6133 \colorlet{colorFrametitle}{colorA}
6134 \colorlet{colorProgBar}{colorC}
6135 \setbeamercolor{frametitle}{
6136 use=primary~palette,
6137 parent=primary~palette,
6138 bg=colorFrametitle,
6139 fg=colorBG
6140 }
6141 \setbeamercolor{standout}{bg=colorStandout, fg=colorPale}
6142 }
6143 \renewcommand{\gothamtitlepagelogo}{}
6144 \renewcommand{\gothamtitlepagebg}{}
6145 \renewcommand{\gothamRightFiligrane}{}
6146 \renewcommand{\gothamLeftFiligrane}{}
6147 \renewcommand{\gothamHookFooter}{}
6148
6149 % lengths
6150 \setlength{\gothamProgressSectionHeight}{3pt}
6151 \setlength{\sectionhoffset}{0pt}
6152 \setlength{\sidebarRightHOffset}{-2.5ex}
6153 \setlength{\sidebarLeftHOffset}{+0.5ex}
6154 \setlength{\gothamFrametitleToppading}{2.2ex}
6155 \setlength{\gothamFrametitleBottompadding}{2.2ex}
6156 \setlength{\gothamFrametitleLeftpadding}{2.2ex}
6157 \setlength{\gothamFrametitleRightpadding}{2.2ex}
6158 \setlength{\gothamFramesubtitleStrutend}{0pt}
6159 \setlength{\gothamFootlineVOffset}{-0.5ex}
6160 \setlength{\gothamFootlineDepth}{0.1ex}
6161 \setlength{\gothamFootlineHeight}{1.5ex}
6162 \setlength{\gothamFootlineHRightOffset}{\spaceskip}
6163 \setlength{\gothamHposLeftRotFooter}{-7pt}
6164 \setlength{\gothamHposRightRotFooter}{2pt}
6165 \setlength{\gothamVposLeftRotFooter}{15pt}
6166 \setlength{\gothamVposRightRotFooter}{15pt}
6167 \setlength{\gothamLeftFooterPadding}{2.0ex}
6168 \setlength{\gothamRightFooterPadding}{3.5ex}
6169 \setlength{\gothamFooterHOffset}{0pt}
6170 \setlength{\gothamFootlineRuleLeftPadding}{7mm}
6171 \setlength{\gothamFootlineRuleHeight}{0.0pt}
6172 \setlength{\gothamFootlineRuleLength}{15mm}
6173 \setlength{\gothamProgressCircHeight}{1.8\baselineskip}
6174 \setlength{\gothamCounterCircleRadius}{1.12ex}
6175 \setlength{\gothamProgressCircBorderWidth}{1.65mm}
6176 \setlength{\gothamCircleNumberingVshift}{1.4mm}
6177 \setlength{\gothamCircleNumberingHshift}{2.6mm}
6178 \setlength{\gothamProgressHeadFootLineheight}{1.2ex}
6179
6180 % options to default
6181 \keys_set:nn { gotham/all/all } { default }
6182 }
```

```
6183 %\endinput
6184 \</package>
```