

User's Guide to the `evautofl` package*

Emanuele Vicentini
(`emanuelevicentini at yahoo dot it`)

2005/01/20

Abstract

This package provides an environment within which pages are framed with cut lines and printed with punch-marks, so that printed text can easily be inserted into a filofax or binder.

Contents

1	Brief Introduction	1
2	About the Style	2
3	Wrapping <code>pstops</code> for an easy use	3
4	The Style File	3
4.1	Preliminaries	3
4.2	Options and required packages	3
4.3	Calendar Setup	4
4.4	Output routines	4
4.5	Punchmarks	6
4.6	The frame	8
4.7	Autofilo's options	10
4.8	Autofilo environment	11
	References	12

1 Brief Introduction

For the original documentation see the files `calguide.tex` and `autofilo.dtx` distributed in the L^AT_EX Calendar Bundle.

The original code has been brutally hacked to “cut” the coupled pages so now it is possible to mangle the output with `pstops` or `psnup` to have, say, two or more pages on a single sheet and with a duplex printer (or a simplex one and a lot of patience) save a lot of paper. For a brief introduction to `pstops` see §3.

*This file is version number 0.3; it was last revised on 2005/01/20. Many thanks to Geert Kloosterman for the priceless bug reports.

This manual is typeset according to the conventions of the L^AT_EX DOC-STRIP utility which enables the automatic extraction of the L^AT_EX macro source files [GMS94].

2 About the Style

This style provides a rough solution to the design problem it addresses, but it does work. Pages are always printed in landscape, rotated using the `lscap` package from the `graphics` bundle, and centered on the physical paper¹. It accepts two options, `twocolumn` (the default) and `fourcolumn`.

The style provides an environment called `autofilo`. Most often, users of this package will be style authors who want to incorporate it into other environments that do more specific things. Because `autofilo` accepts several `keyval`-style parameters, style authors may have a use for documentation for those optional parameters. So here is some sample documentation:

punchcluster Most filofaxes have two or more clusters or groups of punches to hold the pages in place. This option sets the number of punches in each cluster. The default is three.

intraspace This governs the space between punchouts within a group. The default is 19.25mm.

punchgroups This option sets the number of groups of punches. The default is two groups.

interspace This option sets the distance between the groups of punches. The default is 51.25mm.

pageheight This fixes the height of a filofax page (not the physical paper on which it is printed). The default is 172mm.

pagewidth This fixes the width of an individual page. The physical printed area will be twice this figure. The default is 95mm, for a 190mm printed area.

grip This adjusts the distance from the edge of the page to the outer edge of the punchouts. Defaults to 5mm.

punchmargin This adjusts the distance from the edge of the text to the inner edge of the punchouts. Defaults to 2mm.

punchpoints Size, in points, of punchouts². Defaults to 15.

topspace Gap between top of filofax page and top of text page.

bottomspace Gap between bottom of filofax page and bottom of text page.

¹As a technical note, the frame itself is not rotated, because it is inserted independently of the output boxes controlled by the L^AT_EX output routine. The output modes (two-column, and a hacked-together four-column mode) have been modified to understand blocks of text as `\hboxes` to be laid atop one another, rather than as `\vboxes` to be set alongside one another.

²Please, note that the original documentation reads `punchsize` but the option name is really `punchpoints`. Also, take care to write no dimension specification after the number.

`jawspread` If set to a positive length, this places a set of rules the width of the punchmarks on either side of each punchhole, centered on its center and spread the distance specified. This can be useful as a guide with some one-hole punches that are designed to be used “blind”.

`jawline` Sets the width of the lines used to make jawmarks. The default value is 0.4pt.

3 Wrapping pstops for an easy use

Courtesy of Geert Kloosterman, here follows a script that wrap `pstops` and some of its many options in an easier command line program: all you need is the `psutils` bundle and a sh-compatible shell (ash, bash, ksh, etc.). Please, note that this script is suitable only for A4 paper size, but can be easily customized.

```
#!/bin/sh

# duplex-calendar -- print the evautlfl output 3 sheets per side (A4)
# Geert Kloosterman 2005-01-11

if [ -z "$1" ]; then
  echo "Usage: $(basename "$0") <calendar-file.ps>" 1>&2
  echo 1>&2
  echo "Redirect the output to a file or your printer." 1>&2
  echo "Make sure your printer is in tumble mode when printing." 1>&2
  exit 1
fi

shift=9.6cm
pstops -pa4 \
  "6:0(0,$shift)+2(0,0cm)+4(0,-$shift),1(0,-$shift)+3(0,0cm)+5(0,$shift)" \
  "$1"
```

4 The Style File

4.1 Preliminaries

Use $\text{\LaTeX} 2_{\epsilon}$, and tell the user who we are.

```
1 \<style>
2 \NeedsTeXFormat{LaTeX2e}[1995/06/01]
3 \ProvidesPackage{evautofl}[2005/01/20 v0.3 Filofax page outlines]
```

4.2 Options and required packages

We need a boolean to process our sole option.

```
4 \newif\if@usequadruplecolumn
```

We provide four columns as an option. Two columns (one for each side of what will be the filofax page) will be the default.

```
5 \DeclareOption{fourcolumn}{\@usequadruplecolumntrue}
```

Process the option if present, and load supporting packages.

```
6 \ProcessOptions
7 \RequirePackage{lscap}
8 \RequirePackage{keyval}
```

4.3 Calendar Setup

Declare some variables.

```
9 \newif\if@quadruplecolumn
10 \newbox\@leftleftcolumn
11 \newbox\@letrightcolumn
12 \newbox\@rightleftcolumn
13 \newbox\@rightrightcolumn
14 \newcount\af@punchcluster
15 \newcount\af@punchgroups
16 \newlength\af@interspace
17 \newlength\af@intraspace
18 \newlength\af@grip
19 \newlength\af@punchmargin
20 \newcount\af@punchsize
21 \newlength\af@punchwidth
22 \newlength\af@halfpunchwidth
23 \newcount\af@subtempcount
24 \newcount\af@tempcount
25 \newlength\af@textwidth
26 \newlength\af@marginrel
27 \newlength\af@halftextwidth
28 \newlength\af@textheight
29 \newlength\af@topmargin
30 \newlength\af@bottommargin
31 \newcount\col@no
32 \newlength\af@jawsread
33 \newlength\af@halfjawsread
34 \newlength\af@jawline
```

`\quadruplecolumn` We'll need a macro to turn on the four-column mode. This is just a modified version of `\twocolumn` in the L^AT_EX distribution.

```
35 \def\quadruplecolumn{%
36   \clearpage
37   \global\columnwidth\textwidth
38   \global\advance\columnwidth-3\columnsep
39   \global\divide\columnwidth by4\relax
40   \global\hsize\columnwidth
41   \global\linewidth\columnwidth
42   \global\@twocolumntrue
43   \global\@quadruplecolumntrue
44   \global\@firstcolumntrue
45   \col@number=4\relax}
```

4.4 Output routines

`\@opcol` Catch the output routine when the new mode is in effect.

```
46 \def\@opcol{%
```

```

47 \iftwocolumn
48 \ifquadruplecolumn
49 \outputqdrplcol
50 \else
51 \outputdblcol
52 \fi
53 \else
54 \outputpage
55 \fi
56 \global \mparbottom \z@ \global \textfloatsheight \z@
57 \floatplacement}

```

`\outputqdrplcol` Add a new output routine for the new mode, and a modified version of the two-column output routine. Note that these work *only* inside the landscape environment.

`\outputdblcol`

```

58 \def\outputqdrplcol{%
59 \ifcase\col@no
60 \global\@firstcolumnfalse
61 \global\setbox\@leftleftcolumn \box\@outputbox
62 \or
63 \global\setbox\@leftrightcolumn \box\@outputbox
64 \setbox\@outputbox \vbox to \textwidth{%
65 \vss
66 \hb@xt@ \textheight{%
67 \vrule height \columnwidth
68 depth Opt
69 width Opt
70 \box\@leftrightcolumn
71 \hss}%
72 \vskip\columnsep
73 \hb@xt@ \textheight{%
74 \vrule height \columnwidth
75 depth Opt
76 width Opt
77 \box\@leftleftcolumn
78 \hss}%
79 \vskip\af@halfwidth}%
80 \@combinedblfloats
81 \outputpage
82 \begingroup
83 \dblfloatplacement
84 \startdblcolumn
85 \@whilesw\if@fcolmade \fi
86 {\@outputpage\startdblcolumn}%
87 \endgroup
88 \or
89 \global\setbox\@rightleftcolumn \box\@outputbox
90 \or
91 \global\@firstcolumntrue
92 \global\setbox\@rightrightcolumn \box\@outputbox
93 \setbox\@outputbox \vbox to \textwidth{%
94 \hb@xt@ \textheight{%
95 \vrule height \columnwidth
96 depth Opt

```

```

97         width Opt
98     \box\@rightrightcolumn
99     \hss}%
100 \vskip\columnsep
101 \hb@xt@ \textheight{%
102     \vrule height \columnwidth
103         depth Opt
104         width Opt
105     \box\@rightleftcolumn
106     \hss}%
107     \vfil}%
108 \@combinedblfloats
109 \@outputpage
110 \begingroup
111     \@dblfloatplacement
112     \@startdblcolumn
113     \@whilesw\if@fcolmade \fi
114     {\@outputpage\@startdblcolumn}%
115 \endgroup
116 \fi
117 \global\advance\col@no by 1
118 \ifnum\col@no=4
119     \global\col@no=0
120 \fi}
121 \def\@outputdblcol{%
122     \if@firstcolumn
123         \global\@firstcolumnfalse
124         \setbox\@outputbox \vbox to \textwidth{%
125             \vss
126             \hbox to \textheight{%
127                 \box\@outputbox}%
128             \vskip\af@halftextwidth}%
129     \else
130         \global\@firstcolumntrue
131         \setbox\@outputbox \vbox to \textwidth{%
132             \hbox to \textheight{%
133                 \box\@outputbox}%
134             \vfil}%
135     \fi
136 \@combinedblfloats
137 \@outputpage
138 \begingroup
139     \@dblfloatplacement
140     \@startdblcolumn
141     \@whilesw\if@fcolmade \fi
142     {\@outputpage\@startdblcolumn}%
143 \endgroup}

```

4.5 Punchmarks

`\af@circle` We use circles to make punchmarks. When making circles, \TeX will put the center of the circle at point, but consume horizontal space equal to the full diameter of the circle. To compensate, we need to skip forward by radius, and back again after

laying each circle.

```
144 \def\af@circle{%
145   \hbox{%
146     \hskip\af@halfpunchwidth
147     \ifnum\af@jawsread>0
148       \hskip-\af@halfjawsread
149       \hskip-\af@jawline
150       \vrule depth \af@halfpunchwidth
151         height \af@halfpunchwidth
152         width \af@jawline
153       \hskip\af@halfjawsread
154     \else
155       \vrule depth \af@halfpunchwidth
156         height \af@halfpunchwidth
157         width Opt
158     \fi
159   \hbox to Opt{\hidewidth\circle{\af@punchsize}\hidewidth}%
160   \ifnum\af@jawsread>0
161     \hskip\af@halfjawsread
162     \vrule depth \af@halfpunchwidth
163       height \af@halfpunchwidth
164       width \af@jawline
165     \hskip-\af@halfjawsread
166     \hskip-\af@jawline
167   \fi
168   \hskip-\af@halfpunchwidth}}
```

`\af@group` We define a looping command that lays down a cluster of circles. Grouping allows this loop to be nested in another.

```
169 \def\af@group{%
170   \beginloop
171     \af@tempcount=0
172     \af@circle
173   \loop
174     \advance\af@tempcount by 1
175     \ifnum\af@tempcount<\af@punchcluster
176       \hskip\af@intraspace
177       \af@circle
178     \repeat
179   \endloop}
```

`\af@circles` We define a command that lays down a set of clusters (groups).

```
180 \def\af@circles{%
181   \af@tempcount=0
182   \af@group
183   \loop
184     \advance\af@tempcount by 1
185     \ifnum\af@tempcount<\af@punchgroups
186       \hskip\af@interspace
187       \af@group
188     \repeat
189   \af@tempcount=0}
```

`\af@punches` The following command creates a set of punchmarks.

```
190 \def\af@punches{%
191   \ifnum\af@punchgroups>0
192     \hbox to \af@textheight{%
193       \hfil\af@circles
194       \relax\hfil}%
195   \fi}
```

4.6 The frame

The following creates a frame. The model was lifted from the `geometry` package. The `\@@@innerframe` macro of the original `autofilo` package has been split into two new macros which draw different frames on the left and right pages of the `filofax`.

`\@@@innerframeleft` The following macro is used to draw the frame on the left pages, so the punchmarks are on the right side.

```
196 \def\@@@innerframeleft{%
197   \moveright-\af@topmargin%
198   \vbox to Opt{%
199     \vskip\topmargin%
200     \vbox to Opt{\hrule width\af@textheight\vss}%
201     \hbox to \af@textheight{\llap{\vrule height0.5\af@textwidth}%
202       \hfil\vrule height0.5\af@textwidth}%
203     \vbox to Opt{\hrule width\af@textheight\vss}%
204     \vskip-\af@halfwidth%
205     \vskip\af@grip%
206     \nointerlineskip\af@punches\nointerlineskip%
207     \vss}}%
```

`\@@@innerframeright` The following macro is used to draw the frame on the right pages, so the punchmarks are on the left side.

```
208 \def\@@@innerframeright{%
209   \moveright-\af@topmargin%
210   \vbox to Opt{%
211     \vskip\topmargin%
212     \vbox to Opt{\hrule width\af@textheight\vss}%
213     \hbox to \af@textheight{\llap{\vrule height0.5\af@textwidth}%
214       \hfil\vrule height0.5\af@textwidth}%
215     \vbox to Opt{\hrule width\af@textheight\vss}%
216     \vskip-\af@punchwidth%
217     \vskip-\af@grip%
218     \nointerlineskip\af@punches\nointerlineskip%
219     \vss}}%
```

`\@outputpage` A further modification of the output routine, this time to put the frame in place. This, too, is lifted from `geometry`. It has been modified only slightly, but we drop L^AT_EX 2.09 support altogether.

```
220 \newif\if@lATEXtwoe
221 \@ifundefined{if@compatibility}{\@lATEXtwoefalse}{\@lATEXtwoetrue}%
222 \if@lATEXtwoe
223   \def\@outputpage{%
224     \begingroup % the \endgroup is put in by \aftergroup
```



```

225 \let\protect\noexpand
226 \@resetactivechars
227 \let\-\@dischyph
228 \let\'@acci\let\'@accii\let\=@acciii
229 \let\\\@normalcr
230 \let\par\@par
231 \shipout \vbox{%
232   \set@typeset@protect
233   \aftergroup \endgroup
234   \aftergroup \set@typeset@protect
235   \if@specialpage
236     \global\@specialpagefalse
237     \@nameuse{ps@\@specialstyle}%
238   \fi
239   \if@twoside
240     \ifodd\count\z@
241       \let\@thehead\@oddhead
242       \let\@thefoot\@oddfoot
243       \let\@themargin\oddsidemargin
244     \else
245       \let\@thehead\@evenhead
246       \let\@thefoot\@evenfoot
247       \let\@themargin\evensidemargin
248     \fi
249   \fi
250   \reset@font
251   \normalsize
252   \baselineskip\z@skip \lineskip\z@skip \lineskiplimit\z@
253   \@begindvi
254   \moveright\@themargin
255   \vtop{%
256     \ifodd\count\z@
257       \@@@innerframerright
258     \else
259       \@@@innerframeleft
260     \fi
261     \vskip\topmargin
262     \vskip\af@marginrel
263     \moveright\af@topmargin
264     \vbox{%
265       \setbox\@tempboxa \vbox to \headheight{%
266         \vfil
267         \color@hbox
268         \normalcolor
269         \hb@xt@\textwidth{%
270           \let\label\@gobble
271           \let\index\@gobble
272           \let\glossary\@gobble
273           \@thehead}%
274         \color@endbox}%
275     \dp\@tempboxa\z@
276     \box\@tempboxa
277     \vskip\headsep
278     \box\@outputbox

```

```

279         \baselineskip \footskip
280         \color@hbox
281         \normalcolor
282         \hb@xt@\textwidth{%
283             \let\label\@gobble
284             \let\index\@gobble
285             \let\glossary\@gobble
286             \@thefoot}%
287         \color@endbox}}}%
288     \global\@colht\textheight
289     \stepcounter{page}%
290     \let\firstmark\botmark
291 }%
292 \else
293   \message{Sorry, evautofl.sty works only with LaTeX2e}
294 \fi

```

4.7 Autofiló's options

Set some global parameters.

```

295 \headheight=0pt
296 \headsep=0pt
297 \footskip=0pt
298 \marginparwidth=0pt
299 \marginparsep=0pt
300 \pagestyle{empty}
301 \parindent=0pt
302 \raggedbottom
303 \columnseprule=0pt
304 \raggedright

```

Some option definitions.

```

305 \define@key{opt}{pageheight}{%
306   \af@textheight=#1\relax}
307 \define@key{opt}{pagewidth}{%
308   \af@halftextwidth=#1\relax}
309 \define@key{opt}{columnsep}{%
310   \columnsep=#1\relax}
311 \define@key{opt}{punchcluster}{%
312   \af@punchcluster=#1}
313 \define@key{opt}{punchgroups}{%
314   \af@punchgroups=#1}
315 \define@key{opt}{interspace}{%
316   \af@interspace=#1}
317 \define@key{opt}{intraspace}{%
318   \af@intraspace=#1}
319 \define@key{opt}{grip}{%
320   \af@grip=#1}
321 \define@key{opt}{punchmargin}{%
322   \af@punchmargin=#1}
323 \define@key{opt}{punchpoints}{%
324   \af@punchsize=#1}
325 \define@key{opt}{topspace}{%
326   \af@topmargin=#1}

```

```

327 \define@key{opt}{bottomspace}{%
328   \af@bottommargin=#1}
329 \define@key{opt}{jawsread}{%
330   \af@jawsread=#1}
331 \define@key{opt}{jawline}{%
332   \af@jawline=#1}

```

The default values for the options.

```

333 \af@textheight=172mm
334 \af@halftextwidth=95mm
335 \columnsep=14pt
336 \af@punchcluster=3
337 \af@punchgroups=2
338 \af@interspace=51.25mm
339 \af@intraspace=19.25mm
340 \af@grip=5mm
341 \af@punchmargin=2mm
342 \af@punchsize=15
343 \af@topmargin=2pt
344 \af@bottommargin=0pt
345 \af@jawline=0.4pt

```

4.8 Autofilo environment

`\autofilo` The remaining dimensions must be calculated inside the landscape environment. We define that now.

```

346 \def\autofilo#1{%
347   \setkeys{opt}{#1}%
348   \af@textwidth=\paperwidth
349   \advance\af@textwidth by -\af@textheight
350   \divide\af@textwidth by 2
351   \oddsidemargin=-1in
352   \advance\oddsidemargin by \af@textwidth
353   \evensidemargin=-1in
354   \advance\evensidemargin by \af@textwidth
355   \af@textwidth=\paperheight
356   \advance\af@textwidth by -\af@halftextwidth
357   \divide\af@textwidth by 2
358   \topmargin=-1in
359   \advance\topmargin by \af@textwidth
360   \relax
361   \landscape
362   \af@halfjawsread=\af@jawsread
363   \divide\af@halfjawsread by 2
364   \af@punchwidth=\af@punchsize pt
365   \af@halfpunchwidth=\af@punchwidth
366   \divide\af@halfpunchwidth by 2
367   \textheight=\af@textheight
368   \advance\textheight by -\af@topmargin
369   \advance\textheight by -\af@bottommargin
370   \af@textwidth=\af@halftextwidth
371   \multiply\af@textwidth by 2
372   \textwidth=\af@textwidth
373   \advance\textwidth by -2\af@punchwidth

```

```

374 \advance\textwidth by -2\af@grip
375 \advance\textwidth by -2\af@punchmargin
376 \af@marginrel=\af@grip
377 \advance\af@marginrel by \af@punchmargin
378 \advance\af@marginrel by \af@punchwidth
379 \vsize=\textheight
380 \hsize=\textwidth
381 \@colroom=\vsize
382 \@colht=\vsize
383 \if@usequadruplecolumn
384   \quadruplecolumn
385 \else
386   \twocolumn
387 \fi}

```

`\af@punches` The end of the environment is a simple thing.

```

388 \def\endautofilo{%
389   \endlandscape}
390 </style>

```

References

- [GMS94] Michel Goossens, Frank Mittelbach and Alexander Samarin. *The L^AT_EX Companion*. Addison-Wesley Company, 1994.

Index

Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

Symbols	
\'	228
\-	227
\=	228
\@@@innerframeleft	<u>196</u> , 259
\@@@innerframeright	<u>208</u> , 257
\@@par	230
\@acci	228
\@accii	228
\@acciii	228
\@beginarvi	253
\@colht	288, 382
\@colroom	381
\@combinedblfloats	80, 108, 136
\@dblfloatplacement	83, 111, 139
\@dischyph	227
\@evenfoot	246
\@evenhead	245
\@firstcolumnfalse	60, 123
\@firstcolumntrue	44, 91, 130
\@floatplacement	57
\@gobble	270–272, 283–285
\@ifundefined	221
\@l ^{at} extwoefalse	221
\@l ^{at} extwoetrue	221
\@leftleftcolumn	10, 61, 77
\@leftrightcolumn	11, 63, 70
\@mparbottom	56
\@nameuse	237
\@normalcr	229
\@oddf ^{oot}	242
\@oddh ^{ead}	241
\@opcol	<u>46</u>
\@outputbox	61, 63, 64, 89, 92, 93, 124, 127, 131, 133, 278
\@outputdblcol	51, <u>58</u>
\@outputpage	54, 81, 86, 109, 114, 137, 142, <u>220</u>
\@outputqdrplcol	49, <u>58</u>
\@quadruplecolumntrue	43
\@resetactivechars	226
\@rightleftcolumn	12, 89, 105
\@rightrightcolumn	13, 92, 98
\@specialpagefalse	236
\@specialstyle	237
\@startdblcolumn	84, 86, 112, 114, 140, 142
\@tempboxa	265, 275, 276
\@textfloatsheight	56
\@the ^{foot}	242, 246, 286
\@the ^{head}	241, 245, 273
\@themargin	243, 247, 254
\@twocolumntrue	42
\@usequadruplecolumntrue	5
\@whilesw	85, 113, 141
\@	229
\'	228

A	
\advance	38, 117, 174, 184, 349, 352, 354, 356, 359, 368, 369, 373–375, 377, 378
\af@bottommargin	30, 328, 344, 369
\af@circle	<u>144</u> , 172, 177
\af@circles	<u>180</u> , 193
\af@grip	18, 205, 217, 320, 340, 374, 376
\af@group	<u>169</u> , 182, 187
\af@halfjawsread	33, 148, 153, 161, 165, 362, 363
\af@halfpunchwidth	22, 146, 150, 151, 155, 156, 162, 163, 168, 365, 366
\af@halftextwidth	27, 79, 128, 204, 308, 334, 356, 370
\af@interspace	16, 186, 316, 338
\af@intraspace	17, 176, 318, 339
\af@jawline	34, 149, 152, 164, 166, 332, 345
\af@jawsread	32, 147, 160, 330, 362
\af@marginrel	26, 262, 376–378
\af@punchcluster	14, 175, 312, 336
\af@punches	<u>190</u> , 206, 218, <u>388</u>
\af@punchgroups	15, 185, 191, 314, 337
\af@punchmargin	19, 322, 341, 375, 377
\af@punchsize	20, 159, 324, 342, 364
\af@punchwidth	21, 216, 364, 365, 373, 378
\af@subtempcount	23
\af@tempcount	24, 171, 174, 175, 181, 184, 185, 189
\af@textheight	28, 192, 200, 201, 203, 212, 213, 215, 306, 333, 349, 367
\af@textwidth	25, 201, 202, 213, 214, 348– 350, 352, 354–357, 359, 370–372
\af@topmargin	29, 197, 209, 263, 326, 343, 368

<code>\aftergroup</code>	224, 233, 234	<code>\headsep</code>	277, 296
<code>\autofilo</code>	346	<code>\hfil</code>	193, 194, 202, 214
B			
<code>\baselineskip</code>	252, 279	<code>\hidewidth</code>	159
<code>\begingroup</code>	82, 110, 138, 170, 224	<code>\hrule</code>	200, 203, 212, 215
<code>\botmark</code>	290	<code>\hsize</code>	40, 380
<code>\box</code>	61, 63, 70, 77, 89, 92, 98, 105, 127, 133, 276, 278	<code>\hskip</code>	146, 148, 149, 153, 161, 165, 166, 168, 176, 186
C			
<code>\circle</code>	159	<code>\hss</code>	71, 78, 99, 106
<code>\clearpage</code>	36	I	
<code>\col@no</code>	31, 59, 117–119	<code>\if@colmade</code>	85, 113, 141
<code>\col@number</code>	45	<code>\if@firstcolumn</code>	122
<code>\color@endbox</code>	274, 287	<code>\if@l@textwoe</code>	220, 222
<code>\color@hbox</code>	267, 280	<code>\if@quadruplecolumn</code>	9, 48
<code>\columnsep</code>	38, 72, 100, 310, 335	<code>\if@specialpage</code>	235
<code>\columnseprule</code>	303	<code>\if@twocolumn</code>	47
<code>\columnwidth</code> ...	37–41, 67, 74, 95, 102	<code>\if@twoside</code>	239
<code>\count</code>	240, 256	<code>\if@usequadruplecolumn</code>	4, 383
D			
<code>\DeclareOption</code>	5	<code>\ifcase</code>	59
<code>\def</code>	35, 46, 58, 121, 144, 169, 180, 190, 196, 208, 223, 346, 388	<code>\ifnum</code>	118, 147, 160, 175, 185, 191
<code>\define@key</code>	305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331	<code>\ifodd</code>	240, 256
<code>\divide</code>	39, 350, 357, 363, 366	<code>\index</code>	271, 284
<code>\dp</code>	275	L	
E			
<code>\else</code>	50, 53, 129, 154, 244, 258, 292, 385	<code>\label</code>	270, 283
<code>\endautofilo</code>	388	<code>\landscape</code>	361
<code>\endgroup</code> ..	87, 115, 143, 179, 224, 233	<code>\let</code>	225, 227–230, 241–243, 245–247, 270–272, 283–285, 290
<code>\endlandscape</code>	389	<code>\lineskip</code>	252
<code>\evensidemargin</code>	247, 353, 354	<code>\lineskiplimit</code>	252
F			
<code>\fi</code>	52, 55, 85, 113, 116, 120, 135, 141, 158, 167, 195, 238, 248, 249, 260, 294, 387	<code>\linewidth</code>	41
<code>\firstmark</code>	290	<code>\llap</code>	201, 213
<code>\footskip</code>	279, 297	<code>\loop</code>	173, 183
G			
<code>\global</code> ..	37–44, 56, 60, 61, 63, 89, 91, 92, 117, 119, 123, 130, 236, 288	M	
<code>\glossary</code>	272, 285	<code>\marginparsep</code>	299
H			
<code>\hb@xt@</code>	66, 73, 94, 101, 269, 282	<code>\marginparwidth</code>	298
<code>\hbox</code> .	126, 132, 145, 159, 192, 201, 213	<code>\message</code>	293
<code>\headheight</code>	265, 295	<code>\moveright</code>	197, 209, 254, 263
O			
		<code>\multiply</code>	371
N			
<code>\NeedsTeXFormat</code>	2		
<code>\newbox</code>	10–13		
<code>\newcount</code>	14, 15, 20, 23, 24, 31		
<code>\newif</code>	4, 9, 220		
<code>\newlength</code>	16–19, 21, 22, 25–30, 32–34		
<code>\noexpand</code>	225		
<code>\nointerlineskip</code>	206, 218		
<code>\normalcolor</code>	268, 281		
<code>\normalsize</code>	251		
O			
<code>\oddsidemargin</code>	243, 351, 352		
<code>\or</code>	62, 88, 90		

P		<code>\shipout</code> 231	
<code>\pagestyle</code>	300	<code>\stepcounter</code> 289	
<code>\paperheight</code>	355	T	
<code>\paperwidth</code>	348	<code>\textheight</code> 66, 73,	
<code>\par</code>	230	94, 101, 126, 132, 288, 367–369, 379	
<code>\parindent</code>	301	<code>\textwidth</code> 37, 64,	
<code>\ProcessOptions</code>	6	93, 124, 131, 269, 282, 372–375, 380	
<code>\protect</code>	225	<code>\topmargin</code> . . . 199, 211, 261, 358, 359	
<code>\ProvidesPackage</code>	3	<code>\twocolumn</code> 386	
Q		V	
<code>\quadruplecolumn</code>	35, 384	<code>\vbox</code> . . . 64, 93, 124, 131, 198, 200,	
R		203, 210, 212, 215, 231, 264, 265	
<code>\raggedbottom</code>	302	<code>\vfil</code> 107, 134, 266	
<code>\raggedright</code>	304	<code>\vrule</code> 67, 74, 95, 102,	
<code>\relax</code> . . 39, 45, 194, 306, 308, 310, 360		150, 155, 162, 201, 202, 213, 214	
<code>\repeat</code>	178, 188	<code>\vsize</code> 379, 381, 382	
<code>\RequirePackage</code>	7, 8	<code>\vskip</code> . . 72, 79, 100, 128, 199, 204,	
<code>\reset@font</code>	250	205, 211, 216, 217, 261, 262, 277	
S		<code>\vss</code> 65, 125, 200, 203, 207, 212, 215, 219	
<code>\set@typeset@protect</code>	232, 234	<code>\vtop</code> 255	
<code>\setbox</code>	61,	Z	
63, 64, 89, 92, 93, 124, 131, 265		<code>\z@</code> 56, 240, 252, 256, 275	
<code>\setkeys</code>	347	<code>\z@skip</code> 252	

Change History

v0.1		
	General: First public release; there are certainly some bugs	1
v0.2		
	<code>\@outputdblcol</code> : Corrected the “horizontal” shift of odd pages	5
	<code>\@outputqdrplcol</code> : Corrected the “horizontal” shift of odd pages	5
	General: Added a little, stupid example of use	1
	<code>\af@circle</code> : Wrapped <code>\circle</code> into a <code>0pt</code> box to avoid weird spacing effects	6
	<code>\af@group</code> : Added a final skip to reflect changes in <code>\af@circle</code> . . .	7
	<code>\af@punches</code> : Added a control to skip everything if <code>punchgroups</code>	
		is 0; removed a skip to reflect changes in <code>\af@circle</code> and <code>\af@circles</code>
		7
v0.3		
	<code>\@outputdblcol</code> : Corrected (really) the “horizontal” shift of odd pages	5
	<code>\@outputqdrplcol</code> : Corrected (really) the “horizontal” shift of odd pages	5
	<code>\af@circle</code> : Added a missing <code>\hidewidth</code> before <code>\circle</code> . . .	6
	<code>\af@group</code> : Removed the final skip (to reflect changes in <code>\af@circle</code>) which interfered with <code>punchgroups interspace</code> . .	7