

The `sblbook` Class

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Abstract

`sblbook` provides a LaTeX class for producing articles and papers conforming to the style required by the Society of Biblical Literature. It depends on `sblfonts` for language support, `biblatex-sbl` for referencing, `sblidx` for indexing and `bibleref-sbl` for Scripture references.

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1 Introduction

The `sblbook` class creates a print ready book matching the style specified in the *Preparing Your Printer-Ready Manuscript*. See <https://www.sbl-site.org/assets/pdfs/PRMmanual.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).

1.1 Usage

Load the class using `\documentclass{sblbook}`. See `sbltex-book.tex` 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`, `\frontmatter`, `\mainmatter`, `\backmatter`
- `\footnote`
- `\caption`
- `\index`
- `\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 `sblbook` class depends on a number of other packages:

- `sblfonts` (with `fontspec`, `fontenc` and `babel`), `biblatex-sbl` (with `biblatex`), `sblidx` (with `imakeidx`, `idxlayout`, `bibleref-parse` and `bibleref-sbl`)
- `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 Environments

acknowledgements `\begin {\langleacknowledgements\rangle}`
`\end {\langleacknowledgements\rangle}`

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

copyrightpage `\begin {\langlecopyrightpage\rangle}`
`\end {\langlecopyrightpage\rangle}`

Add a copyright page to the book. This page is supplied by SBL Press.

dedication `\begin {\langlededication\rangle}`
`\end {\langlededication\rangle}`

Add a dedication to the book. This page is empty by default. If there is a dedication, it should be placed on page v.

epigraph `\begin {\langleepigraph\rangle}`
`\end {\langleepigraph\rangle}`

Add an epigraph to the book. This page is empty by default. If there is an epigraph, it should be placed on page vii.

foreword `\begin {\langleforeword\rangle}`
`\end {\langleforeword\rangle}`

Add a Foreword to the book. The name of the section can be changed by redefining `\forewordname`.

introduction `\begin {\langleintroduction\rangle}`
`\end {\langleintroduction\rangle}`

Add an Introduction to the book. The name of the section can be changed by redefining `\introductionname`.

preface `\begin {\langlepreface\rangle}`
`\end {\langlepreface\rangle}`

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

seriespage `\begin {\langleseriespage\rangle}`
`\end {\langleseriespage\rangle}`

Add a series page to the book. This page is supplied by SBL Press.

titlepage `\begin {\langletitlepage\rangle}`
`\end {\langletitlepage\rangle}`

Add a title page to the book. This page is supplied by SBL Press. Note that this page is distinct from the half title page which is added with the `\maketitle` command.

3 Package Options

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

Any unrecognised options passed to the `sblbook` class are passed through to the `book` class.

biblatex `biblatex = {\langle arguments \rangle}` 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 = {\langle arguments \rangle}`

Options to pass to the `sblfonts` package.

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

8bit defaults:

```
{
  mainfont=Baskervaldx,
  grfont=Alegreya-LF,
  hefонт=frank
}
```

Unicode defaults:

```
{
  mainfont=Baskervaldx,
  mainfontoptions={Extension=.otf, UprightFont=*-Reg,
    ItalicFont=*-Ita, BoldFont=*-Bol,
    BoldItalicFont=*-BolIta},
  sblfonts=true
}
```

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

See the `sblfonts` package documentation for a full description of supported options and usage.

sblidx `sblidx = {\langle arguments \rangle}` Default: *Empty*

These options are passed to the `sblidx` package.

Note that the `sblidx` package is only loaded if at least one of `ancient sources`, `modern authors` or `subject` is passed to the `sblidx` option.

See the `sblidx` package documentation for a full description of supported options and usage.

trim `trim = true | false` Default: `false`

Whether to trim the PDF to 6 × 9 inches or not.

4 Implementation

```
1 <*class>
2 <@@=sblbook>
3 \NeedsTeXFormat{LaTeX2e}
4 \ProvidesExplClass{sblbook}{2026-04-04}{1.0}
5 {Society of Biblical Literature Book Class (DCP)}
6 \clist_new:N \l__sblbook_options_to_book_class_clist
7 \keys_define:nn { sblbook }
8 {
9   , biblatex .clist_set:N = \l__sblbook_options_to_biblatex_clist
10  , sblfonts .clist_set:N = \l__sblbook_options_to_sblfonts_clist
11  , sblidx .clist_set:N = \l__sblbook_options_to_sblidx_clist
12  , trim .bool_set:N = \l__sblbook_trim_bool
13  , trim .default:n = true
14  , trim .initial:n = false
15  , unknown .code:n = {
16                                \clist_put_right:No
17                                \l__sblbook_options_to_book_class_clist
18                                { \CurrentOption }
19                                }
20 }
21 \ProcessKeyOptions
Set default options.
22 \clist_put_left:Nn \l__sblbook_options_to_book_class_clist
23 { }
24 \clist_put_left:Nn \l__sblbook_options_to_biblatex_clist
25 {
26   , style = sbl
27   , language = auto
28   , autolang = hyphen
29 }
30 \sys_if_engine_opentype:TF
31 {
32   \clist_put_left:Nn \l__sblbook_options_to_sblfonts_clist
33   {
34     , mainfont = Baskervaldx
35     , mainfontoptions = {
36                               , Extension = .otf
37                               , UprightFont = *-Reg
38                               , ItalicFont = *-Ita
39                               , BoldFont = *-Bol
40                               , BoldItalicFont = *-BolIta
41                             }
42     , sblfonts = true
43   }
44 }
45 {
46   \clist_put_left:Nn \l__sblbook_options_to_sblfonts_clist
47   {
```

```

48     , mainfont = Baskervaldx
49     , grfont   = Alegreya-LF
50     , hefont   = frank
51   }
52 }

```

Load book class.

```

53 \exp_args:No \PassOptionsToClass
54 { \l__sblbook_options_to_book_class_clist }
55 { book }
56 \LoadClass { book }

```

Font and language set up.

```

57 \exp_args:No \PassOptionsToPackage
58 { \l__sblbook_options_to_sblfonts_clist }
59 { sblfonts }
60 \RequirePackage { sblfonts }

```

Set up upper case kerning.

```

61 \sys_if_engine_opentype:T
62 {
63   \hook_gput_code:nnn
64   { cmd / MakeUppercase / before }
65   { sblbook }
66   { \addfontfeature { Kerning = Uppercase } }
67   \hook_gput_code:nnn
68   { cmd / MakeUppercase / after }
69   { sblbook }
70   { \addfontfeature { Kerning = UppercaseOff } }
71 }

```

biblatex set up.

```

72 \exp_args:No \PassOptionsToPackage
73 { \l__sblbook_options_to_biblatex_clist }
74 { biblatex }
75 \RequirePackage { biblatex }
76 \RequirePackage { csquotes }
77 \clist_if_exist:NT \l__sblbook_options_to_sblidx_clist
78 {
79   \exp_args:No \PassOptionsToPackage
80   { \l__sblbook_options_to_sblidx_clist }
81   { sblidx }
82   \RequirePackage { sblidx }
83   \@ifpackageloaded { bibleref }
84   {
85     \RequirePackage { bibleref-parse }
86   }
87   { }
88 }

```

4.1 Margins

```

89 \bool_if:NTF \l__sblbook_trim_bool
90 {

```

```

91     \RequirePackage
92     [
93         , paperwidth = 6in
94         , paperheight = 9in
95     ]
96     { geometry }
97 }
98 {
99     \RequirePackage { geometry }
100 }
101 \dim_new:N \l__sblbook_top_margin_dim
102 \dim_new:N \l__sblbook_inner_margin_dim
103 \dim_set:Nn \l__sblbook_top_margin_dim
104     { 0.5 \paperheight - 3.75in }
105 \dim_set:Nn \l__sblbook_inner_margin_dim
106     { 0.5 \paperwidth - 2.25in }
107 \geometry
108 {
109     , includehead = true
110     , marginparwidth = 0.5in
111     , textwidth = 4.5in
112     , height = 7.5in
113     , top = \l__sblbook_top_margin_dim
114     , inner = \l__sblbook_inner_margin_dim
115     , headsep = 12pt
116     , headheight = 12pt
117     , footskip = 12pt
118 }

```

4.2 Text layout

```

119 \dim_set:Nn \parindent { 0.25in }
120 \RequirePackage [ all ] { nowidow }
121 \RequirePackage [ hyphenation , lastparline ] { impnatty }
122 \RequirePackage { microtype }

```

4.3 Headers and footers

```

123 \RequirePackage { fancyhdr }
124 \pagestyle { fancy }
125 \fancyhf { }
126 \fancyhead [ LE , RO ] { \thepage }
127 \fancyhead [ CE ] { \itshape \nouppercase { \leftmark } }
128 \fancyhead [ CO ] { \itshape \nouppercase { \rightmark } }
129 \cs_set_nopar:Npn \headrulewidth { Opt }
130 \cs_set_nopar:Npn \chaptermark #1
131 {
132     \markboth { \@title } { #1 }
133 }
134 \cs_set_nopar:Npn \sectionmark #1 { }
135 \fancypagestyle { plain }
136 {
137     \fancyhf { }
138     \fancyfoot
139     [ C ]
140     {

```

```

141     \smash { \raisebox { 12pt } { -\,\thepage\,- } }
142   }
143   \cs_set_nopar:Npn \headrulewidth { Opt }
144   \cs_set_nopar:Npn \footrulewidth { Opt }
145 }
146 \cs_set_nopar:Npn \thispagestyle #1
147 {
148   \cs_if_exist:cTF { ps@#1 }
149   {
150     \tl_if_eq:nnT {#1} { plain }
151     {
152       \enlargethispage { -24pt }
153     }
154     \legacy_if_gset_true:n { @specialpage }
155     \cs_gset_nopar:Npn \@specialstyle {#1}
156   }
157   {
158     \undefinedpagestyle
159   }
160 }
161 \cs_set_nopar:Npn \cleardoublepage
162 {
163   \clearpage
164   \int_if_even:nT { \c@page }
165   {
166     \hbox:n { }
167     \thispagestyle { empty }
168     \newpage
169   }
170 }
171
172
173

```

4.4 Footnotes

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

```

174 \IfDocumentMetadataTF
175 {
176   \socket_new_plug:nnn { fntext / mark } { sblbook }
177   {
178     \skip_horizontal:N \footnotemargin
179     \@thefnmark . \enspace
180   }
181   \socket_assign_plug:nn { fntext / mark } { sblbook }
182   \socket_assign_plug:nn
183   { build / column / outputbox }
184   { floats-space-footnotes }
185 }
186 {
187
188   \RequirePackage [ bottom ] { footmisc }
189   \cs_set:Npn \@makefntext #1
190   {

```



```

191         \dim_set_eq:NN \parindent \footnotemargin
192         \@thefnmark . \enspace
193         \footnotelayout #1
194     }
195 }

196 \dim_set:Nn \footnotemargin { 0.25in }
197 \cs_set:Npn \footnoterule
198 {
199     \kern -3pt
200     \hrule width 1.5in height .5pt depth 0pt
201     \kern 0.0625in
202 }

```

4.5 Captions

```

203 \skip_set:Nn \abovecaptionskip { 6pt }
204 \skip_set:Nn \belowcaptionskip { 6pt }
205 \cs_set:Npn \thefigure
206 {
207     \arabic { figure }
208 }
209 \cs_set:Npn \thetable
210 {
211     \arabic { table }
212 }
213 \counterwithout { figure } { chapter }
214 \counterwithout { table } { chapter }

215 \IfDocumentMetadataTF
216 {
217     \NewSocketPlug { caption / label } { sblbook }
218     {
219         \small
220         #1:~
221     }
222     \AssignSocketPlug { caption / label } { sblbook }
223 }
224 {
225     \RequirePackage [ font = small , skip = 6pt ] { caption }
226 }

```

4.6 Block quotes

```

227 \IfDocumentMetadataTF
228 {
229     \hook_gput_code:nnn { begindocument / before } { sblbook }
230     {
231         \RenewDocumentEnvironment { quotation } { !O { } }
232         {
233             \UseInstance { blockenv } { quotation }
234             {
235                 , begin-extra-vspace = 0pt
236                 , begin-vspace      = 11pt plus 5pt minus 3pt
237                 , left-margin        = \parindent
238                 , right-margin       = \parindent

```

```

239         , para-indent      = \parindent
240         , para-vspace      = Opt
241         , final-code       = \small \ignorespaces
242         , #1
243     }
244 }
245 { \endblockenv }
246 \RenewDocumentEnvironment { quote } { !O { } }
247 {
248     \UseInstance { blockenv } { quote }
249     {
250         , begin-extra-vspace = Opt
251         , begin-vspace       = 11pt plus 5pt minus 3pt
252         , left-margin        = \parindent
253         , right-margin       = \parindent
254         , para-indent        = Opt
255         , para-vspace        = 6pt plus 2pt minus 1pt
256         , final-code         = \small \ignorespaces
257         , #1
258     }
259 }
260 { \endblockenv }
261 }
262 }
263 {
264     \renewenvironment { quotation }
265     {
266         \small
267         \list { }
268         {
269             \dim_set_eq:NN \leftmargin \parindent
270             \dim_set_eq:NN \rightmargin \leftmargin
271             \skip_set:Nn \topsep { 11pt plus 5pt minus 3pt }
272             \skip_zero:N \partopsep
273             \skip_zero:N \itemsep
274             \skip_zero:N \parsep
275             \dim_set_eq:NN \itemindent \parindent
276             \dim_set_eq:NN \listparindent \parindent
277         }
278         \item \ignorespaces
279     }
280     {
281         \endlist
282     }
283     \renewenvironment { quote }
284     {
285         \small
286         \list { }
287         {
288             \dim_set_eq:NN \leftmargin \parindent
289             \dim_set_eq:NN \rightmargin \leftmargin
290             \skip_set:Nn \topsep { 11pt plus 5pt minus 3pt }
291             \skip_zero:N \partopsep
292             \skip_zero:N \itemsep

```

```

293         \skip_set:Nn \parsep { 6pt plus 2pt minus 1pt }
294         \dim_zero:N \itemindent
295         \dim_zero:N \listparindent
296     }
297     \item \ignorespaces
298 }
299 {
300     \endlist
301 }
302 }

```

4.7 Title page

Some pages are supplied by SBL Press and this command notes this at the bottom of the page.

```

303 \cs_new_protected:Nn \__sblbook_supplied_page:
304 {
305     \group_begin:
306     \vfill
307     \normalfont
308     \footnotesize
309     \centering
310     This ~ page ~ is ~ supplied ~ by ~ SBL ~ Press
311     \para_end:
312     \group_end:
313 }
314 \tl_new:N \g__sblbook_subtitle_tl
315 \cs_set:Npn \subtitle #1
316 {
317     \tl_gset:Nn \g__sblbook_subtitle_tl {#1}
318 }
319 \tl_new:N \g__sblbook_series_tl
320 \cs_set:Npn \series #1
321 {
322     \tl_gset:Nn \g__sblbook_series_tl {#1}
323 }
324 \title { [Title ~ of ~ Book] }
325 \subtitle { [Subtitle ~ of ~ Book] }
326 \author { [Your ~ Name] }
327 \series { [Series ~ Name] }
328 \cs_set_protected:Npn \maketitle
329 {
330     \group_begin:
331     \thispagestyle { empty }
332     \centering
333     \vspace* { 0.5in }
334     \LARGE
335     \MakeUppercase { \@title }
336     \para_end:
337     \tl_if_empty:NF \g__sblbook_subtitle_tl
338     {
339         \vspace { 0.5in }
340         \Large

```

```

341         \g__sblbook_subtitle_tl
342         \para_end:
343     }
344     \__sblbook_supplied_page:
345 \group_end:
346 }

347 \RenewDocumentEnvironment { titlepage } { }
348 {
349     \clearpage
350     \thispagestyle { empty }
351     \centering
352     \vspace* { 0.5in }
353     \LARGE
354     \MakeUppercase { \@title }
355     \para_end:
356     \tl_if_empty:NF \g__sblbook_subtitle_tl
357     {
358         \vspace { 0.5in }
359         \Large
360         \g__sblbook_subtitle_tl
361         \para_end:
362     }
363     \vspace { 0.5in }
364     \large
365     By
366     \para_end:
367     \@author
368     \para_end:
369     \normalsize
370 }
371 { \__sblbook_supplied_page: }

```

4.8 Front matter environments

```

372 \NewDocumentEnvironment { copyrightpage } { }
373 {
374     \clearpage
375     \thispagestyle { empty }
376     \vspace* { 0.5in }
377     \noindent
378     Copyright ~ I ~ \number \year \space by ~ \@author
379 }
380 { \__sblbook_supplied_page: }

381 \NewDocumentEnvironment { seriespage } { }
382 {
383     \clearpage
384     \thispagestyle { empty }
385     \centering
386     \vspace* { 0.5in }
387     \LARGE
388     \MakeUppercase { \g__sblbook_series_tl }
389     \para_end:
390     \normalsize

```

```

391 }
392 { \_sblbook_supplied_page: }
393 \NewDocumentEnvironment { dedication } { }
394 {
395   \cleardoublepage
396   \int_compare:nNnT { \c@page } < { 5 }
397   {
398     \int_gset:Nn \c@page { 5 }
399   }
400   \thispagestyle { empty }
401   \centering
402   \vspace* { 1.5in }
403   \itshape
404 }
405 { \para_end: }
406 \NewDocumentEnvironment { epigraph } { }
407 {
408   \cleardoublepage
409   \int_compare:nNnT { \c@page } < { 5 }
410   {
411     \int_gset:Nn \c@page { 5 }
412   }
413   \thispagestyle { empty }
414   \vspace* { 0.5in }
415 }
416 { \para_end: }
417 \cs_new_nopar:Npn \acknowledgementsname { Acknowledgements }
418 \NewDocumentEnvironment { acknowledgements } { }
419 {
420   \chapter* { \acknowledgementsname }
421   \chaptermark { \acknowledgementsname }
422   \addcontentsline { toc } { chapter } { \acknowledgementsname }
423 }
424 { \para_end: }
425 \cs_new_nopar:Npn \forewordname { Foreword }
426 \NewDocumentEnvironment { foreword } { }
427 {
428   \chapter* { \forewordname }
429   \chaptermark { \forewordname }
430   \addcontentsline { toc } { chapter } { \forewordname }
431 }
432 { \para_end: }
433 \cs_new_nopar:Npn \introductionname { Introduction }
434 \NewDocumentEnvironment { introduction } { }
435 {
436   \chapter* { \introductionname }
437   \chaptermark { \introductionname }
438   \addcontentsline { toc } { chapter } { \introductionname }
439 }
440 { \para_end: }
441 \cs_new_nopar:Npn \prefacename { Preface }

```

```

442 \NewDocumentEnvironment { preface } { }
443 {
444   \chapter* { \prefacename }
445   \chaptermark { \prefacename }
446   \addcontentsline { toc } { chapter } { \prefacename }
447 }
448 { \para_end: }

```

4.9 Section titles

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

```

449 \setcounter { secnumdepth } { 0 }
450 \cs_set:nopar:Npn \thepart { \arabic { part } }

451 \IfDocumentMetadataTF
452 {
453   \cs_set:Npn \section
454   {
455     \hook_gput_next_code:nn { para / end }
456     {
457       \strut
458       \dim_zero:N \hangindent
459     }
460     \@startsection { section } { 1 } { Opt }
461     { -12pt plus -4pt minus -2pt } { 10pt plus 4pt minus 2pt }
462     { \normalfont \normalsize \centering \MakeUppercase }
463   }
464   \cs_set:Npn \subsection
465   {
466     \hook_gput_next_code:nn { para / end } { \strut }
467     \@startsection { subsection } { 2 } { Opt }
468     { -6pt plus -2pt minus -1pt } { 4pt plus 2pt minus 1pt }
469     { \normalfont \normalsize \scshape \raggedright }
470   }
471   \cs_set:Npn \subsubsection
472   {
473     \@startsection { subsubsection } { 3 } { Opt }
474     { 6pt plus 2pt minus 1pt } { -1em }
475     { \normalfont \normalsize \scshape }
476   }
477   \cs_set:Npn \paragraph
478   {
479     \@startsection { paragraph } { 4 } { Opt }
480     { 6pt plus 2pt minus 1pt } { -1em }
481     { \normalfont \normalsize \itshape }
482   }
483   \cs_set:Npn \subparagraph
484   {
485     \@startsection { subparagraph } { 5 } { 0.25in }
486     { 0pt } { -1em }
487     { \normalfont \normalsize \scshape }
488   }
489 }
490 {

```

```

491 \RequirePackage [ newparttoc ] { titlesec }
492 \titleclass { \part } { page }
493 \assignpagestyle { \part } { empty }
494 \titlespacing* { \part } { Opt } { 0.5in }
495 { 0.5in plus 12pt minus 6pt }
496 \titlespacing* { \chapter } { Opt } { 0.5in }
497 { 0.5in plus 12pt minus 6pt }
498 \titlespacing* { \section } { Opt } { 12pt plus 4pt minus 2pt }
499 { 10pt plus 4pt minus 2pt }
500 \titlespacing* { \subsection } { Opt } { 6pt plus 2pt minus 1pt }
501 { 4pt plus 2pt minus 1pt }
502 \titlespacing* { \subsubsection } { Opt } { 6pt plus 2pt minus 1pt }
503 { 1em }
504 \titlespacing* { \paragraph } { Opt } { 6pt plus 2pt minus 1pt }
505 { 1em }
506 \titlespacing* { \subparagraph } { 0.25in } { Opt } { 1em }
507 \titleformat
508 { \part }
509 [ block ]
510 { \normalfont \Large \scshape \filcenter }
511 { \partname \space \thepart : }
512 { 0.5em }
513 { }
514 \titleformat
515 { \chapter }
516 [ display ]
517 { \normalfont \Large \filcenter }
518 { \thechapter }
519 { 12pt }
520 { }
521 \titleformat
522 { \section }
523 [ block ]
524 { \normalfont \normalsize \filcenter }
525 { \thesection }
526 { .5em }
527 { \MakeUppercase }
528 \titleformat
529 { \subsection }
530 [ block ]
531 { \normalfont \normalsize \scshape \filright }
532 { \thesubsection }
533 { .5em }
534 { }
535 \titleformat
536 { \subsubsection }
537 [ runin ]
538 { \normalfont \normalsize \scshape }
539 { \thesubsubsection }
540 { .5em }
541 { }
542 \titleformat
543 { \paragraph }

```

```

544     [ runin ]
545     { \normalfont \normalsize \itshape }
546     { \theparagraph }
547     { .5em }
548     { }
549 \titleformat
550     { \subparagraph }
551     [ runin ]
552     { \normalfont \normalsize \scshape }
553     { \thesubparagraph }
554     { .5em }
555     { }
556 }

```

4.10 Table of contents and list of figures/tables

```

557 \int_set:Nn \c@tocdepth { 1 }
558 \cs_set:Npn \tableofcontents
559 {
560     \chapter* { \contentsname }
561     \@mkboth
562     { \contentsname }
563     { \contentsname }
564     \int_compare:nNnT { \c@page } < { 5 }
565     { \int_gset:Nn \c@page { 5 } }
566     \@starttoc { toc }
567 }
568 \cs_set:Npn \listoffigures
569 {
570     \chapter* { \listfigurename }
571     \addcontentsline { toc } { chapter } { \listfigurename }
572     \@mkboth
573     { \listfigurename }
574     { \listfigurename }
575     \@starttoc { lof }
576 }
577 \cs_set:Npn \listoftables
578 {
579     \chapter* { \listtablename }
580     \addcontentsline { toc } { chapter } { \listtablename }
581     \@mkboth
582     { \listtablename }
583     { \listtablename }
584     \@starttoc { lot }
585 }

```

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

```

586 \IfDocumentMetadataTF
587 {
588     \cs_set:Npn \@pnumwidth { 2em }
589     \hook_gput_code_with_args:nnn { contentsline / text / after }

```



```

590 { sblbook }
591 {
592   \int_compare:nNnT {#1} = { 1 }
593   {
594     \cs_set_nopar:Npn \leaders ##1 ##2 { }
595     \hook_gput_next_code:nn { cmd / SuspendTagging / after }
596     {
597       \cs_set_nopar:Npn \leaders ##1 ##2 { }
598     }
599   }
600 }
601 \cs_set_nopar:Npn \numberline #1
602 {
603   \hbox_to_wd:nn { \tempdima }
604   {
605     \hook_use:nnw { contentsline / number / before } { 1 } {#1}
606     \hfill #1. \enspace
607     \hook_use:nnw { contentsline / number / after } { 1 } {#1}
608   }
609 }
610 \cs_set_nopar:Npn \l@chapter
611 {
612   \@dottedtocline { 0 } { 0em } { 2em }
613 }
614 \cs_set_nopar:Npn \l@section
615 {
616   \@dottedtocline { 1 } { 2em } { 2.5em }
617 }
618 \cs_set_nopar:Npn \l@subsection
619 {
620   \@dottedtocline { 2 } { 4.5em } { 3em }
621 }
622 \cs_set_nopar:Npn \l@subsubsection
623 {
624   \@dottedtocline { 3 } { 7.5em } { 3em }
625 }
626 \cs_set_nopar:Npn \l@paragraph
627 {
628   \@dottedtocline { 4 } { 10.5em } { 3em }
629 }
630 \cs_set_nopar:Npn \l@subparagraph
631 {
632   \@dottedtocline { 5 } { 13.5em } { 0em }
633 }
634 \cs_set_nopar:Npn \l@figure
635 {
636   \@dottedtocline { 0 } { 0em } { 2em }
637 }
638 \cs_set_eq:NN \l@table \l@figure

```

Redefine \@chapter, \@schapter, \@part and \@spart to format chapter and part headings.

```

639 \cs_set_nopar:Npn \@chapter [#1]#2
640 {

```

```

641 \_sblbook_if_page_numbering:nT { roman }
642 { \pagenumbering { arabic } }
643 \mode_leave_vertical:
644 \par
645 \addvspace { 0.5in }
646 \int_compare:nNnTF { \c@secnumdepth } > { -1 }
647 {
648   \addtocontents { toc } { \addvspace { \bigskipamount } }
649   \refstepcounter { chapter }
650   \addcontentsline { toc } { chapter }
651   {
652     \protect \numberline { \thechapter } #1
653   }
654 }
655 {
656   \addcontentsline { toc } { chapter } {#1}
657 }
658 \group_begin:
659   \dim_zero:N \parindent
660   \centering
661   \interlinepenalty 10000
662   \normalfont
663   \Large
664   \int_compare:nNnT { \c@secnumdepth } > { -1 }
665   {
666     \thechapter
667     \par
668     \nobreak
669     \skip_vertical:n { \bigskipamount }
670   }
671   #2
672   \strut
673   \chaptermark {#1}
674   \par
675 \group_end:
676 \nobreak
677 \skip_vertical:n { 0.5in plus 12pt minus 6pt }
678 \@afterheading
679 }
680 \cs_set_nopar:Npn \@schapter #1
681 {
682   \mode_leave_vertical:
683   \par
684   \addvspace { 0.5in }
685   \group_begin:
686     \dim_zero:N \parindent
687     \centering
688     \interlinepenalty 10000
689     \normalfont
690     \Large
691     #1
692     \strut
693     \par
694   \group_end:

```

```

695     \nobreak
696     \skip_vertical:n { 0.5in plus 12pt minus 6pt }
697     \@afterheading
698   }
699   \cs_set:Npn \@part [#1]#2
700   {
701     \unskip
702     \skip_vertical:n { 0.5in }
703     \thispagestyle { empty }
704     \int_compare:nNnTF { \c@secnumdepth } > { -2 }
705     {
706       \addtocontents { toc } { \addvspace { \bigskipamount } }
707       \refstepcounter { part }
708       \addcontentsline { toc } { part }
709       {
710         \partname \space \thepart : \hspace { 0.5em } #1
711       }
712     }
713     {
714       \addcontentsline { toc } { part } {#1}
715     }
716     \markboth { } { }
717     \group_begin:
718       \centering
719       \interlinepenalty 10000
720       \normalfont
721       \Large
722       \scshape
723       \int_compare:nNnT { \c@secnumdepth } > { -2 }
724       { \partname \nobreakspace \thepart : \enspace }
725       #2
726       \strut
727       \par
728     \group_end:
729     \@endpart
730   }
731   \cs_set:Npn \@spart #1
732   {
733     \unskip
734     \skip_vertical:n { 0.5in }
735     \thispagestyle { empty }
736     \group_begin:
737       \centering
738       \interlinepenalty 10000
739       \normalfont
740       \Large
741       \scshape
742       #1
743       \strut
744       \par
745     \group_end:
746     \@endpart
747   }

```

```

748 }
749 {
750   \RequirePackage { titletoc }
751   \contentsmargin { 2em }

```

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

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

```

752   \cs_new_protected:Nn \_sblbook_hyperlink:nn
753   {
754     \cs_if_exist_use:NTF \hyperlink
755     { { #1 } { #2 } }
756     { #2 }
757   }

```

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

`_sblbook_contents_label_box:nn` $\{\langle width \rangle\} \{\langle alignment \rangle\}$

Create a boxed contents label with a hyperlink if `hyperref` is loaded.

```

758   \cs_new_protected:Nn \_sblbook_contents_label_box:nn
759   {
760     \_sblbook_hyperlink:nn
761     { \Hy@tocdestname }
762     {
763       \makebox [ #1 ] [ #2 ] { \thecontentslabel . \enspace }
764     }
765   }

```

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

`_sblbook_contents_label:` Create an unboxed contents label with a hyperlink if `hyperref` is loaded.

```

766   \cs_new_protected:Nn \_sblbook_contents_label:
767   {
768     \_sblbook_hyperlink:nn
769     { \Hy@tocdestname }
770     { \thecontentslabel . \enspace }
771   }

```

(End of definition for `_sblbook_contents_label:.`)

`_sblbook_contents_above:n` $\{\langle dimen \rangle\}$

Convenience macro for code before contents line. $\langle dimen \rangle$ is a horizontal offset the line.

```

772   \cs_new_protected:Nn \_sblbook_contents_above:n
773   {
774     \hspace* { -#1 }
775     \filright
776   }

```

(End of definition for `_sblbook_contents_above:n`.)

```
777 \titlecontents { figure }
778 [ 2em ]
779 {
780 \_sblbook_contents_above:n { 2em }
781 }
782 {
783 \_sblbook_contents_label_box:nn { 2em } { r }
784 }
785 { }
786 { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
787 \titlecontents { table }
788 [ 2em ]
789 {
790 \_sblbook_contents_above:n { 2em }
791 }
792 {
793 \_sblbook_contents_label_box:nn { 2em } { r }
794 }
795 { }
796 { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
797 \titlecontents { part }
798 [ 2em ]
799 {
800 \addvspace { \bigskipamount }
801 \scshape \filcenter
802 }
803 {
804 \_sblbook_hyperlink:nn
805 { \Hy@tocdestname }
806 {
807 \partname \space \thecontentslabel : \hspace { 0.5em }
808 }
809 }
810 { }
811 { }
812 \titlecontents { chapter }
813 [ 2em ]
814 {
815 \tl_if_empty:NF \thecontentslabel
816 {
817 \addvspace { \bigskipamount }
818 }
819 \_sblbook_contents_above:n { 2em }
820 }
821 {
822 \_sblbook_contents_label_box:nn { 2em } { r }
823 }
824 { }
825 { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
826 \titlecontents { section }
827 [ 4.5em ]
828 {
829 \_sblbook_contents_above:n { 2.5em }
```

```

830     }
831     {
832     \_sblbook_contents_label_box:nn { 2.5em } { r }
833     }
834     { }
835     { \hfill \contentspage }
836 \titlecontents { subsection }
837 [ 7.5em ]
838 {
839 \_sblbook_contents_above:n { 3em }
840 }
841 {
842 \_sblbook_contents_label:
843 }
844 { }
845 { \hfill \contentspage }
846 \titlecontents { subsubsection }
847 [ 10.5em ]
848 {
849 \_sblbook_contents_above:n { 3em }
850 }
851 {
852 \_sblbook_contents_label:
853 }
854 { }
855 { \hfill \contentspage }
856 \titlecontents { paragraph }
857 [ 13.5em ]
858 {
859 \_sblbook_contents_above:n { 3em }
860 }
861 {
862 \_sblbook_contents_label:
863 }
864 { }
865 { \hfill \contentspage }
866 \titlecontents { subparagraph }
867 [ 16.5em ]
868 {
869 \_sblbook_contents_above:n { 3em }
870 }
871 {
872 \_sblbook_contents_label:
873 }
874 { }
875 { \hfill \contentspage }
876 }

```

Insert a space in the table of contents at the backmatter.

```

877 \hook_gput_code:nnn
878 { cmd / backmatter / after }
879 { sblbook }
880 {
881 \bool_if:NF \g__sblbook_appendix_bool

```

```

882     {
883     \addtocontents { toc } { \addvspace { \bigskipamount } }
884     }
885 }

```

4.11 Appendices

Set up appendix headings and table of contents.

```

886 \cs_set_eq:NN \sblbook@hyperlink \_sblbook_hyperlink:nn
887 \bool_new:N \g__sblbook_appendix_bool
888 \newcounter { sblbook@appendix@count }

889 \cs_new_protected:Nn \_sblbook_set_up_appendices:
890 {
891   \bool_gset_true:N \g__sblbook_appendix_bool
892   \cs_gset_nopar:Npn \thechapter
893     { \@arabic \c@chapter }
894   \cs_set_nopar:Npn \chaptername
895     { \appendixname }
896   \addtocontents { toc } { \def \protect \chaptername { \appendixname } }
897   \addtocontents { toc } { \addvspace { \bigskipamount } }
898   \int_compare:nNnT { \c@sblbook@appendix@count } = { \c_one_int }
899     {
900       \int_zero:N \c@sblbook@appendix@count
901     }
902   \IfDocumentMetadataTF
903     {
904       \cs_set_nopar:Npn \@chapter [##1]##2
905         {
906           \stepcounter { sblbook@appendix@count }
907           \mode_leave_vertical:
908           \par
909           \addvspace { 0.5in }
910           \int_compare:nNnTF { \c@secnumdepth } > { -1 }
911             {
912               \refstepcounter { chapter }
913               \protected@write \@auxout
914                 { }
915                 {
916                   \string \setcounter
917                     { sblbook@appendix@count } { \the \c@chapter }
918                 }
919               \addcontentsline { toc } { chapter }
920                 {
921                   \chaptername
922                   \ifnum \c@sblbook@appendix@count > 1
923                     \space \thechapter
924                   \fi
925                   : \enspace ##1
926                 }
927             }
928           {
929             \addcontentsline { toc } { chapter } {##1}
930           }

```

```

931     \group_begin:
932         \dim_zero:N \parindent
933         \centering
934         \interlinepenalty 10000
935         \normalfont
936         \Large
937         \int_compare:nNnT { \c@secnumdepth } > { -1 }
938         {
939             \chaptername
940             \int_compare:nNnT
941                 { \c@sblbook@appendix@count } > { \c_one_int }
942             {
943                 \nobreakspace \thechapter
944             }
945             \par
946             \nobreak
947             \skip_vertical:n { \bigskipamount }
948         }
949         ##2
950         \chaptermark {##1}
951         \par
952     \group_end:
953     \nobreak
954     \skip_vertical:n { 0.5in plus 12pt minus 6pt }
955     \@afterheading
956 }
957 }
958 {
959     \titleformat
960     { \chapter }
961     [ display ]
962     {
963         \stepcounter { sblbook@appendix@count }
964         \protected@write \@auxout
965             { }
966             {
967                 \protect \setcounter
968                     { sblbook@appendix@count } { \the \c@chapter }
969             }
970         \normalfont \Large \filcenter
971     }
972     {
973         \chaptername
974         \ifnum \c@sblbook@appendix@count > 1
975             \strut \space \thechapter
976         \fi
977     }
978     { 12pt }
979     { }
980     \titlecontents { chapter }
981     [ 2em ]
982     {
983         \hspace* { -2em }
984         \filright

```



```

985     }
986     {
987         \sblbook@hyperlink
988         { \Hy@tocdestname }
989         {
990             \chaptername
991             \ifnum \c@sblbook@appendix@count > 1
992                 \strut \space \thecontentslabel
993             \fi
994             : \enspace
995         }
996     }
997     { }
998     { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
999 }
1000 }

1001 \hook_gput_code:nnn
1002 { cmd / appendix / after }
1003 { sblbook }
1004 { \_sblbook_set_up_appendices: }

```

4.12 Bibliography and list of abbreviations

```

1005 \cs_set_nopar:Npn \bibfont { \small }
1006 \dim_set:Nn \bibhang { 0.25in }
1007 \dim_set:Nn \biblabelsep { 0.25in }

```

4.13 Helper functions

`_sblbook_if_page_numbering:nT` $\{ \langle \textit>numbering style \rangle \} \{ \langle \textit>code if true \rangle \}$

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

```

1008 \prg_new_conditional:Npnn \_sblbook_if_page_numbering:n #1 { T }
1009 {
1010     \cs_set_nopar:Nn \_sblbook_thepage_test:
1011     { \csname @ #1 \endcsname \c@page }
1012     \if_meaning:w \thepage \_sblbook_thepage_test:
1013         \prg_return_true:
1014     \else:
1015         \prg_return_false:
1016     \fi:
1017 }

```

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

```

1018 \endinput
1019 \</class>

```