Non-Floating Margin Notes with marginnote Package*

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Abstract

In LaTeX the command $\mbox{marginpar}[\langle left \rangle] \{\langle right \rangle\}$ might be used to create a note in the margin. But there is a problem with this command: it creates a special kind of float. For this it cannot be used e.g. at floats or footnotes. Package marginnote supports another command $\mbox{marginnote}$ to create notes in the margin. This does not use a kind of float and for this does not have the disadvantage of $\mbox{marginpar}$. But there might be other problems . . .

1 How to Use marginnote Package

First of all you have to load. You may use:

\usepackage{marginnote}

to do so.

\marginnote

The command \marginnote[\langle left\rangle] \{\langle right\rangle} \[\langle voffset \rangle \] my be used to set a margin note using marginnote. The first optional argument and the mandatory argument are same using \marginpar from the LATEX kernel. Even \reversemarginpar will be considered. The note \langle left\rangle \text{ or } \langle right\rangle \text{ will be put at the current vertical position. Second optional argument \langle voffset \rangle \text{ may be used to adjust the vertical position of the margin note. Use a negative dimension to move it up or a positive dimension to move it down.

\marginnoteleftadjust \marginnoterightadjust At some environments, e.g. framed from the framed package the horizontal placement of the margin notes are not correct. In this case you may redefine \marginnoteleftadjust and \marginnoterightadjust to fix this. Note that these are macros not lengths! So you have to use \renewcommand, \def or \let to change them. You may e.g. use

\begingroup

^{*}This file has version number v1.1d, last revised 2009/05/06.

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```
\makeatletter
  \g@addto@macro\framed{%
    \let\marginnoteleftadjust\FrameSep
    \let\marginnoterightadjust\FrameSep
 }
\endgroup
```

at your preamble after loading package framed to fix the problem using framed environment.

NOTE: \marginnoteleftadjust and \marginnoterightadjust will be used only, if the correct horizontal position cannot be determined using PDFTFX features (\pdfsavepos and \pdflastxpos). So if you are using PDFIATEX with PDF output or PDFIATEX with PDFTEX-version since 1.40 or XATEX you will not need to use the example code above, but you will need at least two IATEX runs to get the correct horizontal positions of the margin notes.

\marginnotetextwidth

\marginnotevadjust

\raggedleftmarginnote

\raggedrightmarginnote

Package marginnote needs to know the real width of the type area to find the right margin. While some environments (e.g. thos of package framed) change \textwidth, marginnote defines it's own text width macro. If you change type area after \begin{document} you should add

\edef\marginnotetextwidth{\the\textwidth}

after changing the type area. Maybe you should do this globally using \xdef instead of \edef. Most users will never need to change \marginnotetextwidth.

At some environments the vertical adjustment of the margin note will be wrong, e.g. one base line to low. In this case you may use the additional optional argument of \marginnote at every usage of \marginnote or redefine \marginnotevadjust at the begin of the environment. The default definition is Opt.

These macros define how the margin note will be aligned. The defaults are:

- align margin notes at the left margin right to the margin,
- align margin notes at the right margin left to the margin.

You may change this using \renewcommand, e.g. use

```
\renewcommand*{\raggedleftmarginnote}{}
\renewcommand*{\raggedrightmarginnote}{\centering}
```

to get justified text at the left and centered text at the right margin.

\marginfont

This macro defines the font that will be used to set margin notes. The default is \normalcolor. You may use \renewcommand to change this, e.g. use

```
\renewcommand*{\marginfont}{\color{red}\sffamily}
```

to get red colored margin notes in sans serif font family. You need to load e.g. package color to use \color.

2 Known Problems Using marginnote

At double side layout (e.g. using class option twoside) \marginnote needs to know the number of the current page to decide wether the page is odd or even and so wether to use left or right margin. LaTeX uses an asynchronous output. Because of this counter page should not be used to get the number of the current page unless you are at page head or foot. To solve the problem marginnote uses a mechanism similar to labels. But this means, that the correct margin won't be known at this LaTeX run but only at the next. So after adding or deleting a margin note or after each change of page break you need two LaTeX runs to get all margins right.

The command \marginnote uses \strut and \vadjust to put the margin note at the correct position. But under some circumstances this may fail. You may adjust the vertical position of the margin note using the second optional argument of \marginnote. Sometimes even the text outside \marginnote will be moved because of using \marginnote. There's currently no other solution for this problem then moving the \marginnote command.

Note: The margin note will be placed at the current vertical line. This means, if you are using two \marginnote commands at the same line, they will be put on the same place. This is not a bug but a feature!

Since release 1.1b \marginnote between paragraphs (in vertical mode) will place the note between the paragraphs instead of the end of the previous paragraph. You may use \leavevmode or the third optional argument of \marginnote to place it different.

No page break may occure inside a margin note created with \marginnote.

\marginnote somewhat different from \marginpar if used immediate after \item. This is not a bug, it's a feature!

With math \marginnote may work or may not depending on the math environment.

If you are using X_HT_EX, PDFI^AT_EX since version 1.40 or PDFI^AT_EX before version 1.40 with PDF output and the horizontal position of a margin note is wrong, do one more PDFI^AT_EX run.

Sometimes lines are stretched vertically using \marginnote, e.g. if you're using \marginnote at a list and upper case umlauts like "Ü" or if \lineskiplimit>Opt. In this case \lineskiplimit=-\maxdimen should help.

You should not use \marginnote at the optional argument of \item.

3 Implementation

First test ε -T_EX.

- 1 \begingroup
- 2 \def\@tempb{}%
- 3 \def\@tempa{%
- 4 \PackageError{marginnote}{seems you are not running e-TeX\@tempb}{%
- 5 Since 2004 the LaTeX team recommends to use e-TeX.\MessageBreak

```
marginnote since version 1.1d uses e-TeX features.\MessageBreak
6
        At actual systems 'latex' should already use e-TeX.\MessageBreak
7
        At deprecated systems it may be called 'elatex'.\MessageBreak
8
        Use either unsupported marginnote up to version 1.1c or\MessageBreak
9
        ask you administrator for LaTeX using e-TeX\@tempb.\MessageBreak
10
        Not using e-TeX\@tempb\space is a fatal error!\MessageBreak
11
12
        Processing cannot be continued!}%
13
      \endgroup
      \batchmode \errmessage{}\csname @@end\endcsname\end\relax
14
      \csname endinput\endcsname
15
    }%
16
    \expandafter\ifx\csname eTeXversion\endcsname\relax\else
17
      \ifnum\eTeXversion <2
18
        \def\@tempb{ V 2}%
19
      \else
20
        \let\@tempa\endgroup
21
      \fi
22
    \fi
23
24 \@tempa
```

Next declare and process the options.

\if@mn@verbose

Use verbose output mode by default. But you may change this using option quiet.

```
25 \newif\if@mn@verbose\@mn@verbosetrue
26 \DeclareOption{verbose}{\@mn@verbosetrue}
27 \DeclareOption{quiet}{\@mn@verbosefalse}
28 \ExecuteOptions{verbose}
```

29 \ProcessOptions\relax

\newmarginnote

We need a macro to define a new note at the aux file. This will be done using the mechanism of LaTeX that is used for \newlabel. But we use another prefix. This will result in the usual "Labels(s) may have changed. Rerun to get cross-references right." if a margin note is new or have moved to another page.

30 \newcommand*{\newmarginnote}{\@newl@bel{mn}}

\if@mn@pdfmode

We need to know, wether or not PDFT_EX and which version of PDFT_EX is used. With PDFT_EX the horizontal output position may be detected using \pdfsavepos and \pdflastxpos. So the relative position of the margin may be calculated. Without PDFT_EX only manual adjustment is available. While PDF mode or not may change before start of the document, setting up the switch is delayed.

```
31 \neq 0 \newif\if@mn@pdfmode\@mn@pdfmodefalse
32 \AtBeginDocument{%
    \begingroup\expandafter\expandafter\expandafter\endgroup
33
    \expandafter\ifx\csname pdflastxpos\endcsname\relax\else % bg or 1
34
      \begingroup\expandafter\expandafter\expandafter\endgroup
35
      \expandafter\ifx\csname pdftexversion\endcsname\relax % bg 2
36
        \begingroup\expandafter\expandafter\expandafter\endgroup
37
38
        \expandafter\ifx\csname pdfoutput\endcsname\relax % bg 3
39
          \begingroup\expandafter\expandafter\expandafter\endgroup
```

```
\expandafter\ifx\csname XeTeXrevision\endcsname\relax\else % bg 4
40
             \@mn@pdfmodetrue
41
           \fi % ed 4
42
        \else % or 3
43
           \ifcase\pdfoutput\else\@mn@pdfmodetrue\fi % bg ed 4
44
        \fi % ed 3
45
46
      \else % or 2
47
        \ifnum \pdftexversion<140 % bg 3
           \begingroup\expandafter\expandafter\expandafter\endgroup
48
           \verb|\expandafter\ifx\csname| pdfoutput\endcsname\relax \% bg 4
49
50
           \else % or 4
             \ifcase\pdfoutput\else\@mn@pdfmodetrue\fi % bg ed 5
51
           \fi % ed 4
52
        \else % or 3
53
           \@mn@pdfmodetrue
54
        \fi % ed 3
55
      \fi % ed 2
56
    \fi % ed 1
57
    \if@mn@verbose
58
59
      \if@mn@pdfmode
60
        \PackageInfo{marginnote}{%
           \string\pdfoutput\space not 0 and \string\pdflastxpos\space
61
          available.\MessageBreak
62
          Extended position detection mode activated\@gobble
63
64
        }%
      \else
65
        \PackageInfo{marginnote}{%
66
           either \string\pdflastxpos\space or \string\pdfoutput\space not
67
           available\MessageBreak
68
          or \string\pdfoutput\space set to 0.\MessageBreak
69
          Extended position detection mode deactivated\@gobble
70
71
72
      \fi
73
    \fi
74 }
```

\marginnotetextwidth

Some environments change **\textwidth**. But at PDF mode we need to know the real text width to find the right margin. So we use our own text width macro. Sometimes it may be usefull if the user can set it up. Because of this it is a user command.

```
75 \newcommand*{\marginnotetextwidth}{}
76 \let\marginnotetextwidth\textwidth
```

77 \AtBeginDocument{\if@mn@pdfmode\edef\marginnotetextwidth{\the\textwidth}\fi}

\@mn@margintest \@mn@thispage \@mn@currpage \@mn@currxpos mn@abspage Macro \@mn@margintest does the complete test, which margin to use. The result may be found at \if@tempswa. To avoid changes on the last page if there is a new note on the first page, try to count the notes by page. We know that this can not be successfull, but never the less it may be a good try. \@mn@thispage saves the page number of the last usage of \@mn@margintest. \@mn@atthispage

saves the number of margin note at this page. But we need to know the absolut page number to do this. So we increase the absolut page number mn@abspage at every $\@mn@currpage$ is the page from the page label if found. $\@mn@currxpos$ is somehow special. Using PDFTEX the real x position may be written with the page label and used to calculate the correct horizontal offset. In this case \marginnoteleftadjust and \marginnoterightadjust will not be used!

```
78 \newcommand*{\@mn@thispage}{}
79 \newcommand*{\@mn@currpage}{}
80 \newcommand*{\@mn@currxpos}{}
81 \newcounter{mn@abspage}
82 \AtBeginDocument{\setcounter{mn@abspage}{1}%
    \g@addto@macro\@outputpage{\stepcounter{mn@abspage}}}
84 \newcommand*{\@mn@margintest}{%
Number of the next margin note at this page.
    \expandafter\ifx\csname @mn@thispage\endcsname\@empty
85
       \gdef\@mn@atthispage{1}%
86
    \else\expandafter\ifnum \@mn@thispage=\value{mn@abspage}%
87
         \begingroup
88
           \@tempcnta\@mn@atthispage\advance\@tempcnta by \@ne
89
90
           \xdef\@mn@atthispage{\the\@tempcnta}%
         \endgroup
91
       \else
92
93
         \gdef\ensuremath{\mbox{Qmn}\mbox{Qatthispage}\{1\}\%
94
    \fi
95
    \xdef\@mn@thispage{\themn@abspage}%
96
```

Use the number of the page and the number of the margin note at this page to save the real number of this page at the \mathtt{aux} file. At PDF mode save the current x position too.

```
\let\@mn@currpage\relax
 97
     \let\@mn@currxpos\relax
 98
     \if@mn@pdfmode
 99
       \pdfsavepos
100
       \protected@write\@auxout{\let\themn@abspage\relax}{%
101
         \string\newmarginnote{note.\@mn@thispage.\@mn@atthispage}{%
102
           {\themn@abspage}{\noexpand\number\pdflastxpos sp}}%
103
       }%
104
     \else
105
       \protected@write\@auxout{\let\themn@abspage\relax}{%
106
         \string\newmarginnote{note.\@mn@thispage.\@mn@atthispage}{%
107
108
           {\themn@abspage}{}}%
       }%
109
```

If the margin note label was not defined, it seams to be new. In this case the absolut page number will be used for the test instead of the saved real page number.

```
If we are not in two side mode, we are on a odd page.
       \if@twoside
112
         \if@mn@verbose
113
114
           \PackageInfo{marginnote}{Suggest that margin
             note \@mn@thispage.\@mn@atthispage\space will be on\MessageBreak
115
             absolute page \themn@abspage.\MessageBreak
116
             This may be wrong}%
117
118
         \ifodd\value{mn@abspage}\@tempswatrue\else\@tempswafalse\fi
119
120
       \else
121
         \if@mn@verbose
122
            \PackageInfo{marginnote}{right page because not two side mode}%
123
         \fi
         \@tempswatrue
124
       \fi
125
126
     \else
       \edef\@mn@currpage{\csname
127
128
         mn@note.\@mn@thispage.\@mn@atthispage\endcsname}%
       \edef\@mn@currxpos{\expandafter\@secondoftwo\@mn@currpage}%
129
 Ulrike Fischer suggested a simple change to take care of \hoffset, e.g., using
 package crop. We use this occasion to take care of \pdfhorigin, too.
       \edef\@mn@currxpos{\the\dimexpr \@mn@currxpos -\hoffset\relax}%
130
       \begingroup\expandafter\expandafter\expandafter\endgroup
131
       \expandafter\ifx\csname pdfhorigin\endcsname\relax\else
132
         \begingroup\expandafter\expandafter\expandafter\endgroup
133
         \expandafter\ifx\csname pdfoutput\endcsname\relax\else
134
           \ifnum \pdfoutput=1 %
135
              \edef\@mn@currxpos{\the\dimexpr \@mn@currxpos -\pdfhorigin
136
                +1in\relax}%
137
           \fi
138
         \fi
139
       \fi
140
       \edef\@mn@currpage{\expandafter\@firstoftwo\@mn@currpage}%
141
142
       \if@mn@verbose
143
         \PackageInfo{marginnote}{Margin note \@mn@thispage.\@mn@atthispage\space
           is on absolute page \@mn@currpage\MessageBreak}%
144
       \fi
145
       \if@twoside
146
         \ifodd\@mn@currpage\relax
147
           \@tempswatrue
148
149
         \else
           \@tempswafalse
150
         \fi
151
       \else
152
         \if@mn@verbose
153
           \PackageInfo{marginnote}{right page because not two side mode}%
154
155
         \fi
```

\expandafter\ifx\csname mn@note.\@mn@thispage.\@mn@atthispage\endcsname\relax

156

\@tempswatrue

```
\fi
                                                                      157
                                                                                          \fi
                                                                      158
                                                                      159 }
                      \marginnote
                                                                       Command \marginnote is the main macro of the package. The others are helpers
                                                                        to manage the optional arguments.
        \@mn@marginnote
    \verb|\dmn@@marginnote|| 160 \verb|\newcommand*{\marginnote}| 160 \verb|\dmn@marginnote|| 160 \verb|\dmn@marginnote|
\mbox{\colored} \\mathrm{Qmn} \mathrm{Qmn} \mathrm{Qmarginnote} 161
                                                                                          \@dblarg\@mn@marginnote
                                                                      162 }
                                                                      163 \newcommand{\@mn@marginnote}[2][]{%
                                                                                          \ifhmode
                                                                      164
                                                                                                  \@bsphack
                                                                      165
                                                                                                  \begingroup
                                                                      166
                                                                                                  \left( \frac{0}{2} \right) = \frac{1}{2}
                                                                      167
                                                                      168
                                                                                                          \def\:{\@xifnch}\expandafter\def\: { \futurelet\@let@token\@ifnch}%
                                                                      169
                                                                                                  \fi
                                                                                          \else
                                                                      170
                                                                      171
                                                                                                   \begingroup
                                                                      172
                                                                                          \fi
                                                                                           \@ifnextchar [{\@mn@@marginnote[{#1}]{#2}}{\@mn@@marginnote[{#1}]{#2}[\z@]}%
                                                                      173
                                                                      174 }
                                                                      175 \newcommand{\@mn@@marginnote}{}
                                                                      176 \def\@mn@@marginnote[#1]#2[#3]{%
                                                                                           \endgroup
                                                                      177
                                                                         In horizontal mode the space hack of the LATEX kernel will be used. In vertical
                                                                         mode this should not be used.
                                                                      178
                                                                                          \ifhmode
                                                                      179
                                                                                                   \@mn@@@marginnote[{#1}]{#2}[{#3}]%
                                                                      180
                                                                                                   \@esphack
                                                                      181
                                                                                          \else
                                                                      182
                                                                                                  \@mn@@@marginnote[{#1}]{#2}[{#3}]%
                                                                      183
                                                                                          \fi
                                                                      184 }
```

185 \newcommand{\@mn@@marginnote}{}
186 \def\@mn@@@marginnote[#1]#2[#3]{%

All changes (but change of counters that are global because of using the LATEX commands to change them an \gdef and \xdef) should be local. In h-mode a \strut will be used to fix base line. The margin note will be put to vertical list using \vadjust. This also means that wie are one line to deep. This will be corrected later using negative kern. In v-mode wie use a special kind of vbox to simply set everything. Math mode should behave like v-mode. And if we are just after an item we have to leave v-mode first.

```
187 \begingroup
188 \ifmmode\strut\let\@tempa\mn@vadjust\else
189 \if@inlabel\leavevmode\fi
190 \ifhmode\strut\let\@tempa\mn@vadjust\else\let\@tempa\mn@vlap\fi
191 \fi
192 \@tempa{%
```

Everything will be put upwards using a vbox with zero height and depth and \vss. At this box the margin test will be done. If csreversemargin was used, the logic switchs. Then the note will be places to the margin.

```
193
          \vss
194
             \@mn@margintest
195
             \if@reversemargin\if@tempswa
196
197
                 \@tempswafalse
198
199
                  \@tempswatrue
             \fi\fi
200
             \if@tempswa
201
               \left| \frac{\pi}{\pi} \right|
202
```

If $\mbox{\constraint} \mbox{\constraint} \mbox{\c$

```
\ifx\@mn@currxpos\relax
203
                  \kern\marginnoterightadjust
204
                  \if@mn@verbose
205
                    \PackageInfo{marginnote}{%
206
                      xpos not known,\MessageBreak
207
                      using \string\marginnoterightadjust}%
208
209
                  \fi
210
                \else\ifx\@mn@currxpos\@empty
                    \kern\marginnoterightadjust
211
                    \if@mn@verbose
212
                      \PackageInfo{marginnote}{%
213
                        xpos not known,\MessageBreak
214
                        using \string\marginnoterightadjust}%
215
216
                    \fi
                  \else
217
                    \if@mn@verbose
218
                      \PackageInfo{marginnote}{%
219
                        xpos seams to be \@mn@currxpos,\MessageBreak
220
                         \string\marginnoterightadjust
221
222
                         \space ignored}%
                    \fi
223
                    \begingroup
224
                      \setlength{\@tempdima}{\@mn@currxpos}%
225
                      \kern-\@tempdima
226
                      \if@twoside\ifodd\@mn@currpage\relax
227
                           \kern\oddsidemargin
228
229
                         \else
                           \kern\evensidemargin
230
                        \fi
231
                      \else
232
233
                         \kern\oddsidemargin
                      \fi
234
235
                      \kern 1in
236
                    \endgroup
```

```
237
                  \fi
                \fi
238
                \kern\marginnotetextwidth\kern\marginparsep
239
                \vbox to\z0{\kern\marginnotevadjust\kern #3
240
                  241
242
                    \hsize\marginparwidth
Here's the correction of the vertical position. The rest is simple.
                    \kern-\parskip
243
                    \marginfont\raggedrightmarginnote\hspace{\z0}\strut#2\endgraf
244
                    \vss}%
245
246
                  \vss}%
             }%
247
            \else
248
              \label{lap}% $$ \sim 11ap{% }
249
                250
                  \t to\\z@{{}'}
251
                    \hsize\marginparwidth
252
Same like above for left margins.
253
                    \kern-\parskip
                    \marginfont\raggedleftmarginnote\hspace{\z@}\strut#1\endgraf
254
                    \vss}%
255
256
                  \vss}%
257
                \ifx\@mn@currxpos\relax
                  \kern\marginnoteleftadjust
258
                  \if@mn@verbose
259
                    \PackageInfo{marginnote}{%
260
                      xpos not known,\MessageBreak
261
                      using \string\marginnoteleftadjust}%
262
263
                  \fi
                \else\ifx\@mn@currxpos\@empty
264
                    \kern\marginnoteleftadjust
265
                    \if@mn@verbose
266
                      \PackageInfo{marginnote}{%
267
                        xpos not known,\MessageBreak
268
269
                        using \string\marginnoteleftadjust}%
                    \fi
270
                  \else
271
                    \if@mn@verbose
272
                      \PackageInfo{marginnote}{%
273
                        xpos seams to be \@mn@currxpos,\MessageBreak
274
                        \string\marginnoteleftadjust
275
276
                        \space ignored}%
277
                    \fi
                   \begingroup
278
279
                      \kern\@mn@currxpos
                      \if@twoside\ifodd\@mn@currpage\relax
280
                          \kern-\oddsidemargin
281
282
                        \else
283
                          \kern-\evensidemargin
```

```
\fi
284
                         \else
285
                           \kern-\oddsidemargin
286
                         \fi
287
                         \kern-1in
288
289
                      \endgroup
290
                    \fi
                 \fi
291
                 \kern\marginparsep
292
               }%
293
             \fi
294
          }%
295
296
297
      \endgroup
298 }
```

\marginnoterightadjust \marginnoteleftadjust These may be used to define an automatic horizontal adjust. The default is zero. They will be used only if not PDFT_EX or PDFT_EX before version 1.40 in DVI mode is used, because in this case the save position features are not available.

```
299 \newcommand*{\marginnoterightadjust}{}
300 \newcommand*{\marginnoteleftadjust}{}
301 \let\marginnoterightadjust\z@
302 \let\marginnoteleftadjust\z@
```

\marginnotevadjust

This may be used to define an automatic vertical adjust. The defaul tis zero. Values greater than zero will move the margin note down, values less than zero will move the margin note up.

```
303 \newcommand*{\marginnotevadjust}{} 304 \let\marginnotevadjust\z@
```

\mn@vlap This macro is used to set a vertical box without size at vertical mode.

```
305 \newcommand{\mn@vlap}[1]{%
306 \setbox\@tempboxa\vbox to \ht\strutbox{#1\vss}%
307 \box\@tempboxa\vskip-\baselineskip
308}
```

\mn@zbox This macro is used to set a horizontal box without height, depth and width.

```
309 \newcommand{\mn@zbox}[1]{%
310
     \bgroup
311
        \setbox\@tempboxa\vbox{#1}%
        \ht\@tempboxa\ht\strutbox
312
313
        \dp\@tempboxa\dp\strutbox
314
        \wd\@tempboxa\z@
315
       \box\@tempboxa
316
     \egroup
317 }
```

\mn@vadjust This macro is used to set a vertical box at horizontal mode.

```
318 \newcommand{\mn@vadjust}[1]{%
```

```
319 \mn@zbox{\kern-\parskip
320 \leavevmode\vadjust{#1}%
321 \kern\parskip
322 }%
323 }
```

\marginfont \raggedleftmarginnote \raggedrightmarginnote

These are very simple. A class may also define \marginfont. Use this if available. I don't use \let for the definitions of the ragged macros, so the meaning may change loading e.g. package ragged2e.

```
324 \providecommand*{\marginfont}{}
325 \newcommand*{\raggedleftmarginnote}{\raggedleft}
326 \newcommand*{\raggedrightmarginnote}{\raggedright}
```

Change History

v1.0a	\marginnotetextwidth: new
General: Example to macros \raggedleftmarginnote and	macro 5 v1.1a
\raggedrightmarginnote at documentation fixed [thanks to Susumu Tanimura] 2	\if@mn@pdfmode: PDFTEX since 1.40 allows \pdfsavepos in DVI mode too4
\marginfont: Use \providecommand to define it	v1.1b \@mn@@@marginnote: use \mn@vadjust
v1.0b	instead of \vadjust 8 \if@mn@pdfmode: if level fixed 4
General: spelling fixes 1 v1.1	\mn@vadjust: new (internal) 11
\@mn@@@marginnote: new PDF	\mm@zbox: new (internal) 11 v1.1c
mode feature	\if@mn@pdfmode: XHTEXhas work-
\@mn@currxpos: new (internal) 5	ing \pdflastxpos but no \pdftexversion 4
\CmnCmargintest: new PDF mode feature 5	v1.1d
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