

The `sblreport` Class

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Abstract

`sblreport` provides a LaTeX class for producing theses conforming to the style required by the Society of Biblical Literature. It depends on `sblfonts` for language support and `biblatex-sbl` for referencing.

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1 Introduction

The `sblreport` class creates a thesis matching the style specified in the *Student Supplement for The SBL Handbook of Style, Second Edition*. See <https://www.sbl-site.org/wp-content/uploads/2025/04/SBLHSsupp2015-02.pdf>.

The class works with both `pdflatex` and the Unicode engines, but in order to make use of the SBL fonts you need to install them and use a Unicode engine (`lualatex` is recommended, especially for Hebrew).

This class is not intended to be a general flexible starting point for the requirements of all theological colleges and seminaries. In such cases you are better off beginning with the `report` class and loading `biblatex-sbl` and (possibly) `sblfonts` directly. You could use the code in this class as a guide.

1.1 Usage

Load the class using `\documentclass{sblreport}`. See `sbltex-thesis.pdf` in the documentation directory for an extended usage example.

The following standard commands and environments have been customised for this class:

- `\author`, `\title`, `\maketitle`
- `\tableofcontents`, `\listoffigure`, `\listoftables`
- `\section`, `\subsection`, `\subsubsection`, `\paragraph`, `\subparagraph`
- `\appendix`
- `\footnote`
- `\caption`
- `\printbibliography`, `\printbiblist{abbreviations}`
- `abstract`, `quotation`, `quote`

American, Greek and Hebrew are set up using `sblfonts` (and `babel`). A different main language can be chosen by passing the `babel` language name to the class.

1.2 Acknowledgements

The `sblreport` class depends on a number of other packages:

- `sblfonts` (with `fontspec`, `fontenc` and `babel`), `biblatex-sbl` (with `biblatex`)
- `csquotes`, `geometry`, `setspace`, `ragged2e`, `fancyhdr`
- When `\DocumentMetadata` is not in use: `caption`, `footmisc`, `titlesec`, `titletoc`

1.3 Bug Reports and Feature Requests

Bug reports and feature requests can be made at the `sbltex` GitHub repository. See <https://github.com/dcpurton/sbltex>.

Note: This class is only partially compatible with the L^AT_EX tagging project at this stage. As the tagging project stabilises and dependent packages are updated, compatibility will improve.

2 Package Commands

`\degree` `\degree {<Degree name>}`

Set the name of the degree the thesis is for. This is included on the title page.

`\institution` `\institution {<Institution name>}`

Set the name of the institution the thesis will be submitted at. This is included on the title page.

3 Package Environments

`acknowledgements` `\begin {<acknowledgements>}`
`\end {<acknowledgements>}`

Add an Acknowledgements page to the thesis. The name of the section can be changed by redefining `\acknowledgementsname`.

`approvalpage` `\begin {<approvalpage>}`
`\end {<approvalpage>}`

Add an approval page to the thesis. This page is empty by default.

`copyrightpage` `\begin {<copyrightpage>}`
`\end {<copyrightpage>}`

Add a copyright page to the thesis. This page is empty by default.

`dedication` `\begin {<dedication>}`
`\end {<dedication>}`

Add a dedication to the thesis. This page is empty by default.

`epigraph` `\begin {<epigraph>}`
`\end {<epigraph>}`

Add an epigraph to the thesis. This page is empty by default.

`preface` `\begin {<preface>}`
`\end {<preface>}`

Add an Preface to the thesis. The name of the section can be changed by redefining `\prefacename`.

4 Package Options

Items passed to the options below are *appended* to the default options rather than replacing them.

Any unrecognised options passed to the `sbreport` class are passed through to the report class.

biblatex `biblatex = {⟨arguments⟩}` Default: `{style=sbl, language=auto, autolang=hyphen}`

These options are passed to the biblatex package.

See the biblatex-sbl package documentation for a full description of supported options and usage.

sblfonts `sblfonts = {⟨arguments⟩}`

Options to pass to the sblfonts package.

The defaults depend on whether the engine in use is 8bit or Unicode:

8bit defaults:

```
{
  mainfont=tempora,
  grfont=Alegreya-LF,
  hefont=frank
}
```

Unicode defaults:

```
{
  mainfont=TeXGyreTermesX,
  mainfontoptions={Extension=.otf, UprightFont=*-Regular,
    ItalicFont=*-Italic, BoldFont=*-Bold,
    BoldItalicFont=*-BoldItalic},
  sblfonts=true
}
```

Note that you will need to download and install the SBL fonts yourself from <https://www.sbl-site.org/resources/fonts/>.

5 Implementation

```
1 <*class>
2 <@@=sblreport>
3 \NeedsTeXFormat{LaTeX2e}
4 \ProvidesExplClass{sblreport}{2026-04-04}{1.0}
5   {Society of Biblical Literature Report Class (DCP)}
6 \clist_new:N \l__sblreport_options_to_report_class_clist
7 \keys_define:nn { sblreport }
8   {
9     , biblatex .clist_set:N = \l__sblreport_options_to_biblatex_clist
10    , sblfonts .clist_set:N = \l__sblreport_options_to_sblfonts_clist
11    , unknown .code:n = {
12      \clist_put_right:No
13      \l__sblreport_options_to_report_class_clist
14      { \CurrentOption }
15    }
16  }
17 \ProcessKeyOptions
```

Set default options.

```

18 \clist_put_left:Nn \l__sblreport_options_to_report_class_clist
19 {
20   , 12pt
21   , titlepage
22 }

23 \clist_put_left:Nn \l__sblreport_options_to_biblatex_clist
24 {
25   , style = sbl
26   , language = auto
27   , autolang = hyphen
28 }

29 \sys_if_engine_opentype:TF
30 {
31   \clist_put_left:Nn \l__sblreport_options_to_sblfonts_clist
32   {
33     , mainfont = TeXGyreTermesX
34     , mainfontoptions = {
35       , Extension = .otf
36       , UprightFont = *-Regular
37       , ItalicFont = *-Italic
38       , BoldFont = *-Bold
39       , BoldItalicFont = *-BoldItalic
40     }
41     , sblfonts = true
42   }
43 }
44 {
45   \clist_put_left:Nn \l__sblreport_options_to_sblfonts_clist
46   {
47     , mainfont = tempora
48     , grfont = Alegreya-LF
49     , hefont = frank
50   }
51 }

```

Load report class.

```

52 \exp_args:No \PassOptionsToClass
53 { \l__sblreport_options_to_report_class_clist }
54 { report }
55 \LoadClass { report }

```

Font and language set up.

```

56 \exp_args:No \PassOptionsToPackage
57 { \l__sblreport_options_to_sblfonts_clist }
58 { sblfonts }
59 \RequirePackage { sblfonts }

```

biblatex set up.

```

60 \exp_args:No \PassOptionsToPackage
61 { \l__sblreport_options_to_biblatex_clist }
62 { biblatex }
63 \RequirePackage { biblatex }
64 \RequirePackage { csquotes }

```

5.1 Margins

```
65 \RequirePackage [ margin = 1in, headheight = 14.5pt ] { geometry }
```

5.2 Text layout

```
66 \RequirePackage { setspace }
67 \RequirePackage { ragged2e }
68 \doublespacing
69 \frenchspacing
70 \dim_set:Nn \RaggedRightParindent { 0.5in }
71 \dim_set:Nn \RaggedLeftParindent { 0.5in }
72 \dim_set:Nn \JustifyingParindent { 0.5in }
73 \RaggedRight
74 \sloppy
75 \raggedbottom
76 \sys_if_engine_luatex:F
77 {
78   \AddBabelHook [ hebrew ] { sblreport } { afterextras }
79   {
80     \raggedleft
81     \parindent 0.5in
82   }
83   \AddBabelHook { sblreport } { afterextras } { \RaggedRight }
84 }
```

5.3 Headers and footers

```
85 \RequirePackage { fancyhdr }
86 \pagestyle { fancy }
87 \fancyhf { }
88 \fancyhead [ R ] { \thepage }
89 \cs_set_nopar:Npn \headrulewidth { 0pt }
90 \cs_set_nopar:Npn \sectionmark #1
91 {
92   \markboth
93   { \int_compare:nNnT
94     { \c@secnumdepth } > { \c_zero_int }
95     { \thesection \skip_horizontal:n { 1em } }
96     #1
97   }
98   { }
99 }
```

5.4 Footnotes

Different handling is required for footnotes when tagging code is loaded.

```
100 \IfDocumentMetadataTF
101 {
102   \hook_gput_code:nnn { fntext / para } { sblreport }
103   { \RaggedRight }
104   \socket_new_plug:nnn { fntext / mark } { sblreport }
105   {
106     \skip_horizontal:N \footnotemargin
107     \@thefnmark . \enspace
108   }
109 }
```

```

109 \socket_assign_plug:nn { fntext / mark } { sblreport }
110 \socket_assign_plug:nn
111   { build / column / outputbox }
112   { floats-space-footnotes }
113 }
114 {
115   \RequirePackage [ bottom, ragged ] { footmisc }
116   \cs_set:Npn \@makefntext #1
117     {
118       \dim_set_eq:NN \parindent \footnotemargin
119       \@thefnmark . \enspace
120       \footnotelayout #1
121     }
122 }
123 \dim_set:Nn \footnotemargin { 0.5in }
124 \cs_set:Npn \footnoterule
125   {
126     \kern -3pt
127     \hrule width 2in
128     \kern 2.6pt
129     \vskip -8pt
130   }
131 \dim_set:Nn \footnotesep { 20pt }

```

5.5 Captions

```

132 \skip_set:Nn \abovecaptionskip { 6pt }
133 \skip_set:Nn \belowcaptionskip { 6pt }
134 \cs_set:Npn \thefigure
135   {
136     \arabic { figure }
137   }
138 \cs_set:Npn \thetable
139   {
140     \arabic { table }
141   }
142 \counterwithout { figure } { chapter }
143 \counterwithout { table } { chapter }
144 \IfDocumentMetadataTF
145   {
146     \NewSocketPlug { caption / label } { sblreport }
147     {
148       \small
149       #1:~
150     }
151     \AssignSocketPlug { caption / label } { sblreport }
152   }
153   {
154     \RequirePackage [ font = small , skip = 6pt ] { caption }
155   }

```

5.6 Block quotes

```

156 \IfDocumentMetadataTF

```

```

157 {
158   \hook_gput_code:nnn { begindocument / before } { sblreport }
159   {
160     \RenewDocumentEnvironment { quotation } { !O { } }
161     {
162       \UseInstance { blockenv } { quotation }
163       {
164         , begin-extra-vspace = 0pt
165         , begin-vspace = 0pt
166         , left-margin = 0.5in
167         , right-margin = 0pt
168         , para-indent = 0.5in
169         , para-vspace = 0pt
170         , final-code = \singlespacing
171                       \vspace* { -5pt }
172                       \ignorespaces
173         , #1
174       }
175     }
176     { \endblockenv }
177   \RenewDocumentEnvironment { quote } { !O { } }
178   {
179     \UseInstance { blockenv } { quote }
180     {
181       , begin-extra-vspace = 0pt
182       , begin-vspace = 0pt
183       , left-margin = 0.5in
184       , right-margin = 0pt
185       , para-indent = 0pt
186       , para-vspace = 7pt
187       , final-code = \singlespacing
188                     \vspace* { -5pt }
189                     \ignorespaces
190       , #1
191     }
192   }
193   { \endblockenv }
194 }
195 }
196 {
197   \renewenvironment { quotation }
198   {
199     \list { }
200     {
201       \dim_set:Nn \leftmargin { 0.5in }
202       \dim_zero:N \rightmargin
203       \dim_zero:N \topsep
204       \dim_zero:N \partopsep
205       \dim_zero:N \itemsep
206       \dim_zero:N \parsep
207       \dim_set:Nn \itemindent { 0.5in }
208       \dim_set:Nn \listparindent { 0.5in }
209     }
210   \item \relax

```



```

211     \singlespacing
212     \vspace* { -5pt }
213   }
214   {
215     \endlist
216   }

217 \renewenvironment { quote }
218 {
219   \list { }
220   {
221     \dim_set:Nn \leftmargin { 0.5in }
222     \dim_zero:N \rightmargin
223     \dim_zero:N \topsep
224     \dim_zero:N \partopsep
225     \dim_zero:N \itemsep
226     \dim_set:Nn \parsep { 7pt }
227     \dim_zero:N \itemindent
228     \dim_zero:N \listparindent
229   }
230   \item \relax
231   \singlespacing
232   \vspace* { -5pt }
233 }
234 {
235   \endlist
236 }
237 }

```

5.7 Title page

```

238 \tl_new:N \g__sblreport_degree_tl
239 \tl_new:N \g__sblreport_institution_tl

240 \cs_new_protected:Npn \degree #1
241 {
242   \tl_gset:Nn \g__sblreport_degree_tl { #1 }
243 }

244 \cs_new_protected:Npn \institution #1
245 {
246   \tl_gset:Nn \g__sblreport_institution_tl { #1 }
247 }

248 \author { [Your ~ Name] }
249 \title { Title ~ of ~ Paper }
250 \tl_gset:Nn \g__sblreport_degree_tl { [Degree ~ Name] }
251 \tl_gset:Nn \g__sblreport_institution_tl { [Name ~ of ~ Institution] }

252 \cs_set_protected:Npn \maketitle
253 {
254   \newgeometry { top=2in, bottom=2in }
255   \pagenumbering { roman }
256   \thispagestyle { empty }
257   \group_begin:
258     \singlespacing
259     \centering

```

```

260     \MakeUppercase { \g_sblreport_institution_tl } \para_end:
261     \vfill
262     \doublespacing
263     \MakeUppercase { \@title } \para_end:
264     \vfill
265     \singlespacing
266     \MakeUppercase { Submitted ~ to ~ the ~ Faculty } \para_end:
267     \MakeUppercase { in ~ Partial ~ Fulfilment ~ of ~ the } \para_end:
268     \MakeUppercase { Requirements ~ for ~ the ~ Degree } \para_end:
269     \MakeUppercase { \g_sblreport_degree_tl } \para_end:
270     \vfill
271     \MakeUppercase { By } \para_end:
272     \MakeUppercase { \@author } \para_end:
273     \MakeUppercase { \@date } \para_end:
274     \group_end:
275     \restoregeometry
276 }

```

5.8 Front matter environments

```

277 \RenewDocumentEnvironment { abstract } { }
278 {
279     \chapter* { \abstractname }
280     \addcontentsline { toc } { chapter } { \abstractname }
281 }
282 { }

283 \cs_set_nopar:Npn \acknowledgementsname { Acknowledgements }
284 \NewDocumentEnvironment { acknowledgements } { }
285 {
286     \chapter* { \acknowledgementsname }
287     \addcontentsline { toc } { chapter } { \acknowledgementsname }
288 }
289 { }

290 \cs_set_nopar:Npn \prefacename { Preface }
291 \NewDocumentEnvironment { preface } { }
292 {
293     \chapter* { \prefacename }
294     \addcontentsline { toc } { chapter } { \prefacename }
295 }
296 { }

297 \NewDocumentEnvironment { copyrightpage } { }
298 {
299     \clearpage
300     \thispagestyle { empty }
301 }
302 { }

303 \NewDocumentEnvironment { approvalpage } { }
304 {
305     \clearpage
306     \thispagestyle { empty }
307 }
308 { }

```

```

309 \NewDocumentEnvironment { dedication } { }
310 {
311   \clearpage
312   \thispagestyle { empty }
313 }
314 { }

```

```

315 \NewDocumentEnvironment { epigraph } { }
316 {
317   \clearpage
318   \thispagestyle { empty }
319 }
320 { }

```

5.9 Section titles

These two functions ensure consistent spacing after section headings whether body paragraph text follows or another section heading follows.

```

321 \cs_new_nopar:Nn \__sblreport_before_head_correction:
322 {
323   \hook_gclear_next_code:n { para / before }
324 }
325 \cs_new_nopar:Nn \__sblreport_after_head_correction:
326 {
327   \vspace* { -5.5pt }
328   \hook_gput_next_code:nn { para / before } { \vspace* { 5.5pt } }
329 }

```

For documents using `\DocumentMetadata` use standard kernel commands to redefine section headings, otherwise use the `titlesec` package.

```

330 \IfDocumentMetadataTF
331 {
332   \cs_set:Npn \section
333   {
334     \hook_gput_next_code:nn { para / end }
335     { \dim_zero:N \hangindent }
336     \__sblreport_before_head_correction:
337     \hook_gput_next_code:nn { para / after }
338     { \__sblreport_after_head_correction: }
339     \@startsection { section } { 1 } { 0pt } { -37pt } { 1sp }
340     { \singlespacing \normalfont \normalsize \bfseries \centering }
341   }
342   \cs_set:Npn \subsection
343   {
344     \hook_gput_next_code:nn { para / end }
345     { \dim_zero:N \hangindent }
346     \__sblreport_before_head_correction:
347     \hook_gput_next_code:nn { para / after }
348     { \__sblreport_after_head_correction: }
349     \@startsection { subsection } { 2 } { 0pt } { -37pt } { 1sp }
350     { \singlespacing \normalfont \normalsize \centering }
351   }
352   \cs_set:Npn \subsubsection
353   {

```

```

354     \_sblreport_before_head_correction:
355     \hook_gput_next_code:nn { para / after }
356     { \_sblreport_after_head_correction: }
357     \@startsection { subsection } { 3 } { Opt } { -37pt } { 1sp }
358     { \singlespacing \normalfont \normalsize \bfseries \itshape }
359     }
360 \cs_set:Npn \paragraph
361 {
362     \_sblreport_before_head_correction:
363     \hook_gput_next_code:nn { para / end } { \strut }
364     \@startsection { paragraph } { 4 } { Opt } { -37pt } { 1sp }
365     { \singlespacing \normalfont \normalsize }
366     }
367 \cs_set:Npn \subparagraph
368 {
369     \@startsection { subparagraph } { 5 } { Opt } { -37pt } { -1em }
370     { \singlespacing \normalfont \normalsize \bfseries }
371     }

```

Redefine \@chapter and \@schapter to format chapter headings.

```

372 \cs_set_nopar:Npn \@chapter [#1]#2
373 {
374     \_sblreport_if_page_numbering:nT { roman }
375     { \pagenumbering { arabic } }
376     \mode_leave_vertical:
377     \par
378     \addvspace { 37pt }
379     \int_compare:nNnTF { \c@secnumdepth } > { -1 }
380     {
381         \refstepcounter { chapter }
382         \addcontentsline { toc } { chapter }
383         { \chaptername \space \thechapter : \enspace #1 }
384     }
385     {
386         \addcontentsline { toc } { chapter } {#1}
387     }
388     \group_begin:
389     \dim_zero:N \parindent
390     \centering
391     \interlinepenalty 10000
392     \normalfont
393     \int_compare:nNnT { \c@secnumdepth } > { -1 }
394     {
395         \MakeUppercase { \chaptername } \nobreakspace \thechapter
396         \par
397         \nobreak
398     }
399     \singlespacing
400     \MakeUppercase {#2}
401     \hook_gput_next_code:nn { para / after }
402     { \_sblreport_after_head_correction: }
403     \markboth { } { }
404     \par
405     \group_end:

```

```

406     \nobreak
407     \skip_vertical:n { 39pt }
408     \@afterheading
409 }
410 \cs_set_nopar:Npn \@schapter #1
411 {
412     \mode_leave_vertical:
413     \par
414     \advspace { 37pt }
415     \group_begin:
416         \dim_zero:N \parindent
417         \centering
418         \interlinepenalty 10000
419         \normalfont
420         \singlespacing
421         \MakeUppercase {#1}
422         \hook_gput_next_code:nn { para / after }
423             { \__sblreport_after_head_correction: }
424     \par
425     \group_end:
426     \nobreak
427     \skip_vertical:n { 39pt }
428     \@afterheading
429 }
430 }
431 {
432     \RequirePackage { titlesec }
433     \titlespacing* { \chapter }      { Opt } { 41pt } { 37pt }
434     \titlespacing* { \section }     { Opt } { 37pt } { 0pt }
435     \titlespacing* { \subsection }  { Opt } { 37pt } { 0pt }
436     \titlespacing* { \subsubsection } { Opt } { 37pt } { 0pt }
437     \titlespacing* { \paragraph }   { Opt } { 37pt } { 0pt }
438     \titlespacing* { \subparagraph } { Opt } { 37pt } { 0pt }
439     \titleformat
440     { \chapter }
441     [ display ]
442     { \normalfont \normalsize \singlespacing \filcenter }
443     {
444         \__sblreport_if_page_numbering:nT { roman }
445         { \pagenumbering { arabic } }
446         \MakeUppercase { \chaptername } \space \thechapter
447     }
448     { 12pt }
449     { \MakeUppercase }
450     [ \__sblreport_after_head_correction: ]
451     \titleformat
452     { \section }
453     [ block ]
454     {
455         \__sblreport_before_head_correction:
456         \normalfont \normalsize \singlespacing \bfseries \filcenter
457     }
458     { \thesection }

```

```

459     { 0.5em }
460   { }
461   [ \_sblreport_after_head_correction: ]
462 \titleformat
463   { \subsection }
464   [ block ]
465   {
466     \_sblreport_before_head_correction:
467     \normalfont \normalsize \singlespacing \filcenter
468   }
469   { \thesubsection }
470   { 0.5em }
471   { }
472   [ \_sblreport_after_head_correction: ]
473 \titleformat
474   { \subsubsection }
475   [ block ]
476   {
477     \_sblreport_before_head_correction:
478     \normalfont \normalsize \singlespacing \bfseries \itshape \filright
479   }
480   { \thesubsubsection }
481   { 0.5em }
482   { }
483   [ \_sblreport_after_head_correction: ]
484 \titleformat
485   { \paragraph }
486   [ block ]
487   {
488     \_sblreport_before_head_correction:
489     \normalfont \normalsize \singlespacing \filright
490   }
491   { \theparagraph }
492   { 0.5em }
493   { }
494 \titleformat
495   { \subparagraph }
496   [ runin ]
497   { \normalfont \normalsize \bfseries }
498   { \thesubparagraph }
499   { 1em }
500   { }
501 }

```

5.10 Table of contents and list of figures/tables

```

502 \int_set:Nn \c@tocdepth { 2 }
503 \hook_gput_code:nnn { cmd / @starttoc / before } { sblreport }
504 {
505   \hook_gput_next_code:nn { cmd / @input / before }
506   { \singlespacing }
507 }
508 \cs_set:Npn \tableofcontents

```

```

509 {
510   \chapter* { \contentsname }
511   \@mkboth
512     { \contentsname }
513     { \contentsname }
514   \@starttoc { toc }
515 }

516 \cs_set:Npn \listoffigures
517 {
518   \chapter* { \listfigurename }
519   \addcontentsline { toc } { chapter } { \listfigurename }
520   \@mkboth
521     { \listfigurename }
522     { \listfigurename }
523   \@starttoc { lof }
524 }

525 \cs_set:Npn \listoftables
526 {
527   \chapter* { \listtablename }
528   \addcontentsline { toc } { chapter } { \listtablename }
529   \@mkboth
530     { \listtablename }
531     { \listtablename }
532   \@starttoc { lot }
533 }

```

For documents using `\DocumentMetadata` use standard kernel commands to redefine table of contents lines, otherwise use the `titletoc` package.

```

534 \IfDocumentMetadataTF
535 {
536   \text_declare_expand_equivalent:Nn \numberline
537     {
538       \exp_not:n { \numberline }
539     }
540   \hook_gput_code:nnn { cmd / @dottedtocline / before }
541     { sblreport }
542     {
543       \addvspace { \baselineskip }
544     }
545   \hook_gput_code_with_args:nnn { contentsline / text / after }
546     { sblreport }
547     {
548       \int_compare:nNnT {#1} > { -1 }
549       {
550         \cs_set_nopar:Npn \leaders ##1 ##2 { }
551         \hook_gput_next_code:nn { cmd / SuspendTagging / after }
552           {
553             \cs_set_nopar:Npn \leaders ##1 ##2 { }
554           }
555       }
556     }
557   \cs_set_nopar:cpn { contentsline@text@0@format }
558     { \MakeUppercase }

```

```

559 \cs_set_nopar:Npn \numberline #1
560 {
561   \hook_use:nnw { contentsline / number / before } { 1 } {#1}
562   #1 \enspace
563   \hook_use:nnw { contentsline / number / after } { 1 } {#1}
564 }
565 \cs_set_nopar:Npn \l@chapter
566 {
567   \@dottedtocline { 0 } { 0em } { 0em }
568 }
569 \cs_set_nopar:Npn \l@section
570 {
571   \@dottedtocline { 1 } { 1em } { 0em }
572 }
573 \cs_set_nopar:Npn \l@subsection
574 {
575   \@dottedtocline { 2 } { 2em } { 0em }
576 }
577 \cs_set_nopar:Npn \l@subsubsection
578 {
579   \@dottedtocline { 3 } { 3em } { 0em }
580 }
581 \cs_set_nopar:Npn \l@paragraph
582 {
583   \@dottedtocline { 4 } { 4em } { 0em }
584 }
585 \cs_set_nopar:Npn \l@subparagraph
586 {
587   \@dottedtocline { 5 } { 5em } { 0em }
588 }
589 \cs_set_nopar:Npn \l@figure
590 {
591   \@dottedtocline { 1 } { 0em } { 0em }
592 }
593 \cs_set_eq:NN \l@table \l@figure
594 }
595 {
596   \RequirePackage { titletoc }

```

`_sblreport_hyperlink:nn` $\{\langle link \rangle\} \{\langle text \rangle\}$

A convenience version of `\hyperlink` that just uses $\langle text \rangle$ if `hyperref` isn't loaded.

```

597 \cs_new_protected:Nn \_sblreport_hyperlink:nn
598 {
599   \cs_if_exist_use:NTF \hyperlink
600     { { #1 } { #2 } }
601     { #2 }
602 }

```

(End of definition for `_sblreport_hyperlink:nn`.)

```

603 \titlecontents { figure }
604 [ Opt ]
605 { \singlepadding \filright }
606 {

```



```

607     \__sblreport_hyperlink:nn
608     { \Hy@tocdestname }
609     { \makebox [ 2em ] [ r ] { \thecontentslabel . \enspace } }
610   }
611   { }
612   { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
613 \titlecontents { table }
614 [ Opt ]
615 { \singlespacing \filright }
616 {
617   \__sblreport_hyperlink:nn
618   { \Hy@tocdestname }
619   { \makebox [ 2em ] [ r ] { \thecontentslabel . \enspace } }
620 }
621 { }
622 { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
623 \titlecontents { chapter }
624 [ Opt ]
625 { \singlespacing \filright }
626 {
627   \__sblreport_hyperlink:nn
628   { \Hy@tocdestname }
629   {
630     \MakeUppercase { \chaptername } \space
631     \thecontentslabel : \enspace
632   }
633   \MakeUppercase
634 }
635 { \MakeUppercase }
636 { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
637 \titlecontents { section }
638 [ 1em ]
639 { \singlespacing \filright }
640 { }
641 { }
642 { \hfill \contentspage }
643 \titlecontents { subsection }
644 [ 2em ]
645 { \singlespacing \filright }
646 { }
647 { }
648 { \hfill \contentspage }
649 \titlecontents { subsubsection }
650 [ 3em ]
651 { \singlespacing \filright }
652 { }
653 { }
654 { \hfill \contentspage }
655 \titlecontents { paragraph }
656 [ 4em ]
657 { \singlespacing \filright }
658 { }
659 { }
660 { \hfill \contentspage }

```

```

661 \titlecontents { subparagraph }
662 [ 5em ]
663 { \singlespacing \filright }
664 { }
665 { }
666 { \hfill \contentspage }
667 }

```

5.11 Appendices

Set up appendix headings and table of contents.

```

668 \cs_set_eq:NN \sblreport@hyperlink \_sblreport_hyperlink:n
669 \newcounter { sblreport@appendix@count }

670 \cs_new_protected:Nn \_sblreport_set_up_appendices:
671 {
672   \cs_set_nopar:Npn \chaptername { \appendixname }
673   \addtocontents { toc } { \def \protect \chaptername { \appendixname } }
674   \int_compare:nNnT { \c@sblreport@appendix@count } = { \c_one_int }
675   {
676     \int_zero:N \c@sblreport@appendix@count
677   }
678   \IfDocumentMetadataTF
679   {
680     \cs_set_nopar:Npn \@chapter [##1]##2
681     {
682       \mode_leave_vertical:
683       \par
684       \advspace { 37pt }
685       \stepcounter { sblreport@appendix@count }
686       \int_compare:nNnTF { \c@secnumdepth } > { -1 }
687       {
688         \refstepcounter { chapter }
689         \protected@write \auxout
690         { }
691         {
692           \string \setcounter
693           { sblreport@appendix@count } { \the \c@chapter }
694         }
695         \addcontentsline { toc } { chapter }
696         {
697           \chaptername
698           \ifnum \c@sblreport@appendix@count > 1
699             \space \thechapter
700           \fi
701           : \enspace ##1
702         }
703       }
704       {
705         \addcontentsline { toc } { chapter } {##1}
706       }
707     \group_begin:
708     \dim_zero:N \parindent
709     \centering

```

```

710         \interlinepenalty 10000
711         \normalfont
712         \int_compare:nNnT { \c@secnumdepth } > { -1 }
713         {
714             \MakeUppercase { \chaptername }
715             \int_compare:nNnT
716                 { \c@sblreport@appendix@count } > { \c_one_int }
717                 {
718                     \nobreakspace \thechapter
719                 }
720             \par
721             \nobreak
722         }
723         \singlespacing
724         \MakeUppercase {##2}
725         \hook_gput_next_code:nn { para / after }
726             { \_sblreport_after_head_correction: }
727         \markboth { } { }
728         \par
729     \group_end:
730     \nobreak
731     \skip_vertical:n { 39pt }
732     \@afterheading
733 }
734 }
735 {
736     \titleformat
737     { \chapter }
738     [ display ]
739     {
740         \stepcounter { sblreport@appendix@count }
741         \protected@write \@auxout
742             { }
743             {
744                 \protect \setcounter
745                     { sblreport@appendix@count } { \the \c@chapter }
746             }
747         \singlespacing \normalfont \normalsize \filcenter
748     }
749     {
750         \MakeUppercase { \chaptername }
751         \ifnum \c@sblreport@appendix@count > 1
752             \strut \space \thechapter
753         \fi
754     }
755     { 12pt }
756     { \MakeUppercase }
757     \titlecontents { chapter }
758     [ Opt ]
759     { \singlespacing \filright }
760     {
761         \sblreport@hyperlink
762         { \Hy@tocdestname }
763         {

```

```

764         \MakeUppercase { \chaptername }
765         \ifnum \c@sblreport@appendix@count > 1
766             \strut \space \thecontentslabel
767         \fi
768         : \enspace
769     }
770     \MakeUppercase
771 }
772 { \MakeUppercase }
773 { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
774 }
775 }

776 \hook_gput_code:nnn
777 { cmd / appendix / after }
778 { sblreport }
779 { \_sblreport_set_up_appendices: }

```

5.12 Bibliography and list of abbreviations

```

780 \DefineBibliographyStrings { english }
781 {
782     shorthands = { List~of~Abbreviations }
783 }
784 \cs_set_nopar:Npn \bibsetup { \singlespacing }
785 \dim_set:Nn \bibhang { 0.5in }
786 \dim_set:Nn \bibitemsep { 12pt }
787 \dim_set:Nn \biblabelsep { 0.5in }

```

5.13 Helper functions

`_sblreport_if_page_numbering:nT` `{<numbering style>}` `{<code if true>}`

Test if the current page numbering style matches a particular style. (e.g., arabic or roman).

```

788 \prg_new_conditional:Npnn \_sblreport_if_page_numbering:n #1 { T }
789 {
790     \cs_set_nopar:Nn \_sblreport_thepage_test:
791         { \csname @ #1 \endcsname \c@page }
792     \if_meaning:w \thepage \_sblreport_thepage_test:
793         \prg_return_true:
794     \else:
795         \prg_return_false:
796     \fi:
797 }

```

(End of definition for `_sblreport_if_page_numbering:nT`.)

```

798 \endinput
799 </class>

```