

1 Commands description for users

```
1 < *font>
2 \ProvidesExplPackage{beamerfontthemegotham}{2026-04-02}{1.2.5.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| m
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 supp
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 ??.)

`__gotham_title_format:n` Pre-hooks that will be inserted to control case format of titles in addition with the fonts
`titles_ formats` 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}

```

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

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 {\@tempwattrue}
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@sectio
235 % \exp_not:N \__gotham_section_title_format:n {#1}
236 {\@tempwattrue}
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 {\@tempwattrue}
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 {\@tempwattrue}
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 {\@tempswatru}}
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
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@subsectiontitleformat\@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@subsectiontitleformat \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@subsectiontitleformat \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@subsectiontitleformat\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 subsection
703 format~subsection .choice:,
704 format~subsection .usage:n = { general },
705 format~subsection .default:n = { regular },
706 format~subsection / regular .code:n =
707 {
708 \let\gotham@subsectiontitleformat\@empty
709 % \cs_set_eq:NN \__gotham_subsubsection_title_format:n \__gotham_unchanged:n
710 },
711 format~subsection / lower .code:n =
712 {
713 \let\gotham@subsectiontitleformat \text_lowercase:n %\lowercase
714 % \cs_set_eq:NN \__gotham_subsubsection_title_format:n \text_lowercase:n
715 \PackageWarning{ gotham } { Be~aware~that~format~subsection=lower~can~lead~to~problems.
716 },
717 format~subsection / upper .code:n =
718 {
719 \let\gotham@subsectiontitleformat \text_uppercase:n %\uppercase
720 % \cs_set_eq:NN \__gotham_subsubsection_title_format:n \text_uppercase:n
721 \PackageWarning{ gotham } { Be~aware~that~format~subsection=upper~can~lead~to~problems.
722 },
723 format~subsection / titlecase .code:n =
724 {
725 \let\gotham@subsectiontitleformat\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~subsection=titlecase~can~lead~to~probl
728 },
729 format~subsection / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'\l_keys_
730 }
731 \keys_define:nn { gotham / font }
732 {
733 % shape subsection
734 shape~subsection .choice:,
735 shape~subsection .usage:n = { general },
736 shape~subsection .default:n = { regular },
737 shape~subsection / regular .code:n =
738 {
739 \setbeamerfont{subsection~title}{shape=\normalfont}
740 },
741 shape~subsection / smallcaps .code:n =
742 {
743 \setbeamerfont{subsection~title}{shape=\scshape}
744 },
745 shape~subsection / italic .code:n =
746 {
747 \setbeamerfont{subsection~title}{shape=\itshape}
748 },
749 shape~subsection / 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}{2026-04-02}{1.2.5.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]{gDeepYellOr}{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}{gLightTeal} % frametitle, standin.in,
788 \colorlet{colorB}{gMidGrey} % gray BG : progress bar, blocks
789 \colorlet{colorC}{gDeepYellOr} % progress bar
790 \colorlet{colorD}{gLightOrange} % alert
791 \colorlet{colorE}{gLightGreen} % 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_assignation_prop`: Define a map of color names used internally to the color set elements.

```

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

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_anthracite:{
843   \colorlet{colorPale}{gPaleYell} % BG in light/normal mode
844   \colorlet{colorDark}{gDarkBlack} % FG in light/normal mode
845   \colorlet{colorA}{gAnthracite} % 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}{gLightTeal} % frametitle, stdin.in,
858 \colorlet{colorB}{gMidGrey} % gray BG : progress bar, blocks
859 \colorlet{colorC}{gDeepYellOr} % progress bar
860 \colorlet{colorD}{gLightOrange} % alert
861 \colorlet{colorE}{gLightGreen} % 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}{2026-04-02}{1.2.5.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...);
- environment elements:
 - `itemize`, `enumerate`, and `description` environments;
 - block environments including `theorems` and `proofs`;

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

Titlepage

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 Compitibility 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, noframenubering]{\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 1249 \dim_new:N \l__gotham_titleseparator_width_dim
\l__gotham_title_width_dim 1250 \dim_set:Nn \l__gotham_titleseparator_width_dim {\textwidth}
\l__gotham_subtitle_width_dim 1251 \dim_new:N \l__gotham_titleseparator_height_dim
\l__gotham_title_max_width_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@line
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][Opt][c]{Opt}{\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 fcolorobx
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 inverts 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 fcolorobx
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 ??.)

`\beamertemplate{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_subtit
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<\gothamDividedPicTextW
1411

```

```

1412 \expandafter\ifblank\expandafter{\beamer@andstripped}{
1413 % empty author
1414 \vspace*{2.em}
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 % {\vfuuz=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. 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.

```

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.)

`\defbeamertemplate{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 % \ifbeamercolorempy[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 ??.)

`\defbeamertemplate{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}[noBCG] Add a frame option noBCG 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{noBGEnv}{
1624   \setbeamertemplate{background~canvas}[empty]
1625 }{}
1626 \_gotham_add_beamerframe_key:n {noBCG}
```

(End of definition for \begin{frame}[noBCG]. 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 1649 \seq_if_exist:NTF \l__gotham_tmpa_seq
\l__gotham_tmpb_tl 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_tmpb_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_tmpb_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_tmpb_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{beamerthemegothon}
1682 {The-beamer-template-named~'\l__gotham_tmpa_tl'-with-the-option~'\l__gotham_tmpb_tl/#2'}{
1683 {helping-message}
1684 }
1685 }{% false -> error
1686 \PackageError{beamerthemegothon}
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 ??.)

`\beamertemplate{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 \ifbeamercolorempy[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_subsectionframe
1893 \begingroup
1894 \usebeamertemplate{subsection~frame}
1895 }
1896 \apptocmd{\beamer@reseteecodes}{
1897 \bool_if:NTF \l_gotham_subsectionframe {
1898 \endgroup
1899 \bool_set_false:N \l_gotham_subsectionframe
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_subsubsectionframe
1910 \bool_set_false:N \l_gotham_subsubsectionframe
1911 \define@key{beamerframe}{subsubsec}[true]{
1912 \bool_set_true:N \l_gotham_subsubsectionframe
1913 \begingroup
1914 \usebeamertemplate{subsubsection~frame}
1915 }
1916 \apptocmd{\beamer@reseteecodes}{
1917 \bool_if:NTF \l_gotham_subsubsectionframe {
1918 \endgroup
1919 \bool_set_false:N \l_gotham_subsubsectionframe
1920 }}
1921 }{}{}
1922 % \define@key{beamerframe}{subsubsec}[true]{
1923 % \thispagestyle{navigation@subsubsec}
1924 % }
1925 % \def\ps@navigation@subsubsec{
1926 % \usebeamertemplate{subsubsection~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 \usebeamerfont{fg}{part~title}
1946 \usebeamerfont{part~title}
1947 \partname \ \insertromanpartnumber
1948 \[1.75ex]
1949 \insertpart
1950 }
1951 \defbeamertemplate*{section~title}{gotham}{
1952 \usebeamerfont{fg}{section~title}
1953 \usebeamerfont{section~title}
1954 \insertsectionnumber.~
1955 \insertsectionhead
1956 }
1957 \defbeamertemplate*{subsection~title}{gotham}{
1958 \usebeamerfont{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

```

\subsectionpageOptions 1972 \providecommand{\partpageOptions}{noframenumbering}
\subsubsectionpageOptions 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

```

\subsectionpageTocOptions 1976 \providecommand{\partpageTocOptions}{noframenumbering}
\subsubsectionpageTocOptions 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
\sectionTocOptions

```

\subsectionTocOptions 1980 \providecommand{\partTocOptions}{
\subsubsectionTocOptions 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/tableofcontents  
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}{\frametitle{\partContentName}}  
2049           {  
2050             \expandafter\tableofcontents\expandafter[\partTocOptions]  
2051           }  
2052         }  
2053       }  
2054     }  
2055   }  
2056 }
```

```
\_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}{\frametitle{\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}{\frametitle{\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]{\subsubsectionpage}
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, tocsubsubsec]
2205   %   }
2206   %   \ifdefempty{\subsubsecContentName}{\frame{title{\subsubsecContentName}}}{
2207   %     {
2208   %       \expandafter\tableofcontents\expandafter[\subsubsectionpageTocOptions]
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.
`\template{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\inserttotalframenummer{100}
2226 \defbeamertemplate{progress-bar~in~section~page}{display}{
2227 \setlength{\gotham@progressonsectionpage}{
2228 \textwidth * \ratio{\insertframenummer~pt}{\inserttotalframenummer~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 ??.)

`\template{part|section|subsection|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 \ifbeamercolorempy[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 ??.)

`\setbeamertemplate{progress~bar~in~splitvert}{empty|display}` 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{\insertframenumbers pt}{\inserttotalframenumbers 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|display}`. This function is documented on page ??.)

`\setbeamertemplate{part|section|subsection|subsubsection~page}{gotham~splitvert~progressbar/simple}`
`\setbeamertemplate{part|section~frame}{gotham~splitvert~progressbar}`
`\setbeamertemplate{subsubsection~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*{\sectionoffset}

```

```

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*{\sectionoffset}
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{\sectionoffset}{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{\sectionoffset}{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*{\sectionoffset}
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_progressvert}`
`n|subsubsection_frame}{gotham_progressvert}`

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~progressvert}{
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{\insertframenumber pt}{\inserttotalframenumber pt}
2646 }
2647 {
2648 \usebeamercolor{frametitle}\colorlet{gotham@@tempColor}{bg}
2649 \colorlet{gotham@@tempColorB}{fg}
2650 \begin{tikzpicture}[overlay, remember=picture]
2651 \fill[color=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[color=gotham@@tempColorB, align=left, text-width=0.8\textwidth] at ([shift={(\section
2658 {
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[color=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[color=gotham@@tempColor, align=left, text~width=0.8\textwidth] at ([shift={(\section
2679 {
2680 \usebeamerfont{part~title}
2681 \partname \ \insertromanpartnumber
2682 \\\
2683 \insertpart
2684 }
2685 }];
2686 \end{tikzpicture}
2687 }
2688 }
2689 \defbeamertemplate{part~frame}{gotham~progressvert}{
2690 \setbeamertemplate{background~canvas}[part/gotham]
2691 % \setbeamercolor{frametitle}{}
2692 \setlength{\sectionhoffset}{1cm}
2693 % \setbeamercolor{section~title}{use=frametitle, fg=frametitle.bg}
2694 % \setbeamercolor{subsection~title}{use=frametitle, fg=frametitle.bg}
2695 % \setbeamercolor{part~title}{use=frametitle, fg=frametitle.bg}
2696 % \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{\insertframenumbers pt}{\inserttotalframenumbers pt}
2711 }
2712 {
2713 \usebeamercolor{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={(\secti
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~title)}]
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}{}
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{\insertframenumbers pt}{\inserttotalframenumbers 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~title)}]
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
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*, *gotham-test-1046*.

```

3048 \defbeamertemplate{part-in-toc}{gotham-bullet}{
3049   \leavevmode
3050   {\inserttocpartnumber}.~\inserttocpart
3051   % \\
3052   \par \vspace{-0.2cm}

```

```

3053 }
3054 \defbeamertemplate{section-in-toc}{gotham-bullet}{
3055   \hspace*{0.4cm}\tikz[baseline=-0.5ex]\node[section-number]{\textbf{\inserttocsectionnumber}}
3056   \ \tikz[baseline=-0.5ex]\node[section]{\usebeamerfont*{toc~title}\inserttocsection};\ \[-0.3
3057   \hspace*{1.13cm}{\usebeamercolor*{fg}{footer} \rule{0.69\linewidth}{0.2pt}}{\par\vskip-0.35\
3058 }
3059 \defbeamertemplate{subsection-in-toc}{gotham-bullet}{
3060   \leavevmode
3061   \hspace*{0.53cm}\tikz[baseline=-0.5ex]\node[subsection-number]{};
3062   \hspace*{0.5cm}\tikz[baseline=-0.5ex]\node[subsection]{\usebeamerfont*{toc~subtitle}\insert
3063   % \ \[-0.2cm]
3064   \par \vspace{-0.38cm}
3065 }
3066 \defbeamertemplate{subsubsection-in-toc}{gotham-bullet}{
3067   \leavevmode
3068   \hspace*{0.58cm}\tikz[baseline=-0.5ex]\node[subsubsection-number]{};
3069   \hspace*{0.69cm}\tikz[baseline=-0.5ex]\node[subsubsection]{\usebeamerfont*{toc~subtitle}\in
3070   % \ \[-0.2cm]
3071   \par \vspace{-0.38cm}
3072 }
3073 % Shaded for sections already done in the presentation.
3074 \defbeamertemplate{section-in-toc-shaded}{gotham-bullet}{
3075   \hspace*{0.4cm}\tikz[baseline=-0.5ex]\node[section-number, fill=colorBackElement!40]{\usebe
3076   \ \tikz[baseline=-0.5ex]\node[section, text=colorBackElement!20]{\usebeamerfont*{toc~title}}
3077   \hspace*{1.13cm}{\usebeamercolor*{fg}{footer} \rule{0.69\linewidth}{0.2pt}}{\par\vskip-0.35\
3078 }
3079 \defbeamertemplate{subsection-in-toc-shaded}{gotham-bullet}{
3080   \leavevmode
3081   \hspace*{0.53cm}\tikz[baseline=-0.5ex]\node[subsection-number, fill=colorBackElement!20]{};
3082   \hspace*{0.5cm}\tikz[baseline=-0.5ex]\node[subsection, text=colorBackElement!20]{\usebeame
3083   % \ \[-0.2cm]
3084   \par \vspace{-0.38cm}
3085 }
3086 \defbeamertemplate{subsubsection-in-toc-shaded}{gotham-bullet}{
3087   \leavevmode
3088   \hspace*{0.58cm}\tikz[baseline=-0.5ex]\node[subsubsection-number, fill=colorBackElement!20]{};
3089   \hspace*{0.69cm}\tikz[baseline=-0.5ex]\node[subsubsection, text=colorBackElement!20]{\usebea
3090   % \ \[-0.2cm]
3091   \par \vspace{-0.38cm}
3092 }

```

(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`.

```

3093 \defbeamertemplate{part-in-toc}{gotham-simple}{
3094   \leavevmode
3095   {\inserttocpartnumber}.\~\inserttocpart
3096   % \ \
3097   \par \vspace{-0.2cm}
3098 }
3099 \defbeamertemplate{section-in-toc}{gotham-simple}{

```



```

3100  {{\inserttocsectionnumber}.}~\inserttocsection
3101  % \
3102  \par \vspace{-0.2cm}
3103  }
3104  \defbeamertemplate{subsection-in-toc}{gotham-simple}{
3105  \leavevmode
3106  \quad{{\inserttocsectionnumber}.\inserttocsubsectionnumber.}~\inserttocsubsection
3107  % \
3108  \par \vspace{-0.2cm}
3109  }
3110  \defbeamertemplate{subsubsection-in-toc}{gotham-simple}{
3111  \leavevmode
3112  \quad{{\inserttocsectionnumber}.\inserttocsubsectionnumber.\inserttocsubsubsectionnumber.}
3113  % \
3114  \par \vspace{-0.2cm}
3115  }
3116  \defbeamertemplate{section-in-toc-shaded}{gotham-simple}{
3117  \leavevmode
3118  \begin{colormixin}{20!parent.bg}
3119  {{\inserttocsectionnumber}.}~\inserttocsection
3120  \end{colormixin}
3121  % \
3122  \par \vspace{-0.2cm}
3123  }
3124  \defbeamertemplate{subsection-in-toc-shaded}{gotham-simple}{
3125  \leavevmode
3126  \begin{colormixin}{20!parent.bg}
3127  \quad{{\inserttocsectionnumber}.\inserttocsubsectionnumber.}~\inserttocsubsection
3128  \end{colormixin}
3129  % \
3130  \par \vspace{-0.2cm}
3131  }
3132  \defbeamertemplate{subsubsection-in-toc-shaded}{gotham-simple}{
3133  \leavevmode
3134  \begin{colormixin}{20!parent.bg}
3135  \quad{{\inserttocsectionnumber}.\inserttocsubsectionnumber.\inserttocsubsubsectionnumber.}
3136  \end{colormixin}
3137  % \
3138  \par \vspace{-0.2cm}
3139  }

```

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

`\plate{background-canvas}{toc/gotham-simple}`
`\mertemplate{toc-page}{gotham-simple|bullet}` 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*.

```

3140  \defbeamertemplate{background-canvas}{toc/gotham-simple}{
3141  \ifbeamercolorempy[bg]{standin}{}{
3142  \color{bg}\vrule width\paperwidth height\paperheight
3143  }
3144  }
3145  \defbeamertemplate{toc-page}{gotham-simple}{
3146  \setbeamertemplate{part-in-toc}[gotham-simple]

```

```

3147 \setbeamertemplate{section-in-toc}[gotham-simple]
3148 \setbeamertemplate{section-in-toc-shaded}[gotham-simple]
3149 \setbeamertemplate{subsection-in-toc}[gotham-simple]
3150 \setbeamertemplate{subsection-in-toc-shaded}[gotham-simple]
3151 \setbeamertemplate{subsubsection-in-toc}[gotham-simple]
3152 \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-simple]
3153 \setbeamertemplate{background-canvas}[toc/gotham-simple]
3154 }
3155 \defbeamertemplate{toc-page}{gotham-bullet}{
3156 \setbeamertemplate{part-in-toc}[gotham-bullet]
3157 \setbeamertemplate{section-in-toc}[gotham-bullet]
3158 \setbeamertemplate{section-in-toc-shaded}[gotham-bullet]
3159 \setbeamertemplate{subsection-in-toc}[gotham-bullet]
3160 \setbeamertemplate{subsection-in-toc-shaded}[gotham-bullet]
3161 \setbeamertemplate{subsubsection-in-toc}[gotham-bullet]
3162 \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-bullet]
3163 \setbeamertemplate{background-canvas}[toc/gotham-simple]
3164 }

```

(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`.

```

3165 \newenvironment{tocenv}{
3166 \usebeamertemplate{toc-page}
3167 }{}
3168 \_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`.

```

3169 \defbeamertemplate{background-canvas}{toc-part-gotham}{
3170 \ifbeamercolorempty[bg]{normal-text}{}{\color{bg}\vrule width\paperwidth height\paperheight}
3171 }
3172 \defbeamertemplate{background-canvas}{toc-section-gotham}{
3173 \ifbeamercolorempty[bg]{normal-text}{}{\color{bg}\vrule width\paperwidth height\paperheight}
3174 }
3175 \defbeamertemplate{background-canvas}{toc-subsection-gotham}{
3176 \ifbeamercolorempty[bg]{normal-text}{}{\color{bg}\vrule width\paperwidth height\paperheight}
3177 }

```

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

`amertemplate{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`.

```

3178 \defbeamertemplate{toc-part-frame}{gotham-simple}{
3179 \setbeamertemplate{part-in-toc}[gotham-simple]
3180 \setbeamertemplate{section-in-toc}[gotham-simple]
3181 \setbeamertemplate{section-in-toc-shaded}[gotham-simple]

```

```

3182 \setbeamertemplate{subsection-in-toc}[gotham-simple]
3183 \setbeamertemplate{subsection-in-toc-shaded}[gotham-simple]
3184 \setbeamertemplate{subsubsection-in-toc}[gotham-simple]
3185 \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-simple]
3186 \setbeamertemplate{background-canvas}[toc-part-gotham]
3187 \setbeamertemplate{frametitle}[toc-gotham]
3188 % \usebeamertemplate*{part-page}% already included
3189 }
3190 \defbeamertemplate{toc-section-frame}{gotham-simple}{
3191 \setbeamertemplate{part-in-toc}[gotham-simple]
3192 \setbeamertemplate{section-in-toc}[gotham-simple]
3193 \setbeamertemplate{section-in-toc-shaded}[gotham-simple]
3194 \setbeamertemplate{subsection-in-toc}[gotham-simple]
3195 \setbeamertemplate{subsection-in-toc-shaded}[gotham-simple]
3196 \setbeamertemplate{subsubsection-in-toc}[gotham-simple]
3197 \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-simple]
3198 \setbeamertemplate{background-canvas}[toc-section-gotham]
3199 \setbeamertemplate{frametitle}[toc-gotham]%
3200 % \usebeamertemplate*{section-page}% already included
3201 }
3202 \defbeamertemplate{toc-subsection-frame}{gotham-simple}{
3203 \setbeamertemplate{part-in-toc}[gotham-simple]
3204 \setbeamertemplate{section-in-toc}[gotham-simple]
3205 \setbeamertemplate{section-in-toc-shaded}[gotham-simple]
3206 \setbeamertemplate{subsection-in-toc}[gotham-simple]
3207 \setbeamertemplate{subsection-in-toc-shaded}[gotham-simple]
3208 \setbeamertemplate{subsubsection-in-toc}[gotham-simple]
3209 \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-simple]
3210 \setbeamertemplate{background-canvas}[toc-subsection-gotham]
3211 \setbeamertemplate{frametitle}[toc-gotham]
3212 % \usebeamertemplate*{subsection-page}% already included
3213 }

```

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

`\setbeamertemplate{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.

```

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

```

```

3230 \setbeamertemplate{subsection-in-toc}[gotham-bullet]
3231 \setbeamertemplate{subsection-in-toc-shaded}[gotham-bullet]
3232 \setbeamertemplate{subsubsection-in-toc}[gotham-bullet]
3233 \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-bullet]
3234 \setbeamertemplate{background-canvas}[toc-section-gotham]
3235 \setbeamertemplate{frametitle}[toc-gotham]%
3236 % \usebeamertemplate*{section-page}% already included
3237 }
3238 \defbeamertemplate{toc-subsection-frame}{gotham-bullet}{
3239 \setbeamertemplate{part-in-toc}[gotham-bullet]
3240 \setbeamertemplate{section-in-toc}[gotham-bullet]
3241 \setbeamertemplate{section-in-toc-shaded}[gotham-bullet]
3242 \setbeamertemplate{subsection-in-toc}[gotham-bullet]
3243 \setbeamertemplate{subsection-in-toc-shaded}[gotham-bullet]
3244 \setbeamertemplate{subsubsection-in-toc}[gotham-bullet]
3245 \setbeamertemplate{subsubsection-in-toc-shaded}[gotham-bullet]
3246 \setbeamertemplate{background-canvas}[toc-subsection-gotham]
3247 \setbeamertemplate{frametitle}[toc-gotham]
3248 % \usebeamertemplate*{subsection-page}% already included
3249 }

```

(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`.

```

3250 \bool_new:N \l_gotham_tocpartframe
3251 \bool_set_false:N \l_gotham_tocpartframe
3252 \define@key{beamerframe}{tocpart}[true]{
3253 \bool_set_true:N \l_gotham_tocpartframe
3254 \begingroup
3255 \usebeamertemplate{toc-part-frame}
3256 }
3257 \apptocmd{\beamer@reseteecodes}{
3258 \bool_if:NTF \l_gotham_tocpartframe {
3259 \endgroup
3260 \bool_set_false:N \l_gotham_tocpartframe
3261 }}{}
3262 }{}{}
3263 % \define@key{beamerframe}{tocpart}[true]{
3264 % \thispagestyle{navigation@tocpart}
3265 % }
3266 % \def\ps@navigation@tocpart{
3267 % \usebeamertemplate{toc-part-frame}
3268 % \@nameuse{ps@navigation}
3269 % }

```

(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*.

```

3270 \bool_new:N \l_gotham_tocsectionframe
3271 \bool_set_false:N \l_gotham_tocsectionframe
3272 \define@key{beamerframe}{tocsec}[true]{
3273 \bool_set_true:N \l_gotham_tocsectionframe
3274 \begingroup
3275 \usebeamertemplate{toc-section-frame}
3276 }
3277 \apptocmd{\beamer@reseteecodes}{
3278 \bool_if:NTF \l_gotham_tocsectionframe {
3279 \endgroup
3280 \bool_set_false:N \l_gotham_tocsectionframe
3281 }{}}
3282 }{}{}
3283 % \define@key{beamerframe}{tocsec}[true]{
3284 % \thispagestyle{navigation@tocsec}
3285 % }
3286 % \def\ps@navigation@tocsec{
3287 % \usebeamertemplate{toc-section-frame}
3288 % \@nameuse{ps@navigation}
3289 % }

```

(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*.

```

3290 \bool_new:N \l_gotham_tocsubsubsectionframe
3291 \bool_set_false:N \l_gotham_tocsubsubsectionframe
3292 \define@key{beamerframe}{tocsubsec}[true]{
3293 \bool_set_true:N \l_gotham_tocsubsubsectionframe
3294 \begingroup
3295 \usebeamertemplate{toc-subsection-frame}
3296 }
3297 \apptocmd{\beamer@reseteecodes}{
3298 \bool_if:NTF \l_gotham_tocsubsubsectionframe {
3299 \endgroup
3300 \bool_set_false:N \l_gotham_tocsubsubsectionframe
3301 }{}}
3302 }{}{}
3303 % \define@key{beamerframe}{tocsubsec}[true]{
3304 % \thispagestyle{navigation@tocsubsec}
3305 % }
3306 % \def\ps@navigation@tocsubsec{
3307 % \usebeamertemplate{toc-subsection-frame}
3308 % \@nameuse{ps@navigation}
3309 % }

```

(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*.

```

3310 \bool_new:N \l_gotham_tocsubsubsectionframe
3311 \bool_set_false:N \l_gotham_tocsubsubsectionframe
3312 \define@key{beamerframe}{tocsubsubsec}[true]{
3313 \bool_set_true:N \l_gotham_tocsubsubsectionframe
3314 \begingroup
3315 \usebeamertemplate{toc-subsubsection-frame}
3316 }
3317 \apptocmd{\beamer@reseteecodes}{
3318 \bool_if:NTF \l_gotham_tocsubsubsectionframe {
3319 \endgroup
3320 \bool_set_false:N \l_gotham_tocsubsubsectionframe
3321 }{}}
3322 }{}{}
3323 % \define@key{beamerframe}{tocsubsubsec}[true]{
3324 % \thispagestyle{navigation@tocsubsubsec}
3325 % }
3326 % \def\ps@navigation@tocsubsubsec{
3327 % \usebeamertemplate{toc-subsubsection-frame}
3328 % \@nameuse{ps@navigation}
3329 % }

```

(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*.

```

3330 \keys_define:nn { gotham / inner }
3331 {
3332 % TOC style
3333 tocfraction-template .usage:n = { general },
3334 tocfraction-template .default:n = { gotham-bullet },
3335 tocfraction-template .code:n = { \__gotham_set_template:nn{toc-page}{#1} }
3336 }
3337
3338 \keys_define:nn { gotham / inner }{
3339 % parttocframe template
3340 parttocframe-template .usage:n = { general },
3341 parttocframe-template .default:n = { gotham-simple },
3342 parttocframe-template .code:n = { \__gotham_set_template:nn{toc-part-frame}{#1} }
3343 }
3344 \keys_define:nn { gotham / inner }
3345 {
3346 % parttocframe default
3347 parttocframe-default .choice:,
3348 parttocframe-default .usage:n = { general },
3349 parttocframe-default .default:n = { true },
3350
3351 parttocframe-default / true .code:n = { \booltrue{partContent} },
3352 parttocframe-default / on .code:n = { \booltrue{partContent} },
3353 parttocframe-default / enable .code:n = { \booltrue{partContent} },
3354
3355 parttocframe-default / false .code:n = { \boolfalse{partContent} },
3356 parttocframe-default / off .code:n = { \boolfalse{partContent} },

```

```

3357 parttocframe-default / disable .code:n = { \boolfalse{partContent} },
3358
3359 parttocframe-default / unknown .code:n = { \PackageWarning{ gotham } { The-choice-'\#1'-is-unknown } }
3360 }
3361
3362 \keys_define:nn { gotham / inner }{
3363 % sectiontocframe template
3364 sectiontocframe~template .usage:n = { general },
3365 sectiontocframe~template .default:n = { gotham~simple },
3366 sectiontocframe~template .code:n = { \__gotham_set_template:nn{toc~section~frame}{#1} }
3367 }
3368 \keys_define:nn { gotham / inner }
3369 {
3370 % sectiontocframe default
3371 sectiontocframe~default .choice:,
3372 sectiontocframe~default .usage:n = { general },
3373 sectiontocframe~default .default:n = { true },
3374
3375 sectiontocframe~default / true .code:n = { \booltrue{sectionContent} },
3376 sectiontocframe~default / on .code:n = { \booltrue{sectionContent} },
3377 sectiontocframe~default / enable .code:n = { \booltrue{sectionContent} },
3378
3379 sectiontocframe~default / false .code:n = { \boolfalse{sectionContent} },
3380 sectiontocframe~default / off .code:n = { \boolfalse{sectionContent} },
3381 sectiontocframe~default / disable .code:n = { \boolfalse{sectionContent} },
3382
3383 sectiontocframe~default / unknown .code:n = { \PackageWarning{ gotham } { The-choice-'\#1'-is-unknown } }
3384 }
3385
3386 \keys_define:nn { gotham / inner }{
3387 % subsectiontocframe template
3388 subsectiontocframe~template .usage:n = { general },
3389 subsectiontocframe~template .default:n = { gotham~simple },
3390 subsectiontocframe~template .code:n = { \__gotham_set_template:nn{toc~subsection~frame}{#1} }
3391 }
3392 \keys_define:nn { gotham / inner }
3393 {
3394 % subsectiontocframe default
3395 subsectiontocframe~default .choice:,
3396 subsectiontocframe~default .usage:n = { general },
3397 subsectiontocframe~default .default:n = { true },
3398
3399 subsectiontocframe~default / true .code:n = { \booltrue{subsectionContent} },
3400 subsectiontocframe~default / on .code:n = { \booltrue{subsectionContent} },
3401 subsectiontocframe~default / enable .code:n = { \booltrue{subsectionContent} },
3402
3403 subsectiontocframe~default / false .code:n = { \boolfalse{subsectionContent} },
3404 subsectiontocframe~default / off .code:n = { \boolfalse{subsectionContent} },
3405 subsectiontocframe~default / disable .code:n = { \boolfalse{subsectionContent} },
3406
3407 subsectiontocframe~default / unknown .code:n = { \PackageWarning{ gotham } { The-choice-'\#1'-is-unknown } }
3408 }

```

(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` is a command to ensure verticale spacing equivalent to a line.

```
3409 \newlength{\gotham@blocksep}
3410 \newlength{\gotham@blockadjust}
3411 \setlength{\gotham@blocksep}{0.75ex}
3412 \setlength{\gotham@blockadjust}{0.25ex}
3413 \providecommand{\gotham@strut}{
3414 \vphantom{ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz (/)}
3415 }
```

(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
3416 \newlength{\gotham@parskip}
3417 \setlength{\gotham@parskip}{0.5em}
3418 \setlength{\parskip}{\gotham@parskip}
3419 \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`.

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



```

3447 }
3448 }
3449 % We can now set the contents of the |block title|.
3450 % The zero-width but positive-height box |\gotham@strut| ensures that the block title box h
3451 %
3452 \usebeamerfont*{block~title#1}
3453 \gotham@strut
3454 \insertblocktitle
3455 \gotham@strut
3456 \end{beamercolorbox}
3457 % Next, we typeset the |block body|.
3458 % This the code is similar to, but simpler than, the |block title| code since we don't need
3459 \nointerlineskip
3460 \ifbeamercolorempy[bg]{block~body#1}{
3461 \begin{beamercolorbox}[vmode]{block~body#1}
3462 }{
3463 \ifbeamercolorempy[bg]{block~body}{
3464 \begin{beamercolorbox}[vmode]{block~body#1}
3465 }{
3466 \begin{beamercolorbox}[sep=\gotham@blocksep, vmode]{block~body#1}
3467 \vspace{-\gotham@parskip}
3468 }
3469 }
3470 \usebeamerfont{block~body#1}
3471 \setlength{\parskip}{\gotham@parskip}
3472 }
3473 % 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.

```

3474 % \defbeamertemplate*{block~begin}{gotham}{\gotham@block{}}
3475 % \defbeamertemplate*{block~alerted~begin}{gotham}{\gotham@block{~alerted}}
3476 % \defbeamertemplate*{block~example~begin}{gotham}{\gotham@block{~example}}
3477 % \defbeamertemplate*{block~end}{gotham}{\end{beamercolorbox}\vspace*{0.2ex}}
3478 % \defbeamertemplate*{block~alerted~end}{gotham}{\end{beamercolorbox}\vspace*{0.2ex}}
3479 % \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.

```

3480 \defbeamertemplate*{itemize~item}{gotham}{%\textbullet}
3481 \large
3482 \setbeamertemplate{itemize~item}[circle]
3483 \usebeamertemplate{itemize~item}
3484 }
3485 \defbeamertemplate*{itemize~subitem}{gotham}{%$\blacktriangleright$
3486 \scriptsize

```

```

3487 \setbeamertemplate{itemize-subitem}[triangle]
3488 \usebeamertemplate{itemize-subitem}
3489 }
3490 \defbeamertemplate*{itemize-subsubitem}{gotham}{%square or -
3491 \Tiny
3492 $\blacksquare$ % \textbf{-}
3493 % \setbeamertemplate{itemize-subsubitem}[square]
3494 % \usebeamertemplate{itemize-subsubitem} % not working because the size of the square is ha
3495 }
3496
3497 %% TRY: enumitem package, enumitem and beamer are incompatible.
3498 % \setitemize{label=\usebeamerfont*{itemize-item}
3499 % \usebeamerfont{fg}{itemize-item}
3500 % \usebeamertemplate{itemize-item}}
3501 %% I tried to redefine everything to make them compatible, but it breaks the [alert] environ
3502

```

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

```

\defbeamertemplate{caption}
\defbeamertemplate{footnote}

```

Templates definitions for caption and footnote.

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

```

3503 \defbeamertemplate*{caption-label-separator}{gotham}{:~}
3504 \setbeamertemplate{caption}[numbered]
3505 \defbeamertemplate*{footnote}{gotham}{
3506 \parindent~0em\noindent
3507 \raggedright
3508 \usebeamerfont{footnote}\hbox~to~0.8em{\hfil\insertfootnotemark}\insertfootnotetext\par
3509 }

```

(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*.

```

3510 % when no value is given, default is called.
3511 \keys_set:nn { gotham / inner } {
3512 title~page,
3513 watermark~template, watermark~default,
3514 standout~template, standin~template,
3515 partframe~template, partframe~default,
3516 sectionframe~template, sectionframe~default,
3517 subsectionframe~template, subsectionframe~default,
3518 subsubsectionframe~template, subsubsectionframe~default,
3519 toctframe~template,
3520 parttocframe~template, parttocframe~default,
3521 sectiontocframe~template, sectiontocframe~default,
3522 subsectiontocframe~template, subsectiontocframe~default,
3523 % subsubsectiontocframe~template, subsubsectiontocframe~default,
3524 }

```

(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.

```
3525 \ProcessKeyOptions[ gotham / inner ]
3526 % \mode<all>

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

3527 %\endinput
3528 </inner>

3529 <*outer>
3530 \ProvidesExplPackage{beamerouterthemegotham}{2026-04-02}{1.2.5.a}{gotham outer theme}
3531 \RequirePackage{expl3}
3532 \RequirePackage{xfp}
3533 \RequirePackage{calc}
3534 \RequirePackage{tikz}

OUTER
```

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

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

```

3568   parent=progress~bar
3569 }
3570 \setbeamercolor{frametitleSection}{use=primary-palette, bg=, fg=primary-palette.bg}
3571 \setbeamercolor{standout}{use=primary-palette, bg=colorStandout, fg=primary-palette.bg}
3572 \setbeamercolor{standin}{use=normal~text, bg=colorStandin, fg=normal~text.fg}
3573 \setbeamercolor{section~in~toc}{use=normal~text, parent=normal~text,}
3574 \setbeamercolor{subsection~in~toc}{use=normal~text, parent=normal~text,}
3575 \setbeamercolor{subsubsection~in~toc}{use=normal~text, parent=normal~text,}
3576 }{
3577 % else the colors are defined: this is fine.
3578 }

```

(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

```

3579 \prop_if_exist:NTF \l__gotham_template_name_prop
3580 {}{
3581 % if not defined than define it.
3582 \prop_new:N \l__gotham_template_name_prop
3583 }

```

(End of definition for \l__gotham_template_name_prop.)

```

\l__gotham_tmpa_seq tmp variables
\l__gotham_tmpa_tl
\l__gotham_tmpb_tl
3584 \seq_if_exist:NTF \l__gotham_tmpa_seq
3585 {}{
3586 % sequence
3587 \seq_new:N \l__gotham_tmpa_seq
3588 }
3589 \tl_if_exist:NTF \l__gotham_tmpa_tl
3590 {}{
3591 % token list A
3592 \tl_new:N \l__gotham_tmpa_tl
3593 }
3594 \tl_if_exist:NTF \l__gotham_tmpb_tl
3595 {}{
3596 % token list B
3597 \tl_new:N \l__gotham_tmpb_tl
3598 }

```

(End of definition for \l__gotham_tmpa_seq, \l__gotham_tmpa_tl, and \l__gotham_tmpb_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_pr

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.

```
3599 \\cs_if_exist:NTF \\_gotham_set_prop_template:nn {}{
3600 % if it doesn't exist, then create it.
3601 \\cs_new_protected:Nn \\_gotham_set_prop_template:nn
3602 {
3603 % Check if the first argument contains a /
3604 \\tl_if_in:nnTF { #1 } { / }
3605 {
3606 % Split the first around the /
3607 \\seq_set_split:Nnn \\l__gotham_tmpa_seq { / } { #1 }
3608 \\tl_set:Nn \\l__gotham_tmpa_tl { \\seq_item:Nn \\l__gotham_tmpa_seq { 1 } }
3609 \\tl_set:Nn \\l__gotham_tmpb_tl { \\seq_item:Nn \\l__gotham_tmpa_seq { 2 } }
3610 % Check if template exist
3611 \\cs_if_exist:cTF {beamer@tmpop@\\exp_not:V \\l__gotham_tmpa_tl @\\exp_not:V \\l__gotham_tmpb_tl}
3612 % set the value in the map, so it can be called later.
3613 \\prop_put:Nnn \\l__gotham_template_name_prop {#1} {#2}
3614 % \\setbeamertemplate{#1}[#2]
3615 }{
3616 \\PackageError{beamerthemegotham}
3617 {The~beamer~template~named~'\\l__gotham_tmpa_tl'~with~the~option~'\\l__gotham_tmpb_tl/#2'~
3618 {helping~message}
3619 }
3620 }{% false -> error
3621 \\PackageError{beamerthemegotham}
3622 {
3623 When~using~'\\c_backslash_str\\cs_to_str:N \\_gotham_set_prop_template'~the~first~argument
3624 As~example:~if~'\\c_backslash_str defbeamertemplate{background}{watermark/gotham~draft}'~
3625 }{helping~message}
3626 }
3627 }
3628 }
```

`__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.

```
3629 \seq_if_exist:NTF \l__gotham_frameoption_tmp_seq {}{
3630 % Define the sequence of frameoptions environments to close
3631 \seq_new:N \l__gotham_frameoption_tmp_seq
3632 }
3633
3634 \cs_if_exist:NTF \__gotham_add_beamerframe_key:n {}{
3635 % if it doesn't exist, then create it.
3636
3637 % Define the command to add frameoptions
3638 \cs_new_protected:Nn \__gotham_add_beamerframe_key:n {
3639   \define@key{beamerframe}{#1}[true]{
3640     \begin{#1env}
3641     \seq_put_left:Nn \l__gotham_frameoption_tmp_seq { \end{#1env} }
3642   }
3643 }
3644
3645 % At the end of frames close the opened environments.
3646 \apptocmd{\beamer@reseteecodes}{
3647   % Join elements in the queue without separator then output the result
3648   \seq_use:Nn \l__gotham_frameoption_tmp_seq {}
3649   % clear working queue
3650   \seq_clear:N \l__gotham_frameoption_tmp_seq
3651 }{}{}
3652 }
```

`__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.

```
3653 \cs_if_exist:NTF \__gotham_set_template:nn {}{
3654 % If it doesn't exist, then create it.
3655
3656 % Define the command to set template if it exists.
3657 \cs_new_protected:Nn \__gotham_set_template:nn
3658 {
3659   \cs_if_exist:cTF {beamer@ttmpop@#1@#2} {
3660     \setbeamertemplate{#1}[#2]
3661   }{
3662     \PackageError{beamerinnerthemegotham}
3663       {The~beamer~template~named~'#1'~with~the~option~'#2'~does~not~exist}
3664       {helping~message~unknown~setbeamertemplate~option}
3665   }
3666 }
3667 }
```

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.

```
3668 % sidebar lengths
3669 \newlength{\sidebarRightHOffset}
3670 \newlength{\sidebarLeftHOffset}
3671 \setlength{\sidebarRightHOffset}{-2.5ex}
3672 \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.

```
3673 % Command to add filigrane/edging in sidebar
3674 \providecommand{\gothamRightFiligrane}{
3675 % left empty intentionally
3676 % \rotatebox{90}{gotham right filigrane pattern}
3677 }
3678 \providecommand{\gothamLeftFiligrane}{
3679 % left empty intentionally
3680 % \rotatebox{-90}{\hspace*{5em} gotham left filigrane pattern}
3681 }
```

(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.

```

3682 \defbeamertemplate{sidebar~right}{default/beamer}{
3683   \vfill
3684   \llap{\insertlogo\hskip0.1cm}
3685   \vskip2pt
3686   \llap{\usebeamertemplate***{navigation~symbols}\hskip0.1cm}
3687   \vskip2pt
3688 }
3689 \defbeamertemplate{sidebar~right}{default/empty}{}
3690 \defbeamertemplate{sidebar~canvas~right}{default/empty}{}
3691 \defbeamertemplate{sidebar~canvas~right}{default/gotham-filigrane}{
3692   % pull to the left otherwise, the filigrane is outside of the frame.
3693   \hspace*{\sidebarRightHOffset}
3694   \gothamRightFiligrane
3695 }
3696 \defbeamertemplate{sidebar~left}{default/empty}{}
3697 \defbeamertemplate{sidebar~canvas~left}{default/empty}{}
3698 \defbeamertemplate{sidebar~canvas~left}{default/gotham-filigrane}{
3699   \hspace*{\sidebarLeftHOffset}
3700   \gothamLeftFiligrane
3701 }
3702 % Add the template to the prop (dictionary) of background template to use according to the s
3703 \prop_put:Nnn \l__gotham_template_name_prop {sidebar~canvas~left/default} {gotham-filigrane}
3704 \prop_put:Nnn \l__gotham_template_name_prop {sidebar~canvas~right/default} {gotham-filigrane}
3705 \prop_put:Nnn \l__gotham_template_name_prop {sidebar~left/default} {empty}
3706 \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.

```

3707 \bool_new:N \l_gotham_defaultEdging
3708 \bool_set_false:N \l_gotham_defaultEdging
3709 % At every new frame, reset the options to default (unless some options/keys are given)
3710 \BeforeBeginEnvironment{frame}{
3711   \bool_if:NTF \l_gotham_defaultEdging {
3712     \setbeamertemplate{sidebar~canvas~left}[default/\prop_item:Nn \l__gotham_template_name_pro
3713     \setbeamertemplate{sidebar~canvas~right}[default/\prop_item:Nn \l__gotham_template_name_pro
3714   }{
3715     % false
3716     \setbeamertemplate{sidebar~canvas~left}[default/empty]
3717     \setbeamertemplate{sidebar~canvas~right}[default/empty]
3718   }
3719 }

```

(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*.

```

3720 % bool to trigger the add of edging in sidebar canvas
3721 \newenvironment{edgingenv}{
3722 \setbeamertemplate{sidebar~canvas~left}[
3723 default/\prop_item:Nn \l__gotham_template_name_prop {sidebar~canvas~left/default}
3724 ]
3725 \setbeamertemplate{sidebar~canvas~right}[
3726 default/\prop_item:Nn \l__gotham_template_name_prop {sidebar~canvas~right/default}
3727 ]
3728 }{}
3729 \__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 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*.

```

3730 % bool to trigger the add of noedging in sidebar canvas
3731 \newenvironment{noedgingenv}{
3732 \setbeamertemplate{sidebar~canvas~left}[default/empty]
3733 \setbeamertemplate{sidebar~canvas~right}[default/empty]
3734 }{}
3735 \__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*.

```

3736 \keys_define:nn { gotham / outer }
3737 {
3738 % sidebar~canvas~right template
3739 sidebar~canvas~right~template .usage:n = { general },
3740 sidebar~canvas~right~template .default:n = { gotham-filigrane },
3741 sidebar~canvas~right~template .code:n = { \__gotham_set_prop_template:nn{sidebar~canvas~right}
3742 }
3743 \keys_define:nn { gotham / outer }
3744 {
3745 % sidebar~canvas~left template
3746 sidebar~canvas~left~template .usage:n = { general },
3747 sidebar~canvas~left~template .default:n = { gotham-filigrane },
3748 sidebar~canvas~left~template .code:n = { \__gotham_set_prop_template:nn{sidebar~canvas~left}
3749 }
3750 \keys_define:nn { gotham / outer }{
3751 % edging default
3752 edging~default .choice:,
3753 edging~default .usage:n = { general },
3754 edging~default .default:n = { false },
3755
3756 edging~default / true .code:n = { \bool_set_true:N \l_gotham_defaultEdging },
3757 edging~default / on .code:n = { \bool_set_true:N \l_gotham_defaultEdging },
3758 edging~default / enable .code:n = { \bool_set_true:N \l_gotham_defaultEdging },
3759

```

```

3760 edging-default / false .code:n = { \bool_set_false:N \l_gotham_defaultEdging },
3761 edging-default / off .code:n = { \bool_set_false:N \l_gotham_defaultEdging },
3762 edging-default / disable .code:n = { \bool_set_false:N \l_gotham_defaultEdging },
3763
3764 edging-default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~unknown
3765 }

```

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

Navigation & Logo

`\setbeamertemplate*{navigation-symbols}{empty}` Apply the empty navigation symbol template by default.

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

```

3766 \defbeamertemplate*{navigation-symbols}{empty}{}

```

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

`\setbeamertemplate{navigation-symbols}{horizontal}` From Beamer default theme.

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

```

3767 % \setbeamertemplate{navigation-symbols}[vertical]
3768 % \setbeamertemplate{navigation-symbols}[only-frame-symbol]
3769 % \setbeamertemplate{navigation-symbols}[default]% = horizontal
3770 % \defbeamertemplate{navigation-symbols}{horizontal}{
3771 % \usebeamercolor[fg]{navigation-symbols}
3772 % \insertslidenavigationsymbol
3773 % \insertframenavigationsymbol
3774 % \insertsubsectionnavigationsymbol
3775 % \insertsectionnavigationsymbol
3776 % \insertdocnavigationsymbol
3777 % \insertbackfindforwardnavigationsymbol
3778 % }

```

(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*.

```

3779 \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*.

```

3780 % bool to trigger the add of nologo action on frame.
3781 \newenvironment{nologoenv}{
3782 \setbeamertemplate{logo}[empty]
3783 }{}
3784 \__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 by 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.

```
3785 \defbeamertemplate{headline}{default/gotham}{}
3786 \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 ??.)

`\rtemplate{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.

```
3787 \defbeamertemplate{headline}{default/gotham-section}{
3788 \begin{beamercolorbox}[wd=1.0\paperwidth, ht=2.5ex, dp=1.4ex, left]{headfoot}
3789 \usebeamerfont{section-in-head/foot}\hspace*{3.5ex}
3790 \usebeamertemplate{section-in-head/foot}
3791 \end{beamercolorbox}
3792 }
```

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

Frametitle

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

```
3793 \newlength{\gothamFrametitleToppading}
3794 \newlength{\gothamFrametitleBottompadding}
3795 \newlength{\gothamFrametitleLeftpadding}
3796 \newlength{\gothamFrametitleRightpadding}
3797 \setlength{\gothamFrametitleToppading}{2.2ex}
3798 \setlength{\gothamFrametitleBottompadding}{2.2ex}
3799 \setlength{\gothamFrametitleLeftpadding}{2.2ex}
3800 \setlength{\gothamFrametitleRightpadding}{2.2ex}
3801 % \gotham@strut from inner
3802 \providecommand{\gotham@strut}{
3803 \vphantom{ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz (/)}
3804 }
```

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

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

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

```
3805 \providecommand{\gotham@frametitlestrut@start}{
3806 \rule{0pt}{\gothamFrametitleToppading +
3807 \totalheightof{
3808 \ifcsdef{gotham@frametitleformat}{\gotham@frametitleformat{X}}{X}
3809 }
3810 }
3811 }
```

```

3812 \providecommand{\gotham@frametitlestrut@end}{
3813 \rule[-\gothamFrametitleBottompadding]{0pt}{\gothamFrametitleBottompadding}
3814 }

```

(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 your can do `\renewcommand{\gothamInstituteLogoSquare}[1][4ex]{\includegraphics[he`

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

```

3815 \providecommand{\gothamInstituteLogoSquare}[1][4ex]{
3816 %\includegraphics[height=#1]{gotham-logo.pdf}
3817 }
3818 \defbeamertemplate{includeLogo}{default/gotham-square}{
3819 \gothamInstituteLogoSquare
3820 }
3821 \prop_put:Nnn \l__gotham_template_name_prop {includeLogo/default} {gotham-square}

```

```

template{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.

```

3822 \defbeamertemplate{includeLogo}{default/gotham-circle}{
3823 \gothamProgressCircle
3824 }

```

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

```

template{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.

```

3825 \defbeamertemplate{instituteLogo}{default/gotham}{
3826 % \raisebox{lift}[height][depth]{text}
3827 \raisebox{0pt}[0pt][0pt]{
3828 \raisebox{.5\fontcharht\font'E-0.5\height}{
3829 % \setbeamertemplate{}[]
3830 \setbeamertemplate{includeLogo}[default/\prop_item:Nn \l__gotham_template_name_prop {incl
3831 \usebeamertemplate{includeLogo}
3832 }
3833 }
3834 }
3835 \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.

```
3836 \providecommand{\gothamFrameSubtitleSep}{
3837 % \[-.42em] % if newline (as default Beamer)
3838 % or if same line with a -- separator.
3839 \ ----
3840 }
```

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

```
3841 \newlength{\gothamFramesubtitleStrutend}
3842 \setlength{\gothamFramesubtitleStrutend}{0pt}
3843 % \setlength{\gothamFramesubtitleStrutend}{-1.25ex} %% When \newcommand{\gothamFrameSubtitle
```

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

`\defbeamertemplate{frametitle}{default/gotham-subsameline}` 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.

```
3844 \defbeamertemplate{frametitle}{default/gotham~subsameline}{
3845 \nointerlineskip
3846 \begin{beamercolorbox}[
3847 wd=\paperwidth,
3848 sep=0pt,
3849 leftskip=\gothamFrametitleLeftpadding,
3850 rightskip=\gothamFrametitleRightpadding,
3851 ]{frametitle}
3852 \gotham@frametitlestrut@start
3853 \insertframetitle
3854 \ifx\insertframesubtitle\@empty
3855 %% if subtitle to the frame is empty
3856 \else
3857 %% if not empty: add subtitle
3858 {\usebeamerfont{framesubtitle}\usebeamercolor[fg]{framesubtitle}\gothamFrameSubtitleSep \
3859 \vspace*{\gothamFramesubtitleStrutend}
3860 \fi
3861 \nolinebreak
3862 %% Add logo
3863 \hfill{
3864 \setbeamertemplate{instituteLogo}[default/\prop_item:Nn \l__gotham_template_name_prop {in
3865 \usebeamertemplate{instituteLogo}
3866 }
3867 \gotham@frametitlestrut@end
3868 \end{beamercolorbox}
3869 }
3870 \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 ??.)

`\defframesubtitle{default/gotham-subnewline}` 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.

```
3871 \dim_new:N \l__gotham_framesubtitle_subnewline_strutend_dim
```

```

3872 \defbeamertemplate{framesubtitle}{default/gotham~subnewline}{
3873 \nointerlineskip
3874 \begin{beamercolorbox}[
3875 wd=\paperwidth,
3876 sep=0pt,
3877 leftskip=\gothamFrametitleLeftpadding,
3878 rightskip=\gothamFrametitleRightpadding,
3879 ]{frametitle}
3880 % put the subtitle in a raisebox to have no influence on the result.
3881 \raisebox{0pt}[0pt][0pt]{
3882 \raisebox{-0.3ex}{
3883 { \usebeamerfont{framesubtitle}\usebeamercolor[fg]{framesubtitle}\insertframesubtitle}
3884 }
3885 }
3886 % add 1ex to take into account the subtitle height.
3887 \dim_set:Nn \l__gotham_framesubtitle_subnewline Strutend_dim {1.ex+\gothamFramesubtitleStr
3888 \vspace{\l__gotham_framesubtitle_subnewline Strutend_dim}
3889 \end{beamercolorbox}
3890 }
3891 \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 ??.)

`{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.

```

3892 \defbeamertemplate{frametitle}{default/gotham~subnewline}{
3893 \nointerlineskip
3894 \begin{beamercolorbox}[
3895 wd=\paperwidth,
3896 sep=0pt,
3897 leftskip=\gothamFrametitleLeftpadding,
3898 rightskip=\gothamFrametitleRightpadding,
3899 ]{frametitle}
3900 \gotham@frametitlestrut@start
3901 \insertframetitle
3902 \nolinebreak
3903 \hfill{
3904 \setbeamertemplate{instituteLogo}[default/\prop_item:Nn \l__gotham_template_name_prop {in
3905 \usebeamertemplate{instituteLogo}
3906 }
3907 \gotham@frametitlestrut@end
3908 \end{beamercolorbox}
3909 %% End of the frametitle box, start then use the subtitle template if needed.
3910 \ifx\insertframesubtitle\@empty
3911 %% if subtitle to the frame is not empty
3912 \else
3913 % reduce vertical space to have a 1pt overlap, so no white line appears with vectorial vie
3914 \vspace*{-1pt}
3915 % add the subtitle
3916 \setbeamertemplate{framesubtitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fra
3917 % \setbeamertemplate{framesubtitle}%[framesubtitle/default]
3918 \usebeamertemplate{framesubtitle}
3919 \fi
3920 }

```

(End of definition for `\defbeamer-template{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`.

```

3921 \keys_define:nn { gotham / outer }{
3922 % frametitle template
3923 frametitle~template .usage:n = { general },
3924 frametitle~template .default:n = { gotham-subsameline },
3925 frametitle~template .code:n = {
3926   \__gotham_set_prop_template:nn{frametitle/default}{#1}
3927   \setbeamer-template{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {framet
3928 }
3929 }
3930 \keys_define:nn { gotham / outer }{
3931 % framesubtitle template
3932 framesubtitle~template .usage:n = { general },
3933 framesubtitle~template .default:n = { gotham-subnewline },
3934 framesubtitle~template .code:n = {
3935   \__gotham_set_prop_template:nn{framesubtitle/default}{#1}
3936   \setbeamer-template{framesubtitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fra
3937 }
3938 }

```

(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`.

```

3939 \defbeamer-template{frametitle-continuation}{default/beamer}{
3940 \usebeamerfont{frametitle}
3941 {
3942   \MakeUppercase{\romannumeral \insertcontinuationcount}
3943 }
3944 }

```

(End of definition for `\defbeamer-template{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`.

```

3945 \defbeamer-template{frametitle-continuation}{default/tot}{
3946 \usebeamerfont{frametitle}
3947 {
3948   \textmd{%
3949     [\insertcontinuationcount
3950     \,/,\,%
3951     \the\numexpr\beamer@endpageofframe+1-\beamer@startpageofframe
3952   ]%

```

```

3953 }%
3954 }
3955 }

```

(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*.

```

3956 \defbeamertemplate{frametitle-continuation}{default/gotham}{
3957   \usebeamerfont{frametitle}
3958   {
3959     %\small
3960     (\romannumeral \insertcontinuationcount)
3961   }
3962 }
3963 \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*.

```

3964 \keys_define:nn { gotham / outer }{
3965   % frametitle template
3966   frametitle-continuation~template .usage:n = { general },
3967   frametitle-continuation~template .default:n = { gotham },
3968   frametitle-continuation~template .code:n = {
3969     \__gotham_set_prop_template:nn{frametitle-continuation/default}{#1}
3970     \setbeamertemplate{frametitle-continuation}[default/\prop_item:Nn \l__gotham_template_name
3971   }
3972 }

```

(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*.

```

3973 \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*.

```

3974 % bool to trigger the add of nofootline in frame.
3975 \newenvironment{nofootlineenv}{
3976   \setbeamertemplate{footline}[empty]
3977 }{}
3978 \__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 3979 % Footline lengths
\gothamFootlineDepth 3980 % space between to bottom of the text (or the footnote) and the footline
3981 \newlength{\gothamFootlineVOffset}
3982 \newlength{\gothamFootlineHeight}
3983 \newlength{\gothamFootlineDepth}
3984 \newlength{\gothamFootlineHRightOffset}
3985
3986 \setlength{\gothamFootlineVOffset}{-0.5ex}
3987 \setlength{\gothamFootlineDepth}{0.1ex}
3988 \setlength{\gothamFootlineHeight}{1.5ex}
3989 \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.

```
3990 \defbeamertemplate*{footline}{default/gotham}{
3991 % new line to adjust the footline position.
3992 \vspace*{\gothamFootlineVOffset}
3993 \begin{beamercolorbox}[
3994 wd=\textwidth,
3995 sep=0pt,
3996 leftskip=3ex,
3997 rightskip=3ex,
3998 ht={\gothamFootlineHeight},
3999 dp={\gothamFootlineDepth},
4000 ]{footline}
4001 \usebeamerfont{page number in head/footer}
4002 \ifbeamertemplateempty{frame~footer}{
4003 %executed if empty
4004 \hfill \ \gotham@strut
4005 }{
4006 %<executed otherwise>
4007 \usebeamertemplate*{frame~footer}
4008 }
4009 \hspace{\gothamRightFooterPadding}
4010 {\usebeamertemplate{page~number~in~head/footer}}
4011 \hspace*{\gothamFootlineHRightOffset}
4012 \end{beamercolorbox}
4013 }
4014 \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.

```
4015 % bool to trigger the add of nopagenumber in frame.
```

```

4016 \newenvironment{nopagenumberenv}{
4017 \setbeamertemplate{page-number~in-head/footer}[none]
4018 }{}
4019 \_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
4020 \newlength{\gothamLeftFooterPadding}
4021 \newlength{\gothamRightFooterPadding}
4022 \newlength{\gothamFooterHOffset}
4023 \setlength{\gothamLeftFooterPadding}{2.0ex}
4024 \setlength{\gothamRightFooterPadding}{3.5ex}
4025 \setlength{\gothamFooterHOffset}{Opt}

```

(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*.

```

4026 \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*.

```

4027 \defbeamertemplate{frame~footer}{empty}{
4028 \hspace{\gothamLeftFooterPadding}
4029 \hfill \
4030 \gotham@strut
4031 % decrease space between progress bar and footer
4032 \vspace*{\gothamFooterHOffset}
4033 }

```

(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*.

```

4034 % bool to trigger the add of nofooter in frame.
4035 \newenvironment{nofooterenv}{
4036 \setbeamertemplate{frame~footer}[empty]
4037 }{}
4038 \_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.

```

4039 \bool_new:N \l_gotham_defaultRotateFooter
4040 \bool_set_false:N \l_gotham_defaultRotateFooter
4041 \bool_new:N \l_gotham_RotateFooter
4042 \bool_set_false:N \l_gotham_RotateFooter
4043 % At every new frame, reset the options to default (unless some options/keys are given)
4044 \BeforeBeginEnvironment{frame}{
4045   \bool_if:NTF \l_gotham_defaultRotateFooter {
4046     \bool_set_true:N \l_gotham_RotateFooter
4047   }{% false
4048     \bool_set_false:N \l_gotham_RotateFooter
4049   }
4050 }
```

(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.

```

4051 % bool to trigger
4052 % Capture new options/keys for frames
4053 \define@key{beamerframe}{rotateFooter}[true]{
4054   \bool_set_true:N \l_gotham_RotateFooter
4055 }
```

(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.

```

4056 % Capture new options/keys for frames
4057 \define@key{beamerframe}{noRotateFooter}[true]{
4058   \bool_set_false:N \l_gotham_RotateFooter
4059 }
```

(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.

```

4060 \keys_define:nn { gotham / outer }{
4061   % rotateFooter default
4062   rotateFooter~default .choice:,
4063   rotateFooter~default .usage:n = { general },
4064   rotateFooter~default .default:n = { false },
4065
4066   rotateFooter~default / true .code:n = { \bool_set_true:N \l_gotham_defaultRotateFooter },
4067   rotateFooter~default / on .code:n = { \bool_set_true:N \l_gotham_defaultRotateFooter },
4068   rotateFooter~default / enable .code:n = { \bool_set_true:N \l_gotham_defaultRotateFooter },
4069
4070   rotateFooter~default / false .code:n = { \bool_set_false:N \l_gotham_defaultRotateFooter },
```

```

4071 rotateFooter~default / off .code:n = { \bool_set_false:N \l_gotham_defaultRotateFooter },
4072 rotateFooter~default / disable .code:n = { \bool_set_false:N \l_gotham_defaultRotateFooter
4073
4074 rotateFooter~default / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~u
4075 }

```

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

```

\gothamFootlineRuleLeftPadding Lengths used in footer template.
\gothamFootlineRuleHeight 4076 \newlength{\gothamFootlineRuleLeftPadding}
\gothamFootlineRuleLength 4077 \newlength{\gothamFootlineRuleHeight}
\gothamHposLeftRotFooter 4078 \newlength{\gothamFootlineRuleLength}
\gothamHposRightRotFooter 4079
\gothamVposLeftRotFooter 4080 \setlength{\gothamFootlineRuleLeftPadding}{7mm}
\gothamVposRightRotFooter 4081 \setlength{\gothamFootlineRuleHeight}{0.0pt}
4082 % \setlength{\gothamFootlineRuleHeight}{0.5pt} % This is nice also but have a cleaner default
4083 \setlength{\gothamFootlineRuleLength}{15mm}
4084
4085 % horizontal position (in picture env) for the rotated footer.
4086 \newlength{\gothamHposLeftRotFooter}
4087 \newlength{\gothamHposRightRotFooter}
4088 \newlength{\gothamVposLeftRotFooter}
4089 \newlength{\gothamVposRightRotFooter}
4090
4091 \setlength{\gothamHposLeftRotFooter}{-7pt}
4092 \setlength{\gothamHposRightRotFooter}{2pt}
4093 \setlength{\gothamVposLeftRotFooter}{15pt}
4094 \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 4095 % Not used yet because I need to have a latex3 settowidth equivalent.
4096 % I will maybe take inspiration from https://tex.stackexchange.com/questions/492367/does-exp
4097 % \dim_new:N \l__gotham_HLen_rightRotFooter_dim
4098 % \dim_new:N \l__gotham_HLen_leftRotFooter_dim
4099 \newlength{\hlenRightRotFooter}
4100 \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.

```

4101 \providecommand{\gothamHookFooter}{}
4102 \defbeamertemplate{frame~footer}{default/gotham}{
4103 %% Add a ruler but without affecting the dimensions of the footline
4104 \vbox to 0pt{
4105 % Vertical stretch to ensure proper spacing
4106 \vss
4107 \hbox to 0pt{
4108 \hspace*{\gothamFootlineRuleLeftPadding}
4109 % \usebeamercolor{frametitle}
4110 % \color{frametitle.bg}

```

```

4111 \usebeamercolor{footlineRule}
4112 \color{footlineRule.fg}
4113 \rule{\gothamFootlineRuleLength}{\gothamFootlineRuleHeight}
4114 \vspace*{
4115   \dimexpr \gothamFootlineHeight -0.25em\relax
4116 }
4117 % Horizontal stretch to ensure proper spacing
4118 \hss
4119 }
4120 }
4121 %%% Add Hook
4122 \gothamHookFooter{}
4123 %%% Add short date
4124 \hspace{\gothamLeftFooterPadding}
4125 \settowidth{\hlenLeftRotFooter}{\hspace{-\gothamLeftFooterPadding}}
4126 \addtolength{\hlenLeftRotFooter}{\gothamHposLeftRotFooter}
4127 % \ifbool{rotateFooter}{
4128 \bool_if:NTF \l_gotham_RotateFooter {
4129   % rotateFooter true
4130   \begin{picture}(0,0)(0,0)
4131     \put(\hlenLeftRotFooter,\gothamVposLeftRotFooter){\rotatebox{90}{\insertshortdate}}
4132   \end{picture}
4133 }{
4134   % rotateFooter false
4135   \insertshortdate
4136 }
4137 \hfill \
4138 %%% Add short title
4139 \hfill \ \insertshorttitle
4140 % make sure that the vertical space is constant: strut.
4141 \gotham@strut
4142 \hfill \
4143 \hfill \
4144 %%% Add short author
4145 \bool_if:NTF \l_gotham_RotateFooter {
4146   % rotateFooter true
4147   \settowidth{\hlenRightRotFooter}{\hspace{\gothamRightFooterPadding}\usebeamertemplate{page}}
4148   \addtolength{\hlenRightRotFooter}{\gothamHposRightRotFooter}
4149   \begin{picture}(0,0)(0,0)
4150     \put(\hlenRightRotFooter,\gothamVposRightRotFooter){\rotatebox{90}{\insertshortauthor}}
4151   \end{picture}
4152 }{
4153   % rotateFooter false
4154   \insertshortauthor
4155 }
4156 %%% Decrease space between progress bar and footer
4157 \vspace*{\gothamFooterHOffset}
4158 }
4159 \prop_put:Nnn \l__gotham_template_name_prop {frame~footer/default} {gotham}

```

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

`outer_key_{}_interface` Controls the outer settings for footer template.

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

```

4160 \keys_define:nn { gotham / outer }{
4161 % footer template
4162 footer~template .usage:n = { general },
4163 footer~template .default:n = { gotham },
4164 footer~template .code:n = {
4165   \__gotham_set_prop_template:nn{frame~footer/default}{#1}
4166   \setbeamertemplate{frame~footer}[
4167     default/\prop_item:Nn \l__gotham_template_name_prop {frame~footer/default}
4168   ]
4169 }
4170 }

```

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

Numbering

`\inserttotalframenummer` 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*.

```

4171 %
4172 \def\inserttotalframenummer{100}

```

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

`\beamertemplate{page-number-in-head/footer}{none}` Template to do not numbering the current frame.

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

```

4173 \defbeamertemplate{page-number~in-head/footer}{none}{ }

```

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

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

`\gothamCircleNumberingHshift`

```

4174 \newlength{\gothamCircleNumberingVshift}
4175 \newlength{\gothamCircleNumberingHshift}
4176 \setlength{\gothamCircleNumberingVshift}{1.4mm}
4177 \setlength{\gothamCircleNumberingHshift}{2.6mm}

```

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

`\beamertemplate{page-number-in-head/footer}{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*.

```

4178 \defbeamertemplate{page-number~in-head/footer}{circle}{
4179 % horizontal space between the circle and the right part of the footer (email).
4180 \hspace{+2em}
4181 % \raisebox{lift}[height][depth]{text} => lift here = vertical space between the bottom of
4182 \raisebox{\gothamCircleNumberingVshift}[Opt][Opt]{
4183 \begin{tikzpicture}[remember~picture, overlay]
4184   \coordinate (circleCenter);
4185
4186   \usebeamercolor{frametitle}
4187
4188   \draw[fill, color=frametitle.bg] (circleCenter) circle (6mm);

```

```

4189 \draw[fill, color=frametitle.fg] (circleCenter) circle (5mm);
4190 \node[color=frametitle.bg] at (circleCenter)
4191   {\small$\sim^{\{\insertframenum\}}\negmedspace/\negthinspace\sb{\{\inserttotalframenum\}}$}
4192   ;
4193 \end{tikzpicture}
4194 % horizontal space between the right border of the page and the center of the circle.
4195 \hspace{\gothamCircleNumberingHshift}
4196 }
4197 }

```

(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*.

```

4198 \keys_define:nn { gotham / outer }{
4199 % numbering
4200 numbering .choice:,
4201 numbering .usage:n = { general },
4202 numbering .default:n = { none },
4203
4204 % \__gotham_set_template:nn{title~page}{#1}
4205 numbering / none .code:n = { \setbeamertemplate{page-number-in-head/foot}[none] },
4206 numbering / framenum .code:n = { \setbeamertemplate{page-number-in-head/foot}[framenum] },
4207 numbering / totalframenum .code:n = { \setbeamertemplate{page-number-in-head/foot}[totalframenum] },
4208 numbering / appendixframenum .code:n = { \setbeamertemplate{page-number-in-head/foot}[appendixframenum] },
4209 numbering / pagenum .code:n = { \setbeamertemplate{page-number-in-head/foot}[pagenum] },
4210 numbering / totalpagenum .code:n = { \setbeamertemplate{page-number-in-head/foot}[totalpagenum] },
4211 numbering / circle .code:n = { \setbeamertemplate{page-number-in-head/foot}[circle] },
4212
4213 numbering / unknown .code:n = { \PackageWarning{ gotham } { The~choice-'\#1'-is-unknown-for-
4214 } }

```

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

MiniFrames & Progress bar
MiniFrames

`template{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*.

```

4215 \defbeamertemplate{section-in-head/foot}{default/beamer}{
4216   \insertsectionhead
4217 }
4218 \defbeamertemplate{section-in-head/foot~shaded}{default/beamer}{
4219   \color{fg!50!bg}\usebeamertemplate{section-in-head/foot}
4220 }
4221
4222 % \defbeamertemplate{includeLogo}{default/gotham~square}{
4223 \prop_put:Nnn \l__gotham_template_name_prop {section-in-head/foot~shaded/default} {beamer}
4224 % \defbeamertemplate{includeLogo}{default/gotham~square}{
4225 \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.

```
4226 \defbeamertemplate{section-in-head/foot}{default/gotham-secSubsec}{
4227   \insertsectionhead
4228   \ifx\insertsubsection\empty\else
4229     \ifdefempty{\subsecname}{\relax}{
4230       \ \textbar\ \insertsubsectionhead
4231     }
4232   \fi
4233 }
4234 \defbeamertemplate{section-in-head/foot~shaded}{default/gotham-secSubsec}{
4235   \insertsectionhead
4236 }
```

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

emplate{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.

```
4237 \defbeamertemplate{section-in-head/foot}{default/empty}{
4238   \vspace{3.875ex}
4239 }
4240 \defbeamertemplate{section-in-head/foot~shaded}{default/empty}{
4241   \vspace{3.875ex}
4242 }
```

(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.

```
4243 \newlength{\gotham@temp@heightFrametitle}
4244 \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.

```
4245 \defbeamertemplate*{mini-nav-progress-head/foot}{gotham-miniframes-theme}
4246 {
4247   %,ht=1.75ex,dp=2.75ex
4248   \begin{beamercolorbox}[ignorebg]{section-in-head/foot}
4249     \hfuzz=\paperwidth
4250     \insertnavigation{\paperwidth}
4251     % \dohead
4252     \vspace{0.05cm}
4253   \end{beamercolorbox}
4254 }
4255 \defbeamertemplate*{mini-nav-progress-left}{gotham-miniframes-theme}
4256 {
4257   \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
4258   \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
```



```

4259
4260 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
4261
4262 \vspace{-0.6\paperheight}
4263 \rotatebox{90}{
4264   %,ht=1.75ex,dp=2.75ex
4265   \begin{beamercolorbox}[ignorebg]{section-in-head/foot}
4266     \hfuzz=\gotham@temp@PaperheightFrametitle
4267     \insertnavigation{\gotham@temp@PaperheightFrametitle}
4268     % \dohead
4269     % \vspace{0.05cm}
4270   \end{beamercolorbox}
4271 }
4272 }
4273 \defbeamertemplate*{mini-nav-progress-right}{gotham-miniframes-theme}
4274 {
4275   \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
4276   \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
4277
4278   \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
4279
4280   \vspace{\gotham@temp@heightFrametitle}
4281   \hspace{-2.3em}
4282   \rotatebox{-90}{
4283     %,ht=1.75ex,dp=2.75ex
4284     \begin{beamercolorbox}[ignorebg]{section-in-head/foot}
4285       \hfuzz=\gotham@temp@PaperheightFrametitle
4286       \insertnavigation{\gotham@temp@PaperheightFrametitle}
4287       % \dohead
4288       % \vspace{0.05cm}
4289     \end{beamercolorbox}
4290   }
4291 }

```

(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.

```

4292 \defbeamertemplate{mini-frame}{gotham-box}
4293 {
4294   \begin{pgfpicture}{0pt}{0pt}{.1cm}{.1cm}
4295     \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.1cm}{0.1cm}}
4296     \pgfusepath{fill,stroke}
4297   \end{pgfpicture}
4298 }[action]{
4299   \setbeamersize{mini-frame-size=.14cm, mini-frame-offset=.05cm}
4300 }
4301 %
4302 \defbeamertemplate{mini-frame-in-current-subsection}{gotham-box}
4303 {
4304   \begin{pgfpicture}{0pt}{0pt}{.1cm}{.1cm}
4305     \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.1cm}{0.1cm}}

```

```

4306 \pgfusepath{stroke}
4307 \end{pgfpicture}
4308 }

```

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

`\defbeamertemplate{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*.

```

4309 \defbeamertemplate{mini-frame}{gotham-minibox}
4310 {
4311 \begin{pgfpicture}{0pt}{0pt}{.05cm}{.05cm}
4312 \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.05cm}{0.05cm}}
4313 \pgfusepath{fill,stroke}
4314 \end{pgfpicture}
4315 }[action]{
4316 \setbeamersize{mini-frame~size=.08cm, mini-frame~offset=.05cm}
4317 }
4318 %
4319 \defbeamertemplate{mini-frame~in~current~subsection}{gotham-minibox}
4320 {
4321 \begin{pgfpicture}{0pt}{0pt}{.05cm}{.05cm}
4322 \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{0.05cm}{0.05cm}}
4323 \pgfusepath{stroke}
4324 \end{pgfpicture}
4325 }

```

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

`\defbeamertemplate{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*.

```

4326 \defbeamertemplate{mini-frame}{gotham-minibullet}
4327 {
4328 \beamer@xlatex@fixminiframes
4329 \begin{pgfpicture}{0pt}{0pt}{0.05cm}{0.05cm}
4330 \pgfpathcircle{\pgfpoint{0.03cm}{0.03cm}}{0.03cm}
4331 \pgfusepath{fill,stroke}
4332 \end{pgfpicture}
4333 }[action]{
4334 \setbeamersize{mini-frame~size=.09cm, mini-frame~offset=.05cm}
4335 }
4336 %
4337 \defbeamertemplate{mini-frame~in~current~subsection}{gotham-minibullet}
4338 {
4339 \beamer@xlatex@fixminiframes
4340 \begin{pgfpicture}{0pt}{0pt}{0.05cm}{0.05cm}
4341 \pgfpathcircle{\pgfpoint{0.03cm}{0.03cm}}{0.03cm}
4342 \pgfusepath{stroke}
4343 \end{pgfpicture}
4344 }

```

(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.

```
4345 \keys_define:nn { gotham / outer }{
4346   %% mini-frames~shape
4347   % mini-frames~shape .choice:,
4348   mini-frames~shape .usage:n = { general },
4349   mini-frames~shape .default:n = { gotham-minibullet },
4350   % \__gotham_set_template:nn{title-page}{#1}
4351   mini-frames~shape .code:n = {
4352     % \__gotham_set_template:nn{mini-frames}{#1}% This can not work since this is an alias, so
4353     \setbeamertemplate{mini-frames}[#1]
4354   },
4355   % mini-frames~shape / unknown .code:n = { \PackageWarning{ gotham } { The-choice-'#1'-is-unknown } }
4356 }
```

(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.

```
4357 \defbeamertemplate*{miniframe-home}{beamer}{
4358   % $\equiv$
4359 }
4360 \defbeamertemplate*{miniframe-current-slide}{beamer}{
4361   \usebeamertemplate{mini-frame}
4362 }
4363 \defbeamertemplate*{miniframe-done-current-section}{beamer}{
4364   \usebeamertemplate{mini-frame-in-current-subsection}
4365 }
4366 \defbeamertemplate*{miniframe-todo-current-section}{beamer}{
4367   \usebeamertemplate{mini-frame-in-current-subsection}
4368 }
4369 \defbeamertemplate*{miniframe-done-other-section}{beamer}{
4370   \usebeamertemplate{mini-frame-in-other-subsection}
4371 }
4372 \defbeamertemplate*{miniframe-todo-other-section}{beamer}{
4373   \usebeamertemplate{mini-frame-in-other-subsection}
4374 }
4375 % Templates about should appear sectioning in mini frame.
4376 % \defbeamertemplate*{miniframe-part}{beamer}{}
4377 \defbeamertemplate*{miniframe-section-current}{beamer}{}
4378 \defbeamertemplate*{miniframe-section-done}{beamer}{}
4379 \defbeamertemplate*{miniframe-section-todo}{beamer}{}
4380 \defbeamertemplate*{miniframe-subsection-current}{beamer}{}
4381 \defbeamertemplate*{miniframe-subsection-todo}{beamer}{}
4382 \defbeamertemplate*{miniframe-subsection-done}{beamer}{}
4383 % \defbeamertemplate*{miniframe-subsubsection}{beamer}{}
4384 \defbeamertemplate*{miniframe-section-done-in-other-section}{default}[1][50]
4385 {
4386   \color{fg!#1!bg}\usebeamertemplate{miniframe-section-done}
4387 }
4388 \defbeamertemplate*{miniframe-section-todo-in-other-section}{default}[1][50]
4389 {
```

```

4390 \color{fg!#1!bg}\usebeamertemplate{miniframe-section-todo}
4391 }
4392 \defbeamertemplate*{miniframe-subsection-done-in-other-section}{default}[1][50]
4393 {
4394 \color{fg!#1!bg}\usebeamertemplate{miniframe-subsection-done}
4395 }
4396 \defbeamertemplate*{miniframe-subsection-todo-in-other-section}{default}[1][50]
4397 {
4398 \color{fg!#1!bg}\usebeamertemplate{miniframe-subsection-todo}
4399 }

```

(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`.

```

4400 \defbeamertemplate{miniframe-home}{gotham-mini}{
4401 \resizebox{0.85\beamer@boxsize}{\beamer@boxsize}{\equiv$}
4402 % \scalebox{0.5}[0.95]{\equiv$}
4403 }
4404 \defbeamertemplate{miniframe-current-slide}{gotham-mini}{
4405 \usebeamercolor{fg}{alerted-text}
4406 \usebeamertemplate{mini-frame}
4407 }
4408 \defbeamertemplate{miniframe-done-current-section}{gotham-mini}{
4409 \usebeamertemplate{mini-frame}
4410 }
4411 \defbeamertemplate{miniframe-todo-current-section}{gotham-mini}{
4412 \usebeamertemplate{mini-frame-in-current-subsection}
4413 }
4414 \defbeamertemplate{miniframe-done-other-section}{gotham-mini}[1][50]{
4415 \color{fg!#1!bg}\usebeamertemplate{mini-frame}
4416 }
4417 \defbeamertemplate{miniframe-todo-other-section}{gotham-mini}[1][50]{
4418 \color{fg!#1!bg}\usebeamertemplate{mini-frame-in-other-subsection}
4419 }
4420 % Templates about should appear sectioning in mini frame.
4421 % \defbeamertemplate{miniframe-part}{gotham-mini}[1][]{
4422 % p
4423 % }
4424 \defbeamertemplate{miniframe-section-current}{gotham-mini}{
4425 \fontsize{3pt}{0pt}\selectfont
4426 % \color{blue}
4427 \tl_use:N \l__gotham_minif_tmpa_tl
4428 \hspace{1.pt}
4429 }
4430 \defbeamertemplate{miniframe-section-done}{gotham-mini}{
4431 \fontsize{3pt}{0pt}\selectfont
4432 % \color{green}
4433 \tl_use:N \l__gotham_minif_tmpa_tl
4434 \hspace{1.pt}
4435 }
4436 \defbeamertemplate{miniframe-section-todo}{gotham-mini}{

```

```

4437 \fontsize{3pt}{0pt}\selectfont
4438 % \color{red}
4439 \tl_use:N \l__gotham_minif_tmpa_tl
4440 \hspace{1.pt}
4441 }
4442 \defbeamertemplate{miniframe-subsection-current}{gotham-mini}{
4443 \usebeamercolor[fg]{alerted-text}
4444 \hspace{-0.15pt}
4445 \resizebox{\beamer@boxsize}{!}{\hspace{-0.75pt}$\blacklozenge$}
4446 }
4447 \defbeamertemplate{miniframe-subsection-todo}{gotham-mini}{
4448 \hspace{-0.15pt}
4449 \resizebox{\beamer@boxsize}{!}{\hspace{-0.75pt}$\lozenge$}
4450 }
4451 \defbeamertemplate{miniframe-subsection-done}{gotham-mini}{
4452 \hspace{-0.15pt}
4453 \resizebox{\beamer@boxsize}{!}{\hspace{-0.75pt}$\blacklozenge$}
4454 }
4455 % \defbeamertemplate{miniframe-subsubsection}{gotham-mini}{
4456 % d
4457 % }

```

(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*.

```

4458 \defbeamertemplate{miniframe-home}{gotham-nano}{
4459 % \resizebox{\beamer@boxsize}{!}{\equiv$}
4460 \scalebox{0.5}[0.95]{\equiv$}
4461 }
4462 \defbeamertemplate{miniframe-current-slide}{gotham-nano}{
4463 o
4464 }
4465 \defbeamertemplate{miniframe-done-current-section}{gotham-nano}{
4466 x
4467 }
4468 \defbeamertemplate{miniframe-todo-current-section}{gotham-nano}{
4469 $\cdot$
4470 }
4471 \defbeamertemplate{miniframe-done-other-section}{gotham-nano}{
4472 x
4473 }
4474 \defbeamertemplate{miniframe-todo-other-section}{gotham-nano}{
4475 $\cdot$
4476 }
4477 % Templates about should appear sectioning in mini frame.
4478 % \defbeamertemplate{miniframe-part}{gotham-nano}[1][]{
4479 % p
4480 % }
4481 \defbeamertemplate{miniframe-section-current}{gotham-nano}{
4482 \tl_use:N \l__gotham_minif_tmpa_tl
4483 }
4484 \defbeamertemplate{miniframe-section-done}{gotham-nano}{

```

```

4485 \tl_use:N \l__gotham_minif_tmpa_tl
4486 }
4487 \defbeamertemplate{miniframe-section-todo}{gotham-nano}{
4488 \tl_use:N \l__gotham_minif_tmpa_tl
4489 }
4490 \defbeamertemplate{miniframe-subsection-current}{gotham-nano}{
4491 \usebeamercolor[fg]{alerted-text}$\diamond$
4492 }
4493 \defbeamertemplate{miniframe-subsection-todo}{gotham-nano}{
4494 $\diamond$
4495 }
4496 \defbeamertemplate{miniframe-subsection-done}{gotham-nano}{
4497 $\diamond$
4498 }

```

(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`.

```

4499 \defbeamertemplateparent{mini-frames-bundle}
4500 { miniframe-home, miniframe-current-slide,
4501 miniframe-done-current-section, miniframe-todo-current-section, miniframe-done-other-section,
4502 miniframe-section-current, miniframe-section-done, miniframe-section-todo,
4503 miniframe-subsection-current, miniframe-subsection-done, miniframe-subsection-todo,
4504 }{}
4505 %\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`.

```

4506 \keys_define:nn { gotham / outer }{
4507 %% mini-frames-bundle
4508 % mini-frames-bundle .choice:,
4509 mini-frames-bundle .usage:n = { general },
4510 mini-frames-bundle .default:n = { gotham-mini },
4511 % \__gotham_set_template:nn{title-page}{#1}
4512 mini-frames-bundle .code:n = {
4513 % \__gotham_set_template:nn{mini-frames}{#1}% This can not work since this is an alias, so
4514 \setbeamertemplate{mini-frames-bundle}[#1]
4515 },
4516 % mini-frames-bundle / unknown .code:n = { \PackageWarning{ gotham } { The-choice-'#1'-is-unknown } }
4517 }

```

(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`.

```

4518 \keys_define:nn { gotham / outer }{
4519 % mini-frames-compress default
4520 mini-frames-compress .choice:,

```

```

4521 mini~frames~compress .usage:n = { general },
4522 mini~frames~compress .default:n = { true },
4523
4524 mini~frames~compress / true .code:n = { \beamer@compresstrue },
4525 mini~frames~compress / on .code:n = { \beamer@compresstrue },
4526 mini~frames~compress / enable .code:n = { \beamer@compresstrue },
4527
4528 mini~frames~compress / false .code:n = { \beamer@compressfalse },
4529 mini~frames~compress / off .code:n = { \beamer@compressfalse },
4530 mini~frames~compress / disable .code:n = { \beamer@compressfalse },
4531
4532 mini~frames~compress / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~u
4533 }

```

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

```

\l__gotham_minif_tmpa_tl Temporary variables used for the store dimension of the miniframe subsection, check if
\gotham@temp@MiniframeSubsecDim the last section treated and the pass the value of the section to the section template.
\gotham@temp@lastSec
4534 \newlength{\gotham@temp@MiniframeSubsecDim}
4535 \newlength{\gotham@temp@MiniframeSecDim}
4536 \def\gotham@temp@lastSec{-1}
4537 \tl_new:N \l__gotham_minif_tmpa_tl
4538 \tl_new:N \l__gotham_minif_tmpb_tl

```

(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.

```
4539 % definition from Beamerbasenavigation.sty
4540 % \def\slideentry#1#2#3#4#5#6{%
4541 \renewcommand{\slideentry}[6]{%
4542   %section number, subsection number, slide number, first/last frame, page number, part num
4543 \ifnum#6=\c@part\ifnum#3>0\ifnum#6=\c@part\ifnum#1>0\ifnum#3>0 MODIF
4544 \ifbeamer@compress%
4545 \advance\beamer@xpos by1\relax%
4546 \else%
4547 \ifnum#2=0%
4548 \beamer@ypos@offset=1\relax%
4549 \fi%
4550 \beamer@xpos=#3\relax%
4551 \beamer@ypos=#2\relax%
4552 \advance\beamer@ypos by \beamer@ypos@offset\relax%
4553 \fi%
4554 %% Add section number and subsection symbol to miniframes.
4555 %% MODIF below, inspired from https://tex.stackexchange.com/questions/722523
4556 \ifnum#3=1\c@subsectionslide=#3 % if =1, so it has been reset => new section or subsection
4557 \ifnum#1>0\ifnum#2<2% => there no subsection in this section.
4558 \ifnum\gotham@temp@lastSec=#1%
4559 % this means, that we already went through: there no subsec, then the first subsec has
4560 \else%
4561 \tl_set:Nn \l__gotham_minif_tmpa_tl {#1}
4562 \settoheight{\gotham@temp@MiniframeSecDim}{\usebeamertemplate{miniframe-section-current}}
4563 % \addtolength{\gotham@temp@MiniframeSecDim}{1.5pt}
4564 \hbox to Opt{%
4565 \beamer@tempdim=-\beamer@vboxoffset%
4566 \advance\beamer@tempdim by-\beamer@boxsize%
4567 \multiply\beamer@tempdim by\beamer@ypos%
4568 \advance\beamer@tempdim by -.05cm%
4569 \raise\beamer@tempdim\hbox{%
4570 \beamer@tempdim=\beamer@boxsize%
4571 \multiply\beamer@tempdim by\beamer@xpos%
4572 \advance\beamer@tempdim by -\beamer@boxsize%
4573 \advance\beamer@tempdim by -\gotham@temp@MiniframeSecDim% NEW
4574 \advance\beamer@tempdim by 1pt%
4575 \kern\beamer@tempdim%
4576 \global\beamer@section@min@dim\beamer@tempdim%
4577 \hbox{\beamer@link(#4){%
4578 % \usebeamertemplate{miniframe-section}%
4579 % if not first page then check if it is the current section.
4580 \ifnum\c@section=#1%
4581 % check if it is the current slide
4582 \ifnum\c@subsectionslide=#3%
4583 \usebeamertemplate{miniframe-section-current}
4584 \else%
4585 \ifnum\c@subsectionslide<#3
4586 \usebeamertemplate{miniframe-section-todo}
4587 \else%
4588 \usebeamertemplate{miniframe-section-done}
4589 \fi%
4590 \fi%
4591 \else% \ifnum\c@section=#1% 112
4592 \ifnum\c@section<#1
4593 \usebeamertemplate{miniframe-section-todo-in-other-section}
4594 \else%
4595 \usebeamertemplate{miniframe-section-done-in-other-section}
4596 \fi%
4597 \fi% \ifnum\c@section=#1
4598 }}%
```


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

```
4759 \providebool{gothamZerosectionframes}  
4760 \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
\sectionentry values.

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

```
4761 \providecommand{\gothamInsertNavlength}{  
4762 % spreading by default  
4763 \ifbool{gothamZerosectionframes}{  
4764 %true  
4765 % spreading  
4766 \hskip-0.5ex-plus~1fill  
4767 }{  
4768 %false  
4769 \hskip-1.875ex~plus-1fill  
4770 }%  
4771 }  
4772 \providecommand{\gothamPatchInsertNav}{  
4773 % Don't patch for now  
4774 \box\beamer@sectionbox\hfil\hskip.3cm  
4775 }  
4776 \providecommand{\gothamPatchSectionentry}{  
4777 % Don't patch for now  
4778 \hskip1.875ex~plus~1fill  
4779 }  
4780 \providecommand{\gothamPatchSectionbox}{  
4781 % Don't patch for now  
4782 \ht\beamer@sectionbox=1.875ex  
4783 \dp\beamer@sectionbox=0.75ex  
4784 }  
4785 \ExplSyntaxOff  
4786 % To let the 0-th section appear.  
4787 \patchcmd{\insertnavigation}{\hskip-1.875ex plus-1fill}{%  
4788 \ifnum\value{section}=0%  
4789 \ifnum\value{framenumber}>0%  
4790 \hskip-0ex%  
4791 \global\booltrue{gothamZerosectionframes}%  
4792 \fi\fi%  
4793 \gothamInsertNavlength%  
4794 }{}{}  
4795 %% Remove hfill between sections => flush right bullet bar, if not corrected.  
4796 \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\gothamPatchSectionentry}{}{}  
4797 %% Centering the bullet bar  
4798 \patchcmd{\insertnavigation}{\box\beamer@sectionbox\hfil\hskip.3cm}{\gothamPatchInsertNav}{  
4799 % Patch size of sectionbox  
4800 \patchcmd{\insertnavigation}{\ht\beamer@sectionbox=1.875ex%  
4801 \dp\beamer@sectionbox=0.75ex%  
4802 }{  
4803 \gothamPatchSectionbox  
4804 }{}{}  
4805 \patchcmd{\sectionentry}{\ht\beamer@sectionbox=1.875ex%
```

```

4806 \dp\beamer@sectionbox=0.75ex%
4807 }{
4808 \gothamPatchSectionbox
4809 }{}{}
4810 \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.

```

4811 \keys_define:nn { gotham / outer }{
4812 % mini-frames-nav-spreading default
4813 mini-frames-nav-spreading .choice:,
4814 mini-frames-nav-spreading .usage:n = { general },
4815 mini-frames-nav-spreading .default:n = { spreading },
4816
4817 mini-frames-nav-spreading / spreading .code:n = {
4818 %
4819 \renewcommand{\gothamInsertNavlength}{
4820 \ifbool{gothamZerosectionframes}{
4821 %true
4822 % spreading
4823 \hskip-0.5ex
4824 }{
4825 %false
4826 \hskip-1.875ex-plus-1fill
4827 }%
4828 }
4829 % No other patch needed, but renewcommand if it has been modified previously.
4830 \renewcommand{\gothamPatchInsertNav}{
4831 % Don't patch for now
4832 \box\beamer@sectionbox\hfil\hskip.3cm
4833 }
4834 \renewcommand{\gothamPatchSectionentry}{
4835 % Don't patch for now
4836 \hskip1.875ex~plus~1fill
4837 }
4838 },
4839 mini-frames-nav-spreading / centering .code:n = {
4840 %
4841 \renewcommand{\gothamInsertNavlength}{
4842 \ifbool{gothamZerosectionframes}{
4843 %true
4844 % centering +patch sectionenty +patch insertnav @sectionbox
4845 \hskip-0.5ex~plus~1fill
4846 }{
4847 %false
4848 % \patchcmd{\insertnavigation}{\hskip-1.875ex plus-1fill}{\hfill}}{}{}
4849 \hfill
4850 }%
4851 }
4852 % Centering the bullet bar
4853 % \patchcmd{\insertnavigation}{\box\beamer@sectionbox\hfil\hskip.3cm}{\box\beamer@section

```

```

4854 \renewcommand{\gothamPatchInsertNav}{
4855   \box\beamer@sectionbox\hfill\hskip.3cm
4856 }
4857 %% Remove hfill between sections => flush right bullet bar, if not corrected.
4858 % \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\hskip 3.5ex}{}{}
4859 \renewcommand{\gothamPatchSectionentry}{
4860   \hskip-3.5ex
4861 }
4862 },
4863 mini~frames~nav~spreading / left .code:n = {
4864   %
4865   \renewcommand{\gothamInsertNavlength}{
4866     \ifbool{gothamZerosectionframes}{
4867       %true
4868       % flush left +patch sectionenty
4869       \hskip-0.5ex
4870     }{
4871       %false
4872       % no patch
4873       \hskip-1.875ex plus-1fill
4874     }%
4875   }
4876   % Centering the bullet bar : NO
4877   % no patch
4878   \renewcommand{\gothamPatchInsertNav}{
4879     \box\beamer@sectionbox\hfil\hskip.3cm
4880   }
4881   %% Remove hfill between sections => flush right bullet bar, if not corrected.
4882   % \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\hskip 3.5ex}{}{}
4883   \renewcommand{\gothamPatchSectionentry}{
4884     \hskip-3.5ex
4885   }
4886 },
4887 mini~frames~nav~spreading / right .code:n = {
4888   %
4889   \renewcommand{\gothamInsertNavlength}{
4890     \ifbool{gothamZerosectionframes}{
4891       %true
4892       % flush right +patch sectionenty
4893       \hskip-0.5ex~plus~1fill
4894     }{
4895       %false
4896       % no patch
4897       \hskip-1.875ex plus-1fill
4898     }%
4899   }
4900   % Centering the bullet bar : NO
4901   % no patch
4902   \renewcommand{\gothamPatchInsertNav}{
4903     \box\beamer@sectionbox\hfil\hskip.3cm
4904   }
4905   %% Remove hfill between sections => flush right bullet bar, if not corrected.
4906   % \patchcmd{\sectionentry}{\hskip1.875ex plus 1fill}{\hskip 3.5ex}{}{}
4907   \renewcommand{\gothamPatchSectionentry}{

```

```

4908   \hskip-3.5ex
4909   }
4910 },
4911 mini~frames~nav~spreading / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'
4912 }

```

(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.

```

4913 \keys_define:nn { gotham / outer }{
4914 % mini~frames~nav~sectioning default
4915 mini~frames~nav~sectioning .choice:,
4916 mini~frames~nav~sectioning .usage:n = { general },
4917 mini~frames~nav~sectioning .default:n = { secsubsection },
4918
4919 mini~frames~nav~sectioning / none .code:n = {
4920 %
4921 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
4922 \__gotham_set_template:nn{section~in~head/foot}{default/empty}
4923 \renewcommand{\gothamPatchSectionbox}{
4924 % patch to set section box height to 0.
4925 \ht\beamer@sectionbox=0pt
4926 \dp\beamer@sectionbox=0pt
4927 }
4928 },
4929 mini~frames~nav~sectioning / section .code:n = {
4930 %
4931 \__gotham_set_template:nn{section~in~head/foot~shaded}{default} %from Beamer
4932 \__gotham_set_template:nn{section~in~head/foot}{default} %from Beamer
4933 },
4934 mini~frames~nav~sectioning / secsubsection .code:n = {
4935 %
4936 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/gotham~secSubsec}
4937 \__gotham_set_template:nn{section~in~head/foot}{default/gotham~secSubsec}
4938 },
4939
4940 mini~frames~nav~sectioning / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'
4941 }

```

(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.

```

4942 \tl_new:N \l__gotham_out_tmp_mfnposi_tl
4943 \tl_new:N \l__gotham_out_tmp_pbar_tl
4944 \keys_define:nn { gotham / outer }{
4945 % mini~frames~nav~position default
4946 mini~frames~nav~position .choice:,
4947 mini~frames~nav~position .usage:n = { general },
4948 mini~frames~nav~position .default:n = { none },
4949
4950 mini~frames~nav~position / none .code:n = {
4951 %

```

```

4952 % reset if it has modified by another progressbar strategy
4953 % \l_gotham_set_prop_template:nn{sidebar~canvas~right/default}#{#1}
4954 \tl_set:Nn \l_gotham_out_tmp_mfnposi_tl {none}
4955
4956 % head
4957 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {head} {
4958   % True: nothing to do it is already occupied.
4959 }{
4960   \setbeamertemplate{headline}[default/\prop_item:Nn \l_gotham_template_name_prop {headli
4961 }
4962 % frametitle
4963 % \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {frametitle} {
4964   % True: nothing to do it is already occupied.
4965 % }{
4966 % \setbeamertemplate{frametitle}[default/\prop_item:Nn \l_gotham_template_name_prop {fra
4967 % }
4968 % foot
4969 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {footline} {
4970   % True: nothing to do it is already occupied.
4971 }{
4972   \setbeamertemplate{footline}[default/\prop_item:Nn \l_gotham_template_name_prop {footlin
4973 }
4974 % left
4975 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {left} {
4976   % True: nothing to do it is already occupied.
4977 }{
4978   \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l_gotham_template_name_prop {sid
4979 }
4980 % right
4981 \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {right} {
4982   % True: nothing to do it is already occupied.
4983 }{
4984   \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l_gotham_template_name_prop {si
4985 }
4986 },
4987 mini-frames~nav~position / head .code:n = {
4988 %
4989 \tl_if_eq:VnTF \l_gotham_out_tmp_mfnposi_tl {head} {
4990   % True: nothing to do it is already done.
4991 }{
4992   % False : remember that choice in order to do not apply it several time and add to beamer
4993   \tl_set:Nn \l_gotham_out_tmp_mfnposi_tl {head}
4994
4995   \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {head} {
4996     % True: nothing to do it is already occupied.
4997   }{
4998     \setbeamertemplate{headline}[default/\prop_item:Nn \l_gotham_template_name_prop {headli
4999   }
5000   % \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {frametitle} {
5001     % True: nothing to do it is already occupied.
5002   % }{
5003     % \setbeamertemplate{frametitle}[default/\prop_item:Nn \l_gotham_template_name_prop {fra
5004   % }
5005   \tl_if_eq:VnTF \l_gotham_out_tmp_pbar_tl {footline} {

```

```

5006     % True: nothing to do it is already occupied.
5007   }{
5008     \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5009   }
5010   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5011     % True: nothing to do it is already occupied.
5012   }{
5013     \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5014   }
5015   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5016     % True: nothing to do it is already occupied.
5017   }{
5018     \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5019   }
5020
5021   %
5022   \addtobeamertemplate{headline}{}{
5023     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5024       \usebeamertemplate*{mini-nav~progress~head/foot}
5025     }{}
5026   }
5027 }
5028 },
5029 mini~frames~nav~position / foot .code:n = {
5030   %
5031   \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5032     % True: nothing to do it is already done.
5033   }{
5034     % False : remember that choice in order to do not apply it several time and add to beamer
5035     \tl_set:Nn \l__gotham_out_tmp_mfnposi_tl {foot}
5036
5037     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5038       % True: nothing to do it is already occupied.
5039     }{
5040       \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5041     }
5042     % \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5043     % % True: nothing to do it is already occupied.
5044     % }{
5045     % \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fr
5046     % }
5047     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5048       % True: nothing to do it is already occupied.
5049     }{
5050       \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5051     }
5052     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5053       % True: nothing to do it is already occupied.
5054     }{
5055       \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5056     }
5057     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5058       % True: nothing to do it is already occupied.
5059     }{

```

```

5060     \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5061   }
5062
5063   \addtobeamertemplate{footline}{}{
5064     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5065       \usebeamertemplate*{mini~nav~progress~head/foot}
5066     }{}
5067   }
5068 }
5069 },
5070 mini~frames~nav~position / left .code:n = {
5071   %
5072   \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5073     % True: nothing to do it is already done.
5074   }{
5075     % False : remember that choice in order to do not apply it several time and add to beamer
5076     \tl_set:Nn \l__gotham_out_tmp_mfnposi_tl {left}
5077
5078     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5079       % True: nothing to do it is already occupied.
5080     }{
5081       \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5082     }
5083     % \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5084     % % True: nothing to do it is already occupied.
5085     % }{
5086     % \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fr
5087     % }
5088     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5089       % True: nothing to do it is already occupied.
5090     }{
5091       \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5092     }
5093     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5094       % True: nothing to do it is already occupied.
5095     }{
5096       \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5097     }
5098     \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5099       % True: nothing to do it is already occupied.
5100     }{
5101       \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5102     }
5103
5104     %
5105     \addtobeamertemplate{sidebar~left}{}{
5106       \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5107         \usebeamertemplate*{mini~nav~progress~left}
5108       }{}
5109     }
5110   }
5111 },
5112 mini~frames~nav~position / right .code:n = {
5113   %

```

```

5114 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5115 % True: nothing to do it is already done.
5116 }{
5117 % False : remember that choice in order to do not apply it several time and add to beamer
5118 \tl_set:Nn \l__gotham_out_tmp_mfnposi_tl {right}
5119
5120 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5121 % True: nothing to do it is already occupied.
5122 }{
5123 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5124 }
5125 % \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5126 % % True: nothing to do it is already occupied.
5127 % }{
5128 % \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fr
5129 % }
5130 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5131 % True: nothing to do it is already occupied.
5132 }{
5133 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5134 }
5135 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5136 % True: nothing to do it is already occupied.
5137 }{
5138 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5139 }
5140 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5141 % True: nothing to do it is already occupied.
5142 }{
5143 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5144 }
5145
5146 %
5147 \addtobeamertemplate{sidebar~right}{}{
5148 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5149 \usebeamertemplate*{mini-nav~progress~right}
5150 }{
5151 }
5152 }
5153 },
5154
5155 mini-frames~nav~position / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~
5156 }

```

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

Progress bar

`\gothamProgressHeadFootLineheight` Lengths used in tikz rectangle.

```

5157 \newlength{\gotham@progressinheadfoot}
5158 \newlength{\gothamProgressHeadFootLineheight}
5159 \setlength{\gothamProgressHeadFootLineheight}{1.2ex}

```

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

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

```
5160 \bool_new:N \l_gotham_ProgCircleMoving_bool
5161 \bool_set_true:N \l_gotham_ProgCircleMoving_bool
5162
5163 \bool_new:N \l_gotham_progbar_advancement_tlbr_bool
5164 \bool_set_true:N \l_gotham_progbar_advancement_tlbr_bool
5165
5166 \bool_new:N \l_gotham_pmf_n_bool
5167 \bool_set_false:N \l_gotham_pmf_n_bool
```

*(End of definition for `\l_gotham_ProgCircleMoving_bool`, `\l_gotham_progbar_advancement_tlbr_bool`,
and `\l_gotham_pmf_n_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.

```
5168 % #1: 'linewidth'
5169 \cs_new_protected:Npn \_gotham_rectangle_box_progressbar:n #1
5170 {
5171 %
5172 \setlength{\gotham@progressinheadfoot}{
5173 #1 * \ratio{\insertframenumber pt}{\inserttotalframenumber pt}
5174 }
5175
5176 %
5177 \begin{beamercolorbox}[wd=#1]{progress~bar~in~head/foot}
5178 \begin{tikzpicture}
5179 \usebeamercolor{progress~bar~in~head/foot}
5180
5181 % gray rectangle in the background.
5182 \fill[color=progress~bar~in~head/foot.bg]
5183 (Opt, Opt) rectangle ++ (#1, \gothamProgressHeadFootLineheight)
5184 ;
5185
5186 \bool_if:NTF \l_gotham_progbar_advancement_tlbr_bool {
5187 % from left to right
5188 % orange rectangle progressing
5189 \fill[color=progress~bar~in~head/foot.fg]
5190 (Opt, Opt) rectangle ++ (\gotham@progressinheadfoot, \gothamProgressHeadFootLineheight)
5191 ;
5192 }{
5193 % from right to left
5194 % orange rectangle progressing
5195 \fill[color=progress~bar~in~head/foot.fg]
5196 (#1, \gothamProgressHeadFootLineheight) rectangle ++ (-\gotham@progressinheadfoot, -\go
5197 ;
5198 }
5199
5200 \bool_if:NTF \l_gotham_pmf_n_bool {
5201 % progress miniframes navigation is on.
5202 \node at (#1/2, \gothamProgressHeadFootLineheight/2)
5203 [text-height=0.1pt, text-depth=0.05pt, inner-sep=0pt] %draw=red,
5204 {
5205 \usebeamercolor[fg]{normal~text}
5206 % \fontsize{3.5pt}{0pt}\selectfont
5207 \raisebox{0.5\gothamProgressHeadFootLineheight+1.4pt}[0pt][0pt]{
5208 %\dohead
5209 \hfuzz=#1
5210 \insertnavigation{#1}
5211 }
5212 }
5213 ;
5214 }{
5215 % false
5216 % nothing to do since progress miniframes navigation is off.
5217 }
5218 \end{tikzpicture}
5219 \end{beamercolorbox}
5220 }
```

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*.

```
5221 \defbeamertemplate{progress-bar~in-head/foot}{gotham-rectangle}{
5222 \nointerlineskip
5223 \_gotham_rectangle_box_progressbar:n {\paperwidth}
5224 }
```

(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*.

```
5225 \defbeamertemplate{progress-bar~in-left}{gotham-rectangle}{
5226 \nointerlineskip
5227
5228 \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5229 \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5230
5231 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
5232
5233 \vspace{0.12275\paperheight}
5234 \rotatebox{90}{
5235 \_gotham_rectangle_box_progressbar:n {\gotham@temp@PaperheightFrametitle}
5236 }
5237 }
5238 \defbeamertemplate{progress-bar~in~right}{gotham-rectangle}{
5239 \nointerlineskip
5240
5241 \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5242 \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5243
5244 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-\
5245
5246 \hspace{-\gothamProgressHeadFootLineheight}
5247 \vspace{\gotham@temp@heightFrametitle-27.75pt}
5248 \rotatebox{-90}{
5249 \_gotham_rectangle_box_progressbar:n {\gotham@temp@PaperheightFrametitle}
5250 }
5251 }
```

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

`_gotham_rounded_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.

```
5252 % #1: 'linewidth'
5253 % #2: ratio of the progress bar
5254 % #3: colorbox name
5255 % #4: command for percent of progress
5256 \cs_new_protected:Npn \_gotham_rounded_box_progressbar:nnnn #1#2#3#4
5257 {
5258   \setlength{\gotham@progressinheadfoot}{
5259     #2#1 * \ratio{\insertframenumber pt}{\inserttotalframenumber pt}
5260   }
5261
5262   % 1.035\gothamProgressHeadFootLineheight is to include the border inside the box.
5263   \begin{beamercolorbox}[wd=#1, ht=1.035\gothamProgressHeadFootLineheight]{#3}
5264     \; \hfill
5265     %\tikzexternaldisable%
5266     \begin{tikzpicture}[rounded~corners=0.5\gothamProgressHeadFootLineheight, very~thin]
5267       \usebeamercolor{progress~bar~in~head/foot}
5268
5269       % gray rectangle in the background.
5270       \shade[top~color=progress~bar~in~head/foot.bg!65, bottom~color=progress~bar~in~head/foot.
5271         (Opt, Opt) rectangle ++ (#2#1, \gothamProgressHeadFootLineheight)
5272       ;
5273
5274       \bool_if:NTF \l_gotham_progbar_advancement_tlbr_bool {
5275         % from left to right
5276         % orange rectangle progressing
5277         \shade[draw=progress~bar~in~head/foot.fg, top~color=progress~bar~in~head/foot.fg!70, bot
5278         (Opt, Opt) rectangle ++ (\gotham@progressinheadfoot, \gothamProgressHeadFootLineheight)
5279       ;
5280       }{
5281         % from right to left
5282         % orange rectangle progressing
5283         \shade[draw=progress~bar~in~head/foot.fg, top~color=progress~bar~in~head/foot.fg!70, bot
5284         (#2#1, \gothamProgressHeadFootLineheight) rectangle ++ (-\gotham@progressinheadfoot, -\
5285       ;
5286       }
5287
5288       \bool_if:NTF \l_gotham_pmf_n_bool {
5289         % progress miniframes navigation is on.
5290         \node at (#2#1/2, \gothamProgressHeadFootLineheight/2)
5291           [text~height=0.1pt, text~depth=0.05pt, inner~sep=0pt] %draw=red,
5292           {
5293             \usebeamercolor[fg]{normal~text}
5294             % \fontsize{3.5pt}{0pt}\selectfont
5295             \raisebox{0.5\gothamProgressHeadFootLineheight+1.4pt}[0pt][0pt]{
5296               \hfuzz=#2#1           124
5297               %\dohead
5298               \insertnavigation{#2#1}
5299             }
5300           }
5301       ;
5302       }{
5303         % false
5304         % 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*.

```
5312 \defbeamertemplate{progress-bar-in-head/foot}{gotham-rounded-box}{
5313 \nointerlineskip
5314 \_gotham_rounded_box_progressbar:nnnn {\paperwidth}{0.93}{footline}{
5315 \hfill
5316 \raisebox{0.5\gothamProgressHeadFootLineheight-1.75pt}[0pt][0pt]{
5317 \fontsize{5pt}{0pt}\selectfont
5318 \usebeamercolor[fg]{normal~text}
5319 \fp_eval:n {round(\insertframenummer*100/\inserttotalframenummer,0)}\,\,%
5320 }
5321 }
5322 % \_gotham_rounded_box_progressbar:nnnn {\paperwidth}{0.53}{progress-bar-in-head/foot}{}
5323 }
```

(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*.

```
5324 \defbeamertemplate{progress-bar-in~left}{gotham-rounded-box}{
5325 \nointerlineskip
5326
5327 \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5328 \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5329
5330 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-
5331
5332 \vspace{0.12275\paperheight}
5333 % \hspace{\gothamProgressHeadFootLineheight}
5334 \rotatebox{90}{
5335 \_gotham_rounded_box_progressbar:nnnn {\gotham@temp@PaperheightFrametitle}{0.89}{footline
5336 \hfill
5337 \raisebox{0.5\gothamProgressHeadFootLineheight-1.75pt}[0pt][0pt]{
5338 \fontsize{5pt}{0pt}\selectfont
5339 \fp_eval:n {round(\insertframenummer*100/\inserttotalframenummer,0)}\,\,%
5340 }
5341 }
5342 }
5343 }
5344 \defbeamertemplate{progress-bar-in-right}{gotham-rounded-box}{
5345 \nointerlineskip
5346
5347 \settoheight{\gotham@temp@heightFrametitle}{\gotham@strut}
5348 \addtolength{\gotham@temp@heightFrametitle}{\gothamFrametitleToppading+\gothamFrametitleBot
5349
5350 \setlength{\gotham@temp@PaperheightFrametitle}{\paperheight-\gotham@temp@heightFrametitle-
5351
5352 \hspace{-\gothamProgressHeadFootLineheight-0.2pt}
5353 \vspace{\gotham@temp@heightFrametitle-27.75pt}
5354 \rotatebox{-90}{
```

```

5355 \__gotham_rounded_box_progressbar:nnnn {\gotham@temp@PaperheightFrametitle}{0.89}{footline
5356 \hfill
5357 \raisebox{0.5\gothamProgressHeadFootLineheight-1.75pt}[0pt][0pt]{
5358 \fontsize{5pt}{0pt}\selectfont
5359 \fp_eval:n {round(\insertframenum*100/\inserttotalframenum,0)}\,\,%
5360 }
5361 }
5362 }
5363 }

```

(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 5364 %the height of the header is 1.8 times the lineheight of the frame title
\gothamProgressCircBorderWidth 5365 \newlength{\gothamProgressCircHeight}
5366 \setlength{\gothamProgressCircHeight}{1.8\baselineskip}
5367 %\setlength{\gothamProgressCircHeight}{2\baselineskip}
5368 \newlength{\gothamCounterCircleRadius}
5369 \setlength{\gothamCounterCircleRadius}{1.12ex}
5370 % width of the border
5371 \newlength{\gothamProgressCircBorderWidth}
5372 \setlength{\gothamProgressCircBorderWidth}{1.65mm}
5373
5374 %% Induced length used internally, but can still be tuned manually by inspired people.
5375 % radius of the logo
5376 \newlength{\gothamProgressCircLogoRadius}
5377 \setlength{\gothamProgressCircLogoRadius}{1.2\gothamProgressCircHeight/2}
5378 % inner radius of border of the logo frame
5379 \newlength{\gothamProgressCircLogoInnerRadius}
5380 \setlength{\gothamProgressCircLogoInnerRadius}{1.1\gothamProgressCircLogoRadius}
5381 % radius of the outer border of the logo frame
5382 \newlength{\gothamProgressCircLogoOuterRadius}
5383 \setlength{\gothamProgressCircLogoOuterRadius}{\gothamProgressCircLogoInnerRadius+\gothamPro
5384 % radius of the counters
5385 \newlength{\gothamCounterRadius}
5386 \setlength{\gothamCounterRadius}{\gothamProgressCircLogoInnerRadius/2+\gothamProgressCircLogo

```

(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.
5387 % \fp_new:N \l_gotham_ratio_progress_fp
5388 \fp_new:N \l_gotham_ratio_progresscircle_fp
5389 % the angle token by the counter radius
5390 \fp_new:N \l_gotham_angle_counterradius_fp
5391 % requires xfp for asind
5392 \fp_set:Nn \l_gotham_angle_counterradius_fp {
5393 \fp_eval{ 2* asind (\gothamCounterCircleRadius / (2*\gothamCounterRadius)) }
5394 }

```

(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.

```
5395 \providecommand{\gothamInstituteLogoCircle}[1][4ex]{  
5396   \includegraphics[height=#1]{gotham-logo.pdf}  
5397 }
```

\gothamProgressCircle Internal command plotting the circle progress and that is used internal in the instituteL-
ogo template within the frametitle template.

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

```
5398 \providecommand{\gothamProgressCircle}{
5399 % \tikzexternaldisable
5400 \begin{tikzpicture}[remember~picture,overlay]
5401 % Load colors
5402 \usebeamercolor{standin}
5403 \usebeamercolor{frametitle}
5404 \usebeamercolor{progress~bar~in~head/foot}
5405
5406 % Define center
5407 \coordinate (localCenter);
5408 % draw the outer circle
5409 \fill[fill=progress~bar~in~head/foot.bg] (localCenter) circle (\gothamProgressCircLogoRadius);
5410 % draw the inner circle
5411 \fill[fill=frametitle.bg] (localCenter) circle (\gothamProgressCircLogoInnerRadius);
5412 \node at (localCenter) {\gothamInstituteLogoCircle[1.9\gothamProgressCircLogoRadius]};
5413
5414 %% draw progress circle/bar
5415 \bool_if:NTF \l_gotham_ProgCircleMoving_bool {
5416 % the circular counter with a moving counter
5417
5418 %% compute the angle for the progress circle
5419 \bool_if:NTF \l_gotham_progbar_advancement_tlbr_bool {
5420 \fp_set:Nn \l_gotham_ratio_progresscircle_fp {(360)*\insertframenumber/\inserttotalframenumber}
5421 }{
5422 %\else% clockwise rotation
5423 \fp_set:Nn \l_gotham_ratio_progresscircle_fp {(360)*(\insertframenumber/\inserttotalframenumber)}
5424 }
5425 %\fi
5426
5427 % draw the arc progress bar
5428 \draw[
5429 color=progress~bar~in~head/foot.fg,
5430 line~width=0.6*\gothamProgressCircBorderWidth
5431 ]
5432 (localCenter)
5433 ++
5434 ([
5435 xshift=\gothamCounterRadius
5436 ]localCenter)
5437 arc[
5438 radius=\gothamCounterRadius,
5439 start~angle=0,
5440 end~angle={\fp_eval:n \l_gotham_ratio_progresscircle_fp}
5441 ]
5442 ;
5443
5444 % draw a point at the beginning of the progress circle
5445 \fill[fill=frametitle.bg]
5446 ([
5447 xshift={\gothamCounterRadius}
5448 ]localCenter.center)
5449 circle (0.3*\gothamProgressCircBorderWidth)
5450 ;
5451 % place the current frame number
5452 \node[
5453 % fill=standin.bg, draw=progress~bar~in~head/foot.bg, thick, circle, minimum~width={\gothamCounterRadius}
5454 ]
5455 (pagenumframe) at (
5456 [rotate=
5457 {\fp_eval:n {\l_gotham_ratio_progresscircle_fp}},
5458 xshift=\gothamCounterRadius,
5459 yshift=\gothamCounterRadius]
5460 )
5461 {
5462 \textcircled{\text{#1}}
5463 }
5464 ;
5465 }
```


outer_key_ interface Controls the outer settings for progress bar.

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

```
5554 % token list to remember what is the current state
5555 % \tl_new:N \l__gotham_out_tmp_pbar_tl
5556 \keys_define:nn { gotham / outer }{
5557 % progressbar~position default
5558 progressbar~position .choice:,
5559 progressbar~position .usage:n = { general },
5560 progressbar~position .default:n = { none },
5561
5562 progressbar~position / none .code:n = {
5563 % reset if it has modified by another progressbar~position strategy
5564 % \__gotham_set_prop_template:nn{sidebar~canvas~right/default}{#1}
5565 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {none}
5566
5567 % head
5568 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5569 % True: nothing to do it is already occupied.
5570 }{
5571 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headline}]
5572 }
5573 % frametitle
5574 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5575 % % True: nothing to do it is already occupied.
5576 % }{
5577 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {frametitle}]
5578 % }
5579 % foot
5580 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5581 % True: nothing to do it is already occupied.
5582 }{
5583 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footline}]
5584 }
5585 % left
5586 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5587 % True: nothing to do it is already occupied.
5588 }{
5589 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {sidebar~left}]
5590 }
5591 % right
5592 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5593 % True: nothing to do it is already occupied.
5594 }{
5595 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {sidebar~right}]
5596 }
5597
5598 % logo
5599 \__gotham_set_prop_template:nn{includeLogo/default}{gotham~square}
5600 % section in head
5601 \setbeamertemplate{section~in~head/foot~shaded}[default/\prop_item:Nn \l__gotham_template_name_prop {section~in~head/foot~shaded}]
5602 \setbeamertemplate{section~in~head/foot}[default/\prop_item:Nn \l__gotham_template_name_prop {section~in~head/foot}]
5603 },
5604 progressbar~position / head .code:n = {
5605 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
```

```

5606 % True: nothing to do it is already done.
5607 } {
5608 % False : remember that choice in order to do not apply it several time and add to beamer
5609 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {head}
5610
5611 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5612 % True: nothing to do it is already occupied.
5613 }{
5614 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5615 }
5616 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5617 % % True: nothing to do it is already occupied.
5618 % }{
5619 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5620 % }
5621 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5622 % True: nothing to do it is already occupied.
5623 }{
5624 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5625 }
5626 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5627 % True: nothing to do it is already occupied.
5628 }{
5629 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5630 }
5631 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5632 % True: nothing to do it is already occupied.
5633 }{
5634 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5635 }
5636
5637 %
5638 \addtobeamertemplate{headline}{}{
5639 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {head} {
5640 \usebeamertemplate*{progress-bar-in-head/foot}
5641 }{}
5642 }
5643 }
5644 },
5645 progressbar~position / frametitle .code:n = {
5646 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5647 % True: nothing to do it is already done.
5648 } {
5649 % False : remember that choice in order to do not apply it several time and add to beamer
5650 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {frametitle}
5651
5652 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5653 % True: nothing to do it is already occupied.
5654 }{
5655 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5656 }
5657 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5658 % % True: nothing to do it is already occupied.
5659 % }{

```

```

5660 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5661 % }
5662 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5663 % True: nothing to do it is already occupied.
5664 }{
5665 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5666 }
5667 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5668 % True: nothing to do it is already occupied.
5669 }{
5670 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5671 }
5672 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5673 % True: nothing to do it is already occupied.
5674 }{
5675 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5676 }
5677
5678 %
5679 \addtobeamertemplate{frametitle}{}{
5680 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {frametitle} {
5681 \usebeamertemplate*{progress~bar~in~head/foot}
5682 }{}
5683 }
5684 }
5685 },
5686 progressbar~position / foot .code:n = {
5687 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5688 % True: nothing to do it is already done.
5689 } {
5690 % False : remember that choice in order to do not apply it several time and add to beamer
5691 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {footline}
5692
5693 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5694 % True: nothing to do it is already occupied.
5695 }{
5696 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5697 }
5698 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5699 % % True: nothing to do it is already occupied.
5700 % }{
5701 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5702 % }
5703 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5704 % True: nothing to do it is already occupied.
5705 }{
5706 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5707 }
5708 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5709 % True: nothing to do it is already occupied.
5710 }{
5711 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5712 }
5713 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {

```

```

5714 % True: nothing to do it is already occupied.
5715 }{
5716 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5717 }
5718
5719 %
5720 \addtobeamertemplate{footline}{}{
5721 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {footline} {
5722 \usebeamertemplate*{progress~bar~in~head/foot}
5723 }{}
5724 }
5725 }
5726 },
5727 progressbar~position / circlehead .code:n = {
5728 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {circlehead} {
5729 % True: nothing to do it is already done.
5730 } {
5731 % False : remember that choice in order to do not apply it several time and add to beamer
5732 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {circlehead}
5733
5734 %
5735 %%\prop_put:Nnn \l__gotham_template_name_SAVE_prop {includeLogo/default} {gotham~square}
5736 \__gotham_set_prop_template:nn{includeLogo/default}{gotham~circle}
5737 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/gotham~secSubsec}
5738 \__gotham_set_template:nn{section~in~head/foot}{default/gotham~secSubsec}
5739 % \__gotham_set_template:nn{headline}{default/gotham~section}
5740 % \setbeamertemplate{headline}[default/gotham~section]
5741
5742 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5743 % True: it is already occupied, so let's emulate the gotham section
5744 \addtobeamertemplate{headline}{}{
5745 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {circlehead} {
5746 \begin{beamercolorbox}[wd=1.0\paperwidth, ht=2.5ex, dp=1.4ex, left]{headfoot}
5747 \usebeamerfont{section~in~head/foot}\hspace*{3.5ex}
5748 \usebeamertemplate{section~in~head/foot}
5749 \end{beamercolorbox}
5750 }{}
5751 }
5752 }{
5753 % \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {head
5754 \__gotham_set_template:nn{headline}{default/gotham~section}
5755 }
5756 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5757 % % True: nothing to do it is already occupied.
5758 % }{
5759 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5760 % }
5761 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5762 % True: nothing to do it is already occupied.
5763 }{
5764 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5765 }
5766 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5767 % True: nothing to do it is already occupied.

```

```

5768   }{
5769     \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5770   }
5771   \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5772     % True: nothing to do it is already occupied.
5773   }{
5774     \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5775   }
5776   }
5777 },
5778 progressbar~position / left .code:n = {
5779   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5780     % True: nothing to do it is already done.
5781   } {
5782     % False : remember that choice in order to do not apply it several time and add to beamer
5783     \tl_set:Nn \l__gotham_out_tmp_pbar_tl {left}
5784
5785     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5786       % True: nothing to do it is already occupied.
5787     }{
5788       \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5789     }
5790     % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5791     % % True: nothing to do it is already occupied.
5792     % }{
5793     \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5794     % }
5795     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5796       % True: nothing to do it is already occupied.
5797     }{
5798       \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5799     }
5800     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5801       % True: nothing to do it is already occupied.
5802     }{
5803       \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5804     }
5805     \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5806       % True: nothing to do it is already occupied.
5807     }{
5808       \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5809     }
5810
5811     %
5812     \addtobeamertemplate{sidebar~left}{}{
5813       \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {left} {
5814         \usebeamertemplate*{progress~bar~in~left}
5815       }{}
5816     }
5817   }
5818 },
5819 progressbar~position / right .code:n = {
5820   \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5821     % True: nothing to do it is already done.

```

```

5822 } {
5823 % False : remember that choice in order to do not apply it several time and add to beamer
5824 \tl_set:Nn \l__gotham_out_tmp_pbar_tl {right}
5825
5826 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {head} {
5827 % True: nothing to do it is already occupied.
5828 }{
5829 \setbeamertemplate{headline}[default/\prop_item:Nn \l__gotham_template_name_prop {headli
5830 }
5831 % \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {frametitle} {
5832 % % True: nothing to do it is already occupied.
5833 % }{
5834 \setbeamertemplate{frametitle}[default/\prop_item:Nn \l__gotham_template_name_prop {fram
5835 % }
5836 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {foot} {
5837 % True: nothing to do it is already occupied.
5838 }{
5839 \setbeamertemplate{footline}[default/\prop_item:Nn \l__gotham_template_name_prop {footli
5840 }
5841 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {left} {
5842 % True: nothing to do it is already occupied.
5843 }{
5844 \setbeamertemplate{sidebar~left}[default/\prop_item:Nn \l__gotham_template_name_prop {si
5845 }
5846 \tl_if_eq:VnTF \l__gotham_out_tmp_mfnposi_tl {right} {
5847 % True: nothing to do it is already occupied.
5848 }{
5849 \setbeamertemplate{sidebar~right}[default/\prop_item:Nn \l__gotham_template_name_prop {s
5850 }
5851
5852 %
5853 \addtobeamertemplate{sidebar~right}{}{
5854 \tl_if_eq:VnTF \l__gotham_out_tmp_pbar_tl {right} {
5855 \usebeamertemplate*{progress~bar~in~right}
5856 }{}
5857 }
5858 }
5859 },
5860
5861 progressbar~position / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~u
5862 }

```

(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.

```

5863 % token list to remember what is the current state
5864 \keys_define:nn { gotham / outer }{
5865 % progressbar~style default
5866 progressbar~style .choice:,
5867 progressbar~style .usage:n = { general },
5868 progressbar~style .default:n = { rectangle },
5869
5870 progressbar~style / rectangle .code:n = {

```

```

5871 %
5872 % \defbeamertemplate*{progress-bar-in-head/foot}{gotham-rectangle}
5873 \__gotham_set_template:nn{progress-bar-in-head/foot}{gotham-rectangle}
5874 \__gotham_set_template:nn{progress-bar-in-left}{gotham-rectangle}
5875 \__gotham_set_template:nn{progress-bar-in-right}{gotham-rectangle}
5876 },
5877
5878 progressbar~style / rounded-box .code:n = {
5879 %
5880 \__gotham_set_template:nn{progress-bar-in-head/foot}{gotham-rounded-box}
5881 \__gotham_set_template:nn{progress-bar-in-left}{gotham-rounded-box}
5882 \__gotham_set_template:nn{progress-bar-in-right}{gotham-rounded-box}
5883 },
5884
5885 progressbar~style / moving-circle .code:n = {
5886 %
5887 \bool_set_true:N \l_gotham_ProgCircleMoving_bool
5888 },
5889
5890 progressbar~style / fixed-circle .code:n = {
5891 %
5892 \bool_set_false:N \l_gotham_ProgCircleMoving_bool
5893 },
5894
5895 progressbar~style / unknown .code:n = { \PackageWarning{ gotham } { The-choice-#1'-is-unknown } }
5896 }

```

(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.

```

5897 % token list to remember what is the current state
5898 \keys_define:nn { gotham / outer }{
5899 % progressbar~advancement default
5900 progressbar~advancement .choice:,
5901 progressbar~advancement .usage:n = { general },
5902 progressbar~advancement .default:n = { tlbr },
5903
5904 progressbar~advancement / tlbr .code:n = {
5905 %
5906 \bool_set_true:N \l_gotham_progbar_advancement_tlbr_bool
5907 },
5908 progressbar~advancement / TLBR .code:n = {
5909 %
5910 \bool_set_true:N \l_gotham_progbar_advancement_tlbr_bool
5911 },
5912
5913 progressbar~advancement / brlt .code:n = {
5914 %
5915 \bool_set_false:N \l_gotham_progbar_advancement_tlbr_bool
5916 },
5917 progressbar~advancement / BRLT .code:n = {
5918 %
5919 \bool_set_false:N \l_gotham_progbar_advancement_tlbr_bool

```

```

5920 },
5921
5922 progressbar~advancement / unknown .code:n = { \PackageWarning{ gotham } { The~choice-~'#1'-i
5923 }

```

(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.

```

5924 % token list to remember what is the current state
5925 \keys_define:nn { gotham / outer }{
5926 % progressbar~mfndefault
5927 progressbar~mfndefault .choice:,
5928 progressbar~mfndefault .usage:n = { general },
5929 progressbar~mfndefault .default:n = { off },
5930
5931 progressbar~mfndefault / true .code:n = {
5932 \bool_set_true:N \l_gotham_pmfndefault_bool
5933
5934 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
5935 \__gotham_set_template:nn{section~in~head/foot}{default/empty}
5936 \renewcommand{\gothamPatchSectionbox}{
5937 % patch to set section box height to 0.
5938 \ht\beamer@sectionbox=0.ex
5939 \dp\beamer@sectionbox=0.ex
5940 }
5941 },
5942 progressbar~mfndefault / on .code:n = {
5943 \bool_set_true:N \l_gotham_pmfndefault_bool
5944
5945 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
5946 \__gotham_set_template:nn{section~in~head/foot}{default/empty}
5947 \renewcommand{\gothamPatchSectionbox}{
5948 % patch to set section box height to 0.
5949 \ht\beamer@sectionbox=0.ex
5950 \dp\beamer@sectionbox=0.ex
5951 }
5952 },
5953 progressbar~mfndefault / enable .code:n = {
5954 \bool_set_true:N \l_gotham_pmfndefault_bool
5955
5956 \__gotham_set_template:nn{section~in~head/foot~shaded}{default/empty}
5957 \__gotham_set_template:nn{section~in~head/foot}{default/empty}
5958 \renewcommand{\gothamPatchSectionbox}{
5959 % patch to set section box height to 0.
5960 \ht\beamer@sectionbox=0.ex
5961 \dp\beamer@sectionbox=0.ex
5962 }
5963 },
5964
5965 progressbar~mfndefault / false .code:n = { \bool_set_false:N \l_gotham_pmfndefault_bool },
5966 progressbar~mfndefault / off .code:n = { \bool_set_false:N \l_gotham_pmfndefault_bool },
5967 progressbar~mfndefault / disable .code:n = { \bool_set_false:N \l_gotham_pmfndefault_bool },
5968

```



```

5969 progressbar~mfn / unknown .code:n = { \PackageWarning{ gotham } { The~choice~'#1'~is~unknown
5970 }

```

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

Default_␣outer_␣keys Apply default key options.

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

```

5971 % when no value is given, default is called.
5972 \keys_set:nn { gotham / outer } {
5973 sidebar~canvas~right~template, sidebar~canvas~left~template,
5974 edging~default,
5975 frametitle~template, framesubtitle~template, frametitle~continuation~template,
5976 numbering,
5977 rotateFooter~default,
5978 footer~template,
5979 mini~frames~shape, mini~frames~bundle,
5980 mini~frames~compress,
5981 mini~frames~nav~spreading,
5982 mini~frames~nav~sectioning,
5983 mini~frames~nav~position,
5984 progressbar~position, progressbar~style, progressbar~advancement, progressbar~mfn,
5985 }

```

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

Process_␣outer_␣keys Process package options.

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

```

5986 \ProcessKeyOptions[ gotham / outer ]
5987 % \mode<all>

```

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

```

5988 %\endinput
5989 </outer>

5990 <*package>
5991 \RequirePackage{expl3}
5992 % \RequirePackage{ifxetex}
5993 % \RequirePackage{ifluatex}
5994 % \RequirePackage{etoolbox}
5995 % \RequirePackage{xcolor}
5996 % \RequirePackage{tikz}
5997 % \RequirePackage{calc} % I think I can remove it with a bit of work
5998 % \RequirePackage{xfp}

5999 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
6000 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% PACKAGE %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
6001 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
6002 %
6003 %

```

Most options are passed off to the component sub-packages.

```

6004
6005 %
6006 \usefonttheme{gotham}
6007 \usecolortheme{gotham}
6008 \useinnertheme{gotham}
6009 \useoutertheme{gotham}
6010 %
6011 %
6012 %
6013
6014 %%%% Setting keys %%%%
6015
6016 % set new counter for how many time the lookup is used
6017 \int_new:N \l_gotham_lookup_cnt
6018 \int_set:Nn \l_gotham_lookup_cnt {0}
6019
6020 \seq_const_from_clist:Nn \c__gotham_load_submodules_seq { font, color, inner, outer }
6021
6022 \cs_new_protected:Npn \__gotham_lookup_keymodules:nn #1#2
6023 {
6024   \int_incr:N \l_gotham_lookup_cnt
6025   % \int_show:n \l_gotham_lookup_cnt
6026
6027   % if lookup counter is lower than the number of submodules-1 [before it was +1, not complet
6028   \if_int_compare:w \l_gotham_lookup_cnt < 2
6029     %true : do nothing
6030   \else:
6031     % \int_show:n \l_gotham_lookup_cnt
6032     \seq_map_inline:Nn \c__gotham_load_submodules_seq
6033     {
6034       \keys_if_exist:nnT { gotham / ##1 } {#1}
6035       {
6036         % missing feature in l3keys, we have no better way to detect an omitted value, so we hav
6037         \tl_if_empty:nTF {#2}
6038         { \keys_set:nn { gotham / ##1 } { #1 } }
6039         { \keys_set:nn { gotham / ##1 } { #1 = {#2} } }
6040         \prg_break:
6041       }
6042     }
6043     \msg_error:nnn { gotham } { unknown-key } {#1}
6044     \prg_break_point:
6045     \fi:
6046   }
6047   \cs_generate_variant:Nn \__gotham_lookup_keymodules:nn { Vn }
6048   \msg_new:nnn { gotham } { unknown-key } { Unknown~ key~ #1~ encountered. }
6049
6050   % Property list for all groups.
6051   \prop_new:N \l__gotham_all_all_user_keys_prop
6052   \prop_const_from_keyval:Nn \c__gotham_all_pkg_keys_prop {
6053
6054   \keys_define:nn { gotham / all / all }
6055   {
6056     unknown .code:n =

```

```

6057 {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6058 }
6059
6060 % Set default keys/options from keyval
6061 % \__gotham_set_default_from_keyval: variant, keyval, group command
6062 \cs_new_protected:Npn \__gotham_set_default_from_keyval:nnn #1 #2 #3
6063 { %%
6064 % Check if keyvalues have been given.
6065 \tl_if_novalue:nTF {#2}
6066 { % no user keys given so _user_keys_prop is taking pkg prop
6067 \prop_set_eq:cc { l__gotham_#3_#1_user_keys_prop } { c__gotham_#3_pkg_keys_prop }
6068 }{ % user key given and put it in prop
6069 \prop_put_from_keyval:cn { l__gotham_#3_#1_user_keys_prop } {#2}
6070 }% end if
6071 %
6072 % xx
6073 \__gotham_set_default_auxi:cnn { l__gotham_#3_#1_user_keys_prop } {#1} {#3}
6074 %
6075 % xx
6076 \keys_set:nn { gotham/#3/#1 } { default }
6077 }
6078 %
6079 % prop-key-val, variant, group command
6080 \cs_new_protected:Npn \__gotham_set_default_auxi:Nnn #1 #2 #3
6081 {
6082 \__gotham_set_default_auxii:fnn { \prop_to_keyval:N #1 } {#2} {#3}
6083 }
6084 \cs_generate_variant:Nn \__gotham_set_default_auxi:Nnn { c }
6085 %
6086 % key-val, variant, group command
6087 \cs_new_protected:Npn \__gotham_set_default_auxii:nnn #1 #2 #3
6088 {
6089 \keys_define:nn { gotham/#3/#2 } { default .meta:n = {#1} }
6090 }
6091 \cs_generate_variant:Nn \__gotham_set_default_auxii:nnn { f }
6092 %
6093 %
6094 % (re)set keys/options by default for a group of commands.
6095 % \gothamset m:options:#1
6096 \DeclareDocumentCommand{\gothamset}{m}
6097 {
6098 \__gotham_set_default_from_keyval:nnn { all } {#1} { all }
6099 \keys_set:nn { gotham/all/all } { default }
6100 }
6101
6102 \def\gotham@plaintitleformat#1{#1}
6103 \providecommand{\mreducelistspacing}{\vspace{-\topsep}}
6104
6105 \ProcessOptionsBeamer
6106 \keys_define:nn { gotham / font }
6107 {
6108 unknown .code:n =
6109 {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6110 }

```

```

6111 \keys_define:nn { gotham / color }
6112 {
6113   unknown .code:n =
6114   {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6115 }
6116 \keys_define:nn { gotham / inner }
6117 {
6118   unknown .code:n =
6119   {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6120 }
6121 \keys_define:nn { gotham / outer }
6122 {
6123   unknown .code:n =
6124   {\__gotham_lookup_keymodules:Vn \l_keys_key_str {#1}}
6125 }
6126
6127 \ProcessKeyOptions[ gotham / font ]
6128 \ProcessKeyOptions[ gotham / color ]
6129 \ProcessKeyOptions[ gotham / inner ]
6130 \ProcessKeyOptions[ gotham / outer ]
6131
6132 %

```

`\gothamreset`

#1 : height of the picture

Command to be redefined by users.

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

```
6133 \DeclareDocumentCommand{\gothamreset}{m}{
6134 % commands
6135 \renewcommand{\gothamInstituteLogoSquare}[1][4ex]{ }
6136 \renewcommand{\gothamInstituteLogoCircle}[1][4ex]{ }
6137 \renewcommand{\gothamHookPostColorBGSet}{
6138 \colorlet{colorStandout}{colorA}
6139 \colorlet{colorFrametitle}{colorA}
6140 \colorlet{colorProgBar}{colorC}
6141 \setbeamercolor{frametitle}{
6142 use=primary~palette,
6143 parent=primary~palette,
6144 bg=colorFrametitle,
6145 fg=colorBG
6146 }
6147 \setbeamercolor{standout}{bg=colorStandout, fg=colorPale}
6148 }
6149 \renewcommand{\gothamtitlepagelogo}{}
6150 \renewcommand{\gothamtitlepagebg}{}
6151 \renewcommand{\gothamRightFiligrane}{}
6152 \renewcommand{\gothamLeftFiligrane}{}
6153 \renewcommand{\gothamHookFooter}{}
6154
6155 % lengths
6156 \setlength{\gothamProgressSectionHeight}{3pt}
6157 \setlength{\sectionhoffset}{0pt}
6158 \setlength{\sidebarRightHOffset}{-2.5ex}
6159 \setlength{\sidebarLeftHOffset}{+0.5ex}
6160 \setlength{\gothamFrametitleToppading}{2.2ex}
6161 \setlength{\gothamFrametitleBottompadding}{2.2ex}
6162 \setlength{\gothamFrametitleLeftpadding}{2.2ex}
6163 \setlength{\gothamFrametitleRightpadding}{2.2ex}
6164 \setlength{\gothamFramesubtitleStrutend}{0pt}
6165 \setlength{\gothamFootlineVOffset}{-0.5ex}
6166 \setlength{\gothamFootlineDepth}{0.1ex}
6167 \setlength{\gothamFootlineHeight}{1.5ex}
6168 \setlength{\gothamFootlineHRightOffset}{\spaceskip}
6169 \setlength{\gothamHposLeftRotFooter}{-7pt}
6170 \setlength{\gothamHposRightRotFooter}{2pt}
6171 \setlength{\gothamVposLeftRotFooter}{15pt}
6172 \setlength{\gothamVposRightRotFooter}{15pt}
6173 \setlength{\gothamLeftFooterPadding}{2.0ex}
6174 \setlength{\gothamRightFooterPadding}{3.5ex}
6175 \setlength{\gothamFooterHOffset}{0pt}
6176 \setlength{\gothamFootlineRuleLeftPadding}{7mm}
6177 \setlength{\gothamFootlineRuleHeight}{0.0pt}
6178 \setlength{\gothamFootlineRuleLength}{15mm}
6179 \setlength{\gothamProgressCircHeight}{1.8\baselineskip}
6180 \setlength{\gothamCounterCircleRadius}{1.12ex}
6181 \setlength{\gothamProgressCircBorderWidth}{1.65mm}
6182 \setlength{\gothamCircleNumberingVshift}{1.4mm}
6183 \setlength{\gothamCircleNumberingHshift}{2.6mm}
6184 \setlength{\gothamProgressHeadFootLineheight}{1.2ex}
6185
6186 % options to default
6187 \keys_set:nn { gotham/all/all } { default }
6188 }
```

```
6189 %\endinput
6190 \endpackage
```