

The `basque-book` document class*

Edorta Ibarra
gautegiz@yahoo.es

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Abstract

The class is derived from the `LATEX book` document class. The extensions solve grammatical and numeration issues that occur when book-type documents are written in Basque. The class is useful for writing books, PhD Theses, etc. in Basque.

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1 Basque Language and `LATEX`

1.1 Introduction

`LATEX` is primarily intended for English and English-like languages. Basque does not have an English-like structure nor numeration rules and, for that reason, writing grammatically correct documents in Basque using `LATEX` is not always straightforward.

*This file (`basque-book.dtx`) has version v1.24 last revised 2014-01-25.

This issues are well known for Basque \LaTeX users. Most non-advanced Basque \LaTeX users do not have the ability to modify the document classes themselves. As stated in [1], one of the possible solutions to address this problems is to redefine \LaTeX document classes for Basque.

1.2 The basque-book document class

One of the most common class used in \LaTeX is the book document class. In this sense, a derived class called `basque-book` is provided. This class allows to write grammatically correct books in Basque without the need of performing manual corrections or redefinitions on the document class code. The class is useful for writing books, PhD Theses, etc. in Basque.

2 Calling the document class

The document class `basque-book` is called using the `\documentclass` command: `\documentclass[<options>]{basque-book}`.

The class `basque-book` provides the same options provided by the standard book document class.

The document class `basque-book` requires the package `basque-date`. This package prints the current date in Basque following the recommendations of the Basque Language Academy. This package and its documentation are available online from CTAN¹.

Due to incompatibility reasons, the package `babel` should not be used when the document class `basque-book` is called (refer to appendix A.3 for more details).

3 Acknowledgements

I would like to thank Jose Ramon Etxebarria, who tested the package `basque-book` and made suggestions that helped to improve it.

References

- [1] J. Arias, J. Lazaro, J. M. Aguirregabiria, “Basque: A Case Study in Generalizing LaTeX Language Support,” *International Conference on TeX, XML and Digital Typography*. pp. 27-33, 2004.

A Appendices

A.1 License

Copyright 2012-2014 Edorta Ibarra.

¹<http://ctan.org/tex-archive/macros/latex/contrib/basque-date>

This program can be redistributed and/or modified under the terms of the L^AT_EX Project Public License Distributed from CTAN archives in directory macros/latex/base/lppl.tex; either version 1.2 of the License, or any later version.

A.2 Version history

- **Version v1.00 (2012/05/03)**. Initial non-public version for development.
- **Version v1.05 (2012/05/22)**. First public version. This version included most of the current features.
- **Version v1.20 (2012/07/06)**. Second public version.
 - (a) Captions for tables and figures were redefined in order to improve the readability of the document.
 - (b) A minor bug was corrected (a missing `\RequirePackage`).
 - (c) Some minor changes were performed in the documentation.
- **Version v1.24 (2014/01/25)**. Third public version.
 - (a) Documentation in Basque was provided in the `.dtx` file.
 - (b) A bug related with equation numbering was fixed.

A.3 Implementation

No changes from the standard `book` document class are implemented at the beginning of the code.

```
1 \newcommand{@ptsize{}}
2 \newif\if@restonecol
3 \newif\if@titlepage
4 \@titlepagetrue
5 \newif\if@openright
6 \newif\if@mainmatter \@mainmattertrue
7 \if@compatibility\else
8 \DeclareOption{a4paper}
9   {\setlength\paperheight {297mm}%
10    \setlength\paperwidth  {210mm}}
11 \DeclareOption{a5paper}
12   {\setlength\paperheight {210mm}%
13    \setlength\paperwidth  {148mm}}
14 \DeclareOption{b5paper}
15   {\setlength\paperheight {250mm}%
16    \setlength\paperwidth  {176mm}}
17 \DeclareOption{letterpaper}
18   {\setlength\paperheight {11in}%
19    \setlength\paperwidth  {8.5in}}
20 \DeclareOption{legalpaper}
```

```

21   {\setlength\paperheight {14in}%
22     \setlength\paperwidth {8.5in}}
23 \DeclareOption{executivepaper}
24   {\setlength\paperheight {10.5in}%
25     \setlength\paperwidth {7.25in}}
26 \DeclareOption{landscape}
27   {\setlength\@tempdima {\paperheight}%
28     \setlength\paperheight {\paperwidth}%
29     \setlength\paperwidth {\@tempdima}}
30 \fi
31 \if@compatibility
32   \renewcommand\@ptsize{0}
33 \else
34 \DeclareOption{10pt}{\renewcommand\@ptsize{0}}
35 \fi
36 \DeclareOption{11pt}{\renewcommand\@ptsize{1}}
37 \DeclareOption{12pt}{\renewcommand\@ptsize{2}}
38 \if@compatibility\else
39 \DeclareOption{oneside}{\@twosidefalse \@mparswitchfalse}
40 \fi
41 \DeclareOption{twoside}{\@twosidetrue \@mparswitchtrue}
42 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
43 \if@compatibility\else
44 \DeclareOption{final}{\setlength\overfullrule{0pt}}
45 \fi
46 \DeclareOption{titlepage}{\@titlepagetrue}
47 \if@compatibility\else
48 \DeclareOption{notitlepage}{\@titlepagefalse}
49 \fi
50 \if@compatibility
51 \@openrighttrue
52 \else
53 \DeclareOption{openright}{\@openrighttrue}
54 \DeclareOption{openany}{\@openrightfalse}
55 \fi
56 \if@compatibility\else
57 \DeclareOption{onecolumn}{\@twocolumnfalse}
58 \fi
59 \DeclareOption{twocolumn}{\@twocolumntrue}
60 \DeclareOption{leqno}{\input{leqno.clo}}
61 \DeclareOption{fleqn}{\input{fleqn.clo}}
62 \DeclareOption{openbib}{\%
63   \AtEndOfPackage{\%
64     \renewcommand\@openbib@code{\%
65       \advance\leftmargin\bibindent
66       \itemindent -\bibindent
67       \listparindent \itemindent
68       \parsep \z@
69     }}\%
70   \renewcommand\newblock{\par}}\%

```

```

71 }
72 \ExecuteOptions{letterpaper,10pt,twoside,onecolumn,final,openright}
73 \ProcessOptions
74 \input{bki\@ptsize.clo}
75 \setlength\lineskip{1\p@}
76 \setlength\normallineskip{1\p@}
77 \renewcommand\baselinestretch{}
78 \setlength\parskip{0\p@ \@plus \p@}
79 \@lowpenalty 51
80 \@medpenalty 151
81 \@highpenalty 301
82 \setcounter{topnumber}{2}
83 \renewcommand\topfraction{.7}
84 \setcounter{bottomnumber}{1}
85 \renewcommand\bottomfraction{.3}
86 \setcounter{totalnumber}{3}
87 \renewcommand\textfraction{.2}
88 \renewcommand\floatpagefraction{.5}
89 \setcounter{dbltopnumber}{2}
90 \renewcommand\dbltopfraction{.7}
91 \renewcommand\dblfloatpagefraction{.5}
92 \if@twoside

```

`\ps@headings` The order of the elements of the document headings are redefined in order to comply with the Basque grammatical rules:

```

93 \def\ps@headings{%
94     \let\@oddfoot\@empty\let\@evenfoot\@empty
95     \def\@evenhead{\thepage\hfil\slshape\leftmark}%
96     \def\@oddhead{\slshape\rightmark}\hfil\thepage}%
97     \let\mkboth\markboth
98     \def\chaptermark##1{%
99         \markboth {{%
100             \ifnum \c@secnumdepth >\m@ne
101                 \if@mainmatter
102                     \thechapter\ \@chapapp .\ %
103                 \fi
104                 \fi
105             ##1}}{}}%
106     \def\sectionmark##1{%
107         \markright {{%
108             \ifnum \c@secnumdepth >\z@
109                 \thesection \ %
110             \fi
111             ##1}}}}
112 \else
113 \def\ps@headings{%
114     \let\@oddfoot\@empty
115     \def\@oddhead{\slshape\rightmark}\hfil\thepage}%
116     \let\mkboth\markboth
117     \def\chaptermark##1{%

```

```

118     \markright {%
119         \ifnum \c@secnumdepth >\m@ne
120             \if@mainmatter
121                 \thechapter\ \@chapapp .\ %
122             \fi
123         \fi
124     ##1}}}}
125 \fi
126 \def\ps@myheadings{%
127     \let\@oddfoot\@empty\let\@evenfoot\@empty
128     \def\@evenhead{\thepage\hfil\slshape\leftmark}%
129     \def\@oddhead{\slshape\rightmark\hfil\thepage}%
130     \let\@mkboth\@gobbletwo
131     \let\chaptermark\@gobble
132     \let\sectionmark\@gobble
133 }
134 \if@titlepage
135 \newcommand\maketitle{\begin{titlepage}%
136 \let\footnotesize\small
137 \let\footnoterule\relax
138 \let \footnote \thanks
139 \null\vfil
140 \vskip 60\p@
141 \begin{center}%
142     {\LARGE \@title \par}%
143     \vskip 3em%
144     {\large
145         \lineskip .75em%
146         \begin{tabular}[t]{c}%
147             \@author
148         \end{tabular}\par}%
149     \vskip 1.5em%
150     {\large \@date \par}%           % Set date in \large size.
151 \end{center}\par
152 \@thanks
153 \vfil\null
154 \end{titlepage}%
155 \setcounter{footnote}{0}%
156 \global\let\thanks\relax
157 \global\let\maketitle\relax
158 \global\let\@thanks\@empty
159 \global\let\@author\@empty
160 \global\let\@date\@empty
161 \global\let\@title\@empty
162 \global\let\title\relax
163 \global\let\author\relax
164 \global\let\date\relax
165 \global\let\and\relax
166 }
167 \else

```

```

168 \newcommand\maketitle{\par
169   \begingroup
170   \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
171   \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
172   \long\def\@makefntext##1{\parindent 1em\noindent
173     \hb@xt@1.8em{%
174       \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
175   \if@twocolumn
176     \ifnum \col@number=\@ne
177       \maketitle
178     \else
179       \twocolumn[\maketitle]%
180     \fi
181   \else
182     \newpage
183     \global\@topnum\z@ % Prevents figures from going at top of page.
184     \maketitle
185   \fi
186   \thispagestyle{plain}\@thanks
187 \endgroup
188 \setcounter{footnote}{0}%
189 \global\let\thanks\relax
190 \global\let\maketitle\relax
191 \global\let\@maketitle\relax
192 \global\let\@thanks\@empty
193 \global\let\@author\@empty
194 \global\let\@date\@empty
195 \global\let\@title\@empty
196 \global\let\title\relax
197 \global\let\author\relax
198 \global\let\date\relax
199 \global\let\and\relax
200 }
201 \def\@maketitle{%
202   \newpage
203   \null
204   \vskip 2em%
205   \begin{center}%
206   \let \footnote \thanks
207     {\LARGE \@title \par}%
208     \vskip 1.5em%
209     {\large
210       \lineskip .5em%
211       \begin{tabular}[t]{c}%
212         \@author
213       \end{tabular}\par}%
214     \vskip 1em%
215     {\large \@date}%
216   \end{center}%
217   \par

```

```

218 \vskip 1.5em}
219 \fi
220 \newcommand*\chaptermark[1]{
221 \setcounter{secnumdepth}{2}
222 \newcounter {part}
223 \newcounter {chapter}
224 \newcounter {section}[chapter]
225 \newcounter {subsection}[section]
226 \newcounter {subsubsection}[subsection]
227 \newcounter {paragraph}[subsubsection]
228 \newcounter {subparagraph}[paragraph]

\thepart The commands that are responsible for numbering the different parts, chapters,
\thechapter sections, etc. of the document are redefined in order to comply with the Basque
\thesection numeration rules:
\thesubsection 229 \renewcommand\thepart {\Roman{part}.}
\thesubsubsection 230 \renewcommand\thechapter {\arabic{chapter}.}
\theparagraph 231 \renewcommand\thesection {\thechapter \arabic{section}.}
\thesubparagraph 232 \renewcommand\thesubsection {\thesection \arabic{subsection}.}
233 \renewcommand\thesubsubsection {\thesubsection \arabic{subsubsection}.}
234 \renewcommand\theparagraph {\thesubsubsection \arabic{paragraph}.}
235 \renewcommand\thesubparagraph {\theparagraph \arabic{subparagraph}.}
236 \newcommand\@chapapp{\chaptername}
237 \newcommand\frontmatter{%
238 \cleardoublepage
239 \@mainmatterfalse
240 \pagenumbering{roman}}
241 \newcommand\mainmatter{%
242 \cleardoublepage
243 \@mainmattertrue
244 \pagenumbering{arabic}}
245 \newcommand\backmatter{%
246 \if@openright
247 \cleardoublepage
248 \else
249 \clearpage
250 \fi
251 \@mainmatterfalse}
252 \newcommand\part{%
253 \if@openright
254 \cleardoublepage
255 \else
256 \clearpage
257 \fi
258 \thispagestyle{plain}%
259 \if@twocolumn
260 \onecolumn
261 \@tempswattrue
262 \else
263 \@tempswafalse

```

```

264 \fi
265 \null\vfil
266 \secdef\@part\@spart}
\@part The part environment is modified changing the order of \partname and \thepart.
        Moreover, the extra dot is eliminated:
267 \def\@part[#1]#2{%
268     \ifnum \c@secnumdepth >-2\relax
269         \refstepcounter{part}%
270         \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
271     \else
272         \addcontentsline{toc}{part}{#1}%
273     \fi
274     \markboth{}{}%
275     {\centering
276     \interlinepenalty \@M
277     \normalfont
278     \ifnum \c@secnumdepth >-2\relax
279         \huge\bfseries \thepart\nobreakspace\partname
280         \par
281         \vskip 20\p@
282     \fi
283     \Huge \bfseries #2\par}%
284 \endpart}
285 \def\@spart#1{%
286     {\centering
287     \interlinepenalty \@M
288     \normalfont
289     \Huge \bfseries #1\par}%
290 \endpart}
291 \def\@endpart{\vfil\newpage
292             \if@twoside
293             \if@openright
294             \null
295             \thispagestyle{empty}%
296             \newpage
297             \fi
298             \fi
299             \if@tempwa
300             \twocolumn
301             \fi}
302 \newcommand\chapter{\if@openright\cleardoublepage\else\clearpage\fi
303                   \thispagestyle{plain}%
304                   \global\@topnum\z@
305                   \@afterindentfalse
306                   \secdef\@chapter\@schapter}
\@chapter Similarly, the chapter environment is modified changing the order of \@chapapp
           and \thechapter. As done before, the extra dot is eliminated:
307 \def\@chapter[#1]#2{\ifnum \c@secnumdepth >\m@ne

```

```

308         \if@mainmatter
309             \refstepcounter{chapter}%
310             \typeout{\thechapter\space\@chapapp}%
311             \addcontentsline{toc}{chapter}%
312                 {\protect\numberline{\thechapter}#1}%
313         \else
314             \addcontentsline{toc}{chapter}{#1}%
315         \fi
316     \else
317         \addcontentsline{toc}{chapter}{#1}%
318     \fi
319     \chaptermark{#1}%
320     \addtocontents{lof}{\protect\addvspace{10\p@}}%
321     \addtocontents{lot}{\protect\addvspace{10\p@}}%
322     \if@twocolumn
323         \@topnewpage[\@makechapterhead{#2}]%
324     \else
325         \@makechapterhead{#2}%
326         \@afterheading
327     \fi}
328 \def\@makechapterhead#1{%
329     \vspace*{50\p@}%
330     {\parindent \z@ \raggedright \normalfont
331     \ifnum \c@secnumdepth >\m@ne
332         \if@mainmatter
333             \huge\bfseries \thechapter\space\@chapapp
334             \par\nobreak
335             \vskip 20\p@
336         \fi
337     \fi
338     \interlinepenalty\@M
339     \Huge \bfseries #1\par\nobreak
340     \vskip 40\p@
341 }}
342 \def\@schapter#1{\if@twocolumn
343     \@topnewpage[\@makeschapterhead{#1}]%
344     \else
345         \@makeschapterhead{#1}%
346         \@afterheading
347     \fi}
348 \def\@makeschapterhead#1{%
349     \vspace*{50\p@}%
350     {\parindent \z@ \raggedright
351     \normalfont
352     \interlinepenalty\@M
353     \Huge \bfseries #1\par\nobreak
354     \vskip 40\p@
355 }}
356 \newcommand\section{\@startsection {section}{1}{\z@}%
357     {-3.5ex \@plus -1ex \@minus -.2ex}%

```

```

358             {2.3ex \@plus.2ex}%
359             {\normalfont\Large\bfseries}}
360 \newcommand\subsection{\@startsection{subsection}{2}{\z@}%
361             {-3.25ex\@plus -1ex \@minus -.2ex}%
362             {1.5ex \@plus .2ex}%
363             {\normalfont\large\bfseries}}
364 \newcommand\subsubsection{\@startsection{subsubsection}{3}{\z@}%
365             {-3.25ex\@plus -1ex \@minus -.2ex}%
366             {1.5ex \@plus .2ex}%
367             {\normalfont\normalsize\bfseries}}
368 \newcommand\paragraph{\@startsection{paragraph}{4}{\z@}%
369             {3.25ex \@plus1ex \@minus.2ex}%
370             {-1em}%
371             {\normalfont\normalsize\bfseries}}
372 \newcommand\subparagraph{\@startsection{subparagraph}{5}{\parindent}%
373             {3.25ex \@plus1ex \@minus .2ex}%
374             {-1em}%
375             {\normalfont\normalsize\bfseries}}
376 \if@twocolumn
377   \setlength\leftmargini {2em}
378 \else
379   \setlength\leftmargini {2.5em}
380 \fi
381 \leftmargin \leftmargini
382 \setlength\leftmarginii {2.2em}
383 \setlength\leftmarginiii {1.87em}
384 \setlength\leftmarginiv {1.7em}
385 \if@twocolumn
386   \setlength\leftmarginv {.5em}
387   \setlength\leftmarginvi {.5em}
388 \else
389   \setlength\leftmarginv {1em}
390   \setlength\leftmarginvi {1em}
391 \fi
392 \setlength \labelsep {.5em}
393 \setlength \labelwidth{\leftmargini}
394 \addtolength\labelwidth{-\labelsep}
395 \@beginparpenalty -\@lowpenalty
396 \@endparpenalty -\@lowpenalty
397 \@itempenalty -\@lowpenalty
398 \renewcommand\theenumi{\@arabic\c@enumi}
399 \renewcommand\theenumii{\@alph\c@enumii}
400 \renewcommand\theenumiii{\@roman\c@enumiii}
401 \renewcommand\theenumiv{\@Alph\c@enumiv}
402 \newcommand\labelenumi{\theenumi.}
403 \newcommand\labelenumii{(\theenumii)}
404 \newcommand\labelenumiii{\theenumiii.}
405 \newcommand\labelenumiv{\theenumiv.}
406 \renewcommand\p@enumii{\theenumi}
407 \renewcommand\p@enumiii{\theenumi(\theenumii)}

```

```

408 \renewcommand\p@enumiv{\p@enumiii\theenumiii}
409 \newcommand\labelitemi{\textbullet}
410 \newcommand\labelitemii{\normalfont\bfseries \textendash}
411 \newcommand\labelitemiii{\textasteriskcentered}
412 \newcommand\labelitemiv{\textperiodcentered}
413 \newenvironment{description}
414     {\list{}{\labelwidth\z@ \itemindent-\leftmargin
415             \let\makelabel\descriptionlabel}}
416     {\endlist}
417 \newcommand*\descriptionlabel[1]{\hspace\labelsep
418                               \normalfont\bfseries #1}
419 \newenvironment{verse}
420     {\let\\\@centercr
421      \list{}{\itemsep \z@
422             \itemindent -1.5em%
423             \listparindent\itemindent
424             \rightmargin \leftmargin
425             \advance\leftmargin 1.5em}%
426     \item\relax}
427     {\endlist}
428 \newenvironment{quotation}
429     {\list{}{\listparindent 1.5em%
430             \itemindent \listparindent
431             \rightmargin \leftmargin
432             \parsep \z@ \@plus\p@}%
433     \item\relax}
434     {\endlist}
435 \newenvironment{quote}
436     {\list{}{\rightmargin\leftmargin}%
437     \item\relax}
438     {\endlist}
439 \if@compatibility
440 \newenvironment{titlepage}
441     {%
442     \cleardoublepage
443     \if@twocolumn
444     \@restonecoltrue\onecolumn
445     \else
446     \@restonecolfalse\newpage
447     \fi
448     \thispagestyle{empty}%
449     \setcounter{page}\z@
450     }%
451     {\if@restonecol\twocolumn \else \newpage \fi
452     }
453 \else
454 \newenvironment{titlepage}
455     {%
456     \cleardoublepage
457     \if@twocolumn

```

```

458     \@restonecoltrue\onecolumn
459     \else
460     \@restonecolfalse\newpage
461     \fi
462     \thispagestyle{empty}%
463     \setcounter{page}\@ne
464   }%
465   {\if@restonecol\twocolumn \else \newpage \fi
466    \if@twoside\else
467     \setcounter{page}\@ne
468    \fi
469   }
470 \fi

```

`\appendix` In order to correctly modify the appendix environment, an extra dot is added to the `\gdef\thechapter{\@Alph\c@chapter}` code line:

```

471 \newcommand\appendix{\par
472  \setcounter{chapter}{0}%
473  \setcounter{section}{0}%
474  \gdef\@chapapp{\appendixname}%
475  \gdef\thechapter{\@Alph\c@chapter.}}
476 \setlength\arraycolsep{5\p@}
477 \setlength\tabcolsep{6\p@}
478 \setlength\arrayrulewidth{.4\p@}
479 \setlength\doublerulesep{2\p@}
480 \setlength\tabbingsep{\labelsep}
481 \skip\@mpfootins = \skip\footins
482 \setlength\fbboxsep{3\p@}
483 \setlength\fbboxrule{.4\p@}
484 \@addtoreset {equation}{chapter}

```

`\theequation` The dot after `\thechapter` is eliminated in order to print the equation numbering correctly (without an extra dot):

```

485 \renewcommand\theequation
486  {\ifnum \c@chapter>\z@ \thechapter\fi \@arabic\c@equation}
487 \newcounter{figure}[chapter]

```

`\thefigure` Similarly, an extra dot is added in `\thefigure`:

```

488 \renewcommand \thefigure
489  {\ifnum \c@chapter>\z@ \thechapter\fi \@arabic\c@figure.}
490 \def\fps@figure{tbp}
491 \def\ftype@figure{1}
492 \def\ext@figure{lof}

```

`\fnum@figure` The order between `\figurename` and `\thefigure` is changed. On the other hand, `\textbf{}` command is added:

```

493 \def\fnum@figure{\textbf{\thefigure\nobreakspace\figurename}}
494 \newenvironment{figure}
495     {\@float{figure}}
496     {\end@float}
497 \newenvironment{figure*}

```

```

498             {\@dblfloat{figure}}
499             {\end@dblfloat}
500 \newcounter{table}[chapter]

\thetable  The same changes as in \thefigure and \fnum@figure are applied to \thetable
\fnum@table and \fnum@table:

501 \renewcommand \thetable
502   {\ifnum \c@chapter>\z@ \thechapter\fi \@arabic\c@table.}
503 \def\fps@table{tbp}
504 \def\ftype@table{2}
505 \def\ext@table{lot}
506 \def\fnum@table{\textbf{\thetable\nobreakspace\tablename}}
507 \newenvironment{table}
508   {\@float{table}}
509   {\end@float}
510 \newenvironment{table*}
511   {\@dblfloat{table}}
512   {\end@dblfloat}
513 \newlength\abovecaptionskip
514 \newlength\belowcaptionskip
515 \setlength\abovecaptionskip{10\p@}

\belowcaptionskip  The length of \belowcaptionskip is changed from 0p@ to 10p@ in order to improve
the readability of the captions of figures and tables:

516 \setlength\belowcaptionskip{10\p@}

\captionwidth  For the same reason, the width for table and figure captions is redefined:

517 \newlength{\@contcwidth}
518 \newcommand{\captionwidth}[1]{\setlength{\@contcwidth}{#1}}
519 \captionwidth{0.85\textwidth}

\@makecaption  The “:” is changed by \textbf{.} in the caption environment. Moreover, the font
size of the caption is changed to \small and the new caption width is applied2:

520 \long\def\@makecaption#1#2{%
521 \centering
522 \parbox{\@contcwidth}{
523   \vskip\abovecaptionskip
524   \sbox\@tempboxa{\small #1\textbf{.} #2}%
525   \ifdim \wd\@tempboxa >\hsize
526     \small #1\textbf{.} #2\par
527   \else
528     \global \@minipagefalse
529     \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
530   \fi
531   \vskip\belowcaptionskip}%end parbox
532 } %end \@makecaption
533 \DeclareOldFontCommand{\rm}{\normalfont\rmfamily}{\mathrm}
534 \DeclareOldFontCommand{\sf}{\normalfont\sffamily}{\mathsf}
535 \DeclareOldFontCommand{\tt}{\normalfont\ttfamily}{\mathtt}

```

²Changes applied in the caption environment are the main changes from version v1.05 to version v1.20.

```

536 \DeclareOldFontCommand{\bf}{\normalfont\bfseries}{\mathbf}
537 \DeclareOldFontCommand{\it}{\normalfont\itshape}{\mathit}
538 \DeclareOldFontCommand{\sl}{\normalfont\slshape}{\nomath\sl}
539 \DeclareOldFontCommand{\sc}{\normalfont\scshape}{\nomath\sc}
540 \DeclareRobustCommand*{\cal}{\@fontswitch\relax\mathcal}
541 \DeclareRobustCommand*{\mit}{\@fontswitch\relax\mathnormal}
542 \newcommand\@pnumwidth{1.55em}
543 \newcommand\@tocrmarg{2.55em}
544 \newcommand\@dotsep{4.5}
545 \setcounter{tocdepth}{2}
546 \newcommand\tableofcontents{%
547     \if@twocolumn
548         \@restonecoltrue\onecolumn
549     \else
550         \@restonecolfalse
551     \fi
552     \chapter*{\contentsname
553         \@mkboth{%
554             \MakeUppercase\contentsname}{\MakeUppercase\contentsname}}%
555     \@starttoc{toc}%
556     \if@restonecol\twocolumn\fi
557 }
558 \newcommand*{\l@part[2]}{%
559     \ifnum \c@tocdepth >-2\relax
560         \addpenalty{-\@highpenalty}%
561         \addvspace{2.25em \@plus\p@}%
562         \setlength\@tempdima{3em}%
563         \begingroup
564             \parindent \z@ \rightskip \@pnumwidth
565             \parfillskip -\@pnumwidth
566             {\leavevmode
567                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
568             \nobreak
569             \global\@nobreaktrue
570             \everypar{\global\@nobreakfalse\everypar{}}%
571         \endgroup
572     \fi}
573 \newcommand*{\l@chapter[2]}{%
574     \ifnum \c@tocdepth >\m@ne
575         \addpenalty{-\@highpenalty}%
576         \vskip 1.0em \@plus\p@
577         \setlength\@tempdima{1.5em}%
578         \begingroup
579             \parindent \z@ \rightskip \@pnumwidth
580             \parfillskip -\@pnumwidth
581             \leavevmode \bfseries
582             \advance\leftskip\@tempdima
583             \hskip -\leftskip
584             #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
585             \penalty\@highpenalty

```

```

586 \endgroup
587 \fi}
588 \newcommand*\l@section{\@dottedtocline{1}{1.5em}{2.3em}}
589 \newcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
590 \newcommand*\l@subsubsection{\@dottedtocline{3}{7.0em}{4.1em}}
591 \newcommand*\l@paragraph{\@dottedtocline{4}{10em}{5em}}
592 \newcommand*\l@subparagraph{\@dottedtocline{5}{12em}{6em}}
593 \newcommand\listoffigures{%
594 \if@twocolumn
595 \@restonecoltrue\onecolumn
596 \else
597 \@restonecolfalse
598 \fi
599 \chapter*{\listfigurename}%
600 \mkboth{\MakeUppercase\listfigurename}%
601 \MakeUppercase\listfigurename}%
602 \@starttoc{lof}%
603 \if@restonecol\twocolumn\fi
604 }
605 \newcommand*\l@figure{\@dottedtocline{1}{1.5em}{2.3em}}
606 \newcommand\listoftables{%
607 \if@twocolumn
608 \@restonecoltrue\onecolumn
609 \else
610 \@restonecolfalse
611 \fi
612 \chapter*{\listtablename}%
613 \mkboth{%
614 \MakeUppercase\listtablename}%
615 \MakeUppercase\listtablename}%
616 \@starttoc{lot}%
617 \if@restonecol\twocolumn\fi
618 }
619 \let\l@table\l@figure
620 \newdimen\bibindent
621 \setlength\bibindent{1.5em}
622 \newenvironment{thebibliography}[1]
623 {\chapter*{\bibname}%
624 \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
625 \list{\@biblabel{\@arabic\c@enumiv}}%
626 {\settowidth\labelwidth{\@biblabel{#1}}%
627 \leftmargin\labelwidth
628 \advance\leftmargin\labelsep
629 \@openbib@code
630 \usecounter{enumiv}%
631 \let\p@enumiv\@empty
632 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
633 \sloppy
634 \clubpenalty4000
635 \@clubpenalty \clubpenalty

```

```

636     \widowpenalty4000%
637     \sfcode'\.\@m}
638     {\def\@noitemerr
639       {\@latex@warning{Empty 'thebibliography' environment}}}%
640     \endlist}
641 \newcommand\newblock{\hskip .11em\@plus.33em\@minus.07em}
642 \let\@openbib@code\@empty
643 \newenvironment{theindex}
644     {\if@twocolumn
645       \@restonecolfalse
646       \else
647         \@restonecoltrue
648         \fi
649       \twocolumn[\@makeschapterhead{\indexname}]}%
650     {\mkboth{\MakeUppercase\indexname}%
651       {\MakeUppercase\indexname}%
652       \thispagestyle{plain}\parindent\z@
653       \parskip\z@ \@plus .3\p@\relax
654       \columnseprule \z@
655       \columnsep 35\p@
656       \let\item\@idxitem}
657     {\if@restonecol\onecolumn\else\clearpage\fi}
658 \newcommand\@idxitem{\par\hangindent 40\p@}
659 \newcommand\subitem{\@idxitem \hspace*{20\p@}}
660 \newcommand\subsubitem{\@idxitem \hspace*{30\p@}}
661 \newcommand\indexspace{\par \vskip 10\p@ \@plus5\p@ \@minus3\p@\relax}
662 \renewcommand\footnoterule{%
663   \kern-3\p@
664   \hrule\@width.4\columnwidth
665   \kern2.6\p@}
666 \@addtoreset{footnote}{chapter}
667 \newcommand\@makefnmark[1]{%
668   \parindent 1em%
669   \noindent
670   \hb@xt@1.8em{\hss\@makefnmark}#1}

```

\contentsname The names for the table of contents, list of figures, list of tables, bibliography, etc.
\listfigurename are defined in Basque taking into account the uppercase and lowercase letters³:

```

\listtablename 671 \newcommand\contentsname{Aurkibidea}
  \bibname     672 \newcommand\listfigurename{Irudien zerrenda}
  \indexname   673 \newcommand\listtablename{Taulen zerrenda}
  \figurename  674 \newcommand\bibname{Bibliografia}
               675 \newcommand\indexname{Indizea}
               676 \newcommand\figurename{irudia}
               677 \newcommand\tablename{taula}
               678 \newcommand\partname{atala}
               679 \newcommand\chaptername{k\vspace{0.01cm}apitulua}
               680 \newcommand\appendixname{eranskina}

```

³Uppercase and lowercase letters are not correctly addressed by the basque babel package. For this reason, the use of this package is not recommended.

`\today` Finally, the current date is defined using the command `\eusdata` provided by the package `basque-date` (available from CTAN):

```
681 \def\today{\eusdata}
682 \setlength\columnsep{10\p@}
683 \setlength\columnseprule{0\p@}
684 \pagestyle{headings}
685 \pagenumbering{arabic}
686 \if@twoside
687 \else
688   \raggedbottom
689 \fi
690 \if@twocolumn
691   \twocolumn
692   \sloppy
693   \flushbottom
694 \else
695   \onecolumn
696 \fi
```