The kvdefinekeys package

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Abstract

Package kvdefinekeys provides \w define keys the same way as keyval's \d However, it works also using ini-TeX.

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 $^{{\}rm ^*Please\ report\ any\ issues\ at\ https://github.com/ho-tex/oberdiek/issues}$

1 Documentation

1.1 Motivation

\kvsetkeys serves as replacement for keyval's \setkeys. This package adds macros to define keys, closing the gap \kvsetkeys leaves.

```
\label{eq:locality} $$ \left( \langle definition \rangle \right) = \left( \langle definition \rangle \right) $$
```

Macro \kv@define@key reimplements keyval's \define@key. Differences to the original:

- The defined keys also allow \par inside values.
- Shorthands of package babel are supported in family and key names.
- Macro \kv@define@key is made robust if ε -TEX's \protected or LATEX's \DeclareRobustCommand are found.

2 Implementation

2.1 Identification

1 (*package)

```
Reload check, especially if the package is not used with LATEX.
 2 \begingroup\catcode61\catcode48\catcode32=10\relax%
 3 \catcode13=5 % ^^M
    \endlinechar=13 %
 5
    \catcode35=6 % #
    \catcode39=12 % '
    \catcode44=12 \%,
 8
    \catcode45=12 % -
    \catcode46=12 % .
 9
 10 \catcode58=12 %:
 11 \catcode64=11 % @
 12 \catcode123=1 % {
 13 \catcode125=2 % }
 14 \expandafter\let\expandafter\x\csname ver@kvdefinekeys.sty\endcsname
    \ifx\x\relax % plain-TeX, first loading
 15
 16
      \def\empty{}%
 17
      \ifx\x\empty % LaTeX, first loading,
 18
 19
       % variable is initialized, but \ProvidesPackage not yet seen
 20
       \expandafter\ifx\csname PackageInfo\endcsname\relax
 21
         \def\x#1#2{%
 22
          \immediate\write-1{Package #1 Info: #2.}%
 23
        }%
 24
 25
       \else
         \def\x#1#2{\PackageInfo{#1}{#2, stopped}}%
 26
 27
 28
       \x{kvdefinekeys}{The package is already loaded}%
 29
       \aftergroup\endinput
30
      \fi
    \fi
31
32 \endgroup%
Package identification:
33 \begingroup\catcode61\catcode48\catcode32=10\relax%
34 \catcode13=5 % ^^M
    \endlinechar=13 %
35
36 \catcode35=6 % #
```

```
\catcode39=12 % '
37
                       \catcode40=12 % (
38
                       \catcode41=12 % )
39
                       \catcode44=12 % ,
                       \catcode45=12 % -
41
42
                       \catcode46=12 % .
43
                      \catcode47=12 % /
44
                       \catcode58=12 %:
                      \catcode64=11 % @
45
                      \catcode91=12 % [
46
                      \catcode93=12 % ]
47
48 \catcode123=1 % {
                     \catcode125=2 % }
49
                      \expandafter\ifx\csname ProvidesPackage\endcsname\relax
50
                                 \def\x#1#2#3[#4]{\endgroup}
51
52
                                         \immediate\write-1{Package: #3 #4}%
53
                                         \xdef#1{#4}%
                               }%
54
55
                       \else
56
                               \def\x#1#2[#3]{\endgroup}
57
                                         #2[{#3}]%
                                         \ifx#1\@undefined
58
                                                  \xdef#1{#3}%
59
                                          \fi
60
                                          \int x#1\
61
62
                                                  \xdef#1{#3}%
                                         \fi
63
                               }%
64
65
                      \fi
66 \expandafter\x\csname ver@kvdefinekeys.sty\endcsname
67 \ProvidesPackage{kvdefinekeys}%
68 [2016/05/16 v1.4 Define keys (HO)]%
69 \begingroup\catcode61\catcode48\catcode32=10\relax%
                       \color=5 \% ^M
70
                       \endlinechar=13 %
71
72
                       \catcode123=1 % {
73
                       \catcode125=2 % }
74
                       \catcode64=11 % @
75
                       \def\x{\endgroup
                                \expandafter\edef\csname KVD@AtEnd\endcsname{%
76
                                          \endlinechar=\the\endlinechar\relax
77
                                         \catcode13=\the\catcode13\relax
78
                                         \color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=
79
                                         \color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=
80
                                         \colored{catcode61}=\the\colored{catcode61}
81
                                         \colored{catcode64} \to \colored{catcode64}
82
                                         \color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=\color=
83
84
                                         \colored{catcode125} \colored{catcode125} \relax
85
                               }%
86 }%
87 \x\catcode61\catcode48\catcode32=10\relax%
88 \catcode13=5 % ^^M
89 \endlinechar=13 %
90 \catcode35=6 % #
91 \catcode64=11 % @
92 \catcode123=1 % {
93 \catcode125=2 % }
94 \def\TMP@EnsureCode#1#2{%
95
                      \edef\KVD@AtEnd{%
96
                                \KVD@AtEnd
                                \color= \time \color= \time \color= 
97
98 }%
```

```
\color= 1=\#2\relax
                                                                 100 }
                                                                 101 \TMP@EnsureCode{42}{12}% *
                                                                 102 \TMP@EnsureCode{46}{12}\% .
                                                                 103 \TMP@EnsureCode{47}{12}% /
                                                                 104 \TMP@EnsureCode{91}{12}% [
                                                                 105 \TMP@EnsureCode{93}{12}%]
                                                                 106 \edef\KVD@AtEnd{\KVD@AtEnd\noexpand\endinput}
                                                                               Package loading
                                                                 107 \begingroup\expandafter\expandafter\expandafter\endgroup
                                                                 108 \expandafter\ifx\csname RequirePackage\endcsname\relax
                                                                           109
                                                                              \begingroup\expandafter\expandafter\expandafter\endgroup
                                                                 110
                                                                 111
                                                                               \expandafter\ifx\csname ver@#1.sty\endcsname\relax
                                                                 112
                                                                                  \input #1.sty\relax
                                                                 113
                                                                               \fi
                                                                 114 }%
                                                                           \TMP@RequirePackage{ltxcmds}[2010/03/01]%
                                                                 117 \RequirePackage{ltxcmds}[2010/03/01]%
                                                                 118 \fi
                                                                               Provide key defining macro
                             \kv@define@key
                                                                 119 \ltx@IfUndefined{protected}{%
                                                                           \ltx@IfUndefined{DeclareRobustCommand}{%
                                                                 120
                                                                 121
                                                                              \def\kv@define@key#1#2%
                                                                 122
                                                                           }{%
                                                                              \DeclareRobustCommand*{\kv@define@key}[2]%
                                                                 123
                                                                 124 }%
                                                                 125 }{%
                                                                 126 \protected\def\kv@define@key#1#2%
                                                                 127 }%
                                                                 128 {%
                                                                 129 \begingroup
                                                                 130
                                                                              \csname @safe@activestrue\endcsname
                                                                 131
                                                                               \let\ifincsname\iftrue
                                                                              \verb|\edgnoup| \\
                                                                 132
                                                                                 \label{local_equation} $\ \end{KVD@DefineKey} $$ \ \end{LVD@DefineKey} $$
                                                                 133
                                                                              }%
                                                                 134
                                                                          \KVD@temp
                                                                 135
                                                                 136 }
                        \KVD@DefineKey
                                                                 137 \def\KVD@DefineKey#1#2{%
                                                                 138 \ltx@ifnextchar[{%
                                                                              \label{locality} $$\KVD@DefineKeyWithDefault{#1}{\#2}\%$
                                                                 139
                                                                 140 }{%
                                                                               \label{long-expandafter-def-csname} $$ \label{long-expandafter-def-csname} KV@#1@#2\endcsname##1\% $$
                                                                 141
                                                                 142
                                                                           }%
                                                                 143 }
\KVD@DefineKeyWithDefault
                                                                 144 \long\def\KVD@DefineKeyWithDefault#1#2[#3]\{\%
                                                                           \verb|\expandafter\expandafter| KV@#1@#2@default\expandafter\endcsname| | learned | lear
                                                                 145
                                                                 146
                                                                           \expandafter{%
                                                                              \csname KV@#1@#2\endcsname{#3}%
                                                                 147
                                                                 148 }%
                                                                           \long\expandafter\def\csname KV@#1@#2\endcsname##1%
                                                                 149
                                                                 150 }
```

99

```
151 \KVD@AtEnd%
152 \langle/package\rangle
```

3 Test

3.1 Catcode checks for loading

```
153 \langle *test1 \rangle
154 \catcode'\{=1 %
155 \catcode'\}=2 %
156 \catcode'\#=6 %
157 \catcode'\@=11 %
158 \expandafter\ifx\csname count@\endcsname\relax
159 \countdef\count@=255 %
160 \fi
161 \endomned 
163 \fi
164 \expandafter\ifx\csname @firstofone\endcsname\relax
165 \long\def\@firstofone#1{#1}%
166 \fi
167 \expandafter\ifx\csname loop\endcsname\relax
168 \expandafter\@firstofone
169 \else
170 \expandafter\@gobble
171 \fi
172 {%
173 \def\loop#1\repeat{\%}
                \def\body{#1}%
174
                \iterate
175
176
           }%
             \def = {\%}
177
                \body
178
179
                     \let\next\iterate
180
                 \else
                     \left\langle \cdot \right\rangle 
181
                 \fi
182
                \next
183
184 }%
185 \left| \text{let}\right|
186 }%
187 \def\RestoreCatcodes{}
188 \count@=0 %
190 \edef\RestoreCatcodes{%
191
                \RestoreCatcodes
                \catcode\the\count@=\the\catcode\count@\relax
192
193 }%
194 \ifnum\count@<255 \%
195 \advance\count@ 1 %
196 \repeat
197
198 \def\RangeCatcodeInvalid#1#2{%
            \c =#1\relax
199
200
            \loop
                \count@=15 \%
201
202 \ifnum\count@<#2\relax
                \advance\count@ 1 %
203
204 \repeat
205 }
206 \def\RangeCatcodeCheck#1#2#3\%
```

```
\count@=#1\relax
207
208
    \loop
      \ifnum#3=\catcode\count@
209
210
      \else
       \errmessage{%
211
212
        Character \the\count@\space
213
        with wrong catcode \the\catcode\count@\space
214
        instead of \number#3%
       }%
215
     \fi
216
    \ifnum\count@<#2\relax
217
      \advance\count@ 1 %
218
    \repeat
219
220 }
221 \def\space{ }
   \expandafter\ifx\csname LoadCommand\endcsname\relax
223
    \def\LoadCommand{\input kvdefinekeys.sty\relax}%
224 \fi
225 \def\Test{%
226
    \RangeCatcodeInvalid{0}{47}%
    \RangeCatcodeInvalid{58}{64}%
227
    \RangeCatcodeInvalid{91}{96}%
228
229
    \RangeCatcodeInvalid{123}{255}%
230
    \catcode'\@=12 %
    \color=0 \%
231
    \catcode'\%=14 %
232
233
    \LoadCommand
234
    \RangeCatcodeCheck{0}{36}{15}%
235
    \RangeCatcodeCheck{37}{37}{14}%
236
    \RangeCatcodeCheck{38}{47}{15}%
    \RangeCatcodeCheck{48}{57}{12}%
237
    \RangeCatcodeCheck{58}{63}{15}%
238
239
    \RangeCatcodeCheck{64}{64}{12}%
240
    \RangeCatcodeCheck{65}{90}{11}%
    \RangeCatcodeCheck{91}{91}{15}%
241
    \RangeCatcodeCheck{92}{92}{0}%
    \RangeCatcodeCheck{93}{96}{15}%
244
    \RangeCatcodeCheck{97}{122}{11}%
245
    \RangeCatcodeCheck{123}{255}{15}%
    \RestoreCatcodes
246
247 }
248 \Test
249 \csname @@end\endcsname
250 \end
251 (/test1)
```

f 4 Installation

4.1 Download

Package. This package is available on CTAN¹:

CTAN:macros/latex/contrib/oberdiek/kvdefinekeys.dtx The source file.

CTAN:macros/latex/contrib/oberdiek/kvdefinekeys.pdf Documentation.

Bundle. All the packages of the bundle 'oberdiek' are also available in a TDS compliant ZIP archive. There the packages are already unpacked and the documentation files are generated. The files and directories obey the TDS standard.

CTAN:install/macros/latex/contrib/oberdiek.tds.zip

¹ http://ctan.org/pkg/kvdefinekeys

TDS refers to the standard "A Directory Structure for TEX Files" (CTAN:tds/tds.pdf). Directories with texmf in their name are usually organized this way.

4.2 Bundle installation

Unpacking. Unpack the oberdiek.tds.zip in the TDS tree (also known as texmf tree) of your choice. Example (linux):

```
unzip oberdiek.tds.zip -d ~/texmf
```

Script installation. Check the directory TDS:scripts/oberdiek/ for scripts that need further installation steps. Package attachfile2 comes with the Perl script pdfatfi.pl that should be installed in such a way that it can be called as pdfatfi. Example (linux):

```
chmod +x scripts/oberdiek/pdfatfi.pl
cp scripts/oberdiek/pdfatfi.pl /usr/local/bin/
```

4.3 Package installation

Unpacking. The .dtx file is a self-extracting docstrip archive. The files are extracted by running the .dtx through plain T_EX :

```
tex kvdefinekeys.dtx
```

TDS. Now the different files must be moved into the different directories in your installation TDS tree (also known as texmf tree):

```
\label{eq:kvdefinekeys.sty} $$ \text{kvdefinekeys.pdf} $$ \rightarrow \text{doc/latex/oberdiek/kvdefinekeys.pdf}$$ test/kvdefinekeys-test1.tex $$ \rightarrow \text{doc/latex/oberdiek/test/kvdefinekeys-test1.tex}$$ $$ \text{kvdefinekeys.dtx}$$ \rightarrow \text{source/latex/oberdiek/kvdefinekeys.dtx}$$
```

If you have a docstrip.cfg that configures and enables docstrip's TDS installing feature, then some files can already be in the right place, see the documentation of docstrip.

4.4 Refresh file name databases

If your TEX distribution (teTEX, mikTEX, ...) relies on file name databases, you must refresh these. For example, teTEX users run texhash or mktexlsr.

4.5 Some details for the interested

Unpacking with LATEX. The .dtx chooses its action depending on the format:

plain TEX: Run docstrip and extract the files.

LATEX: Generate the documentation.

If you insist on using \LaTeX for docstrip (really, docstrip does not need \LaTeX), then inform the autodetect routine about your intention:

```
latex \let\install=y\input{kvdefinekeys.dtx}
```

Do not forget to quote the argument according to the demands of your shell.

Generating the documentation. You can use both the .dtx or the .drv to generate the documentation. The process can be configured by the configuration file ltxdoc.cfg. For instance, put this line into this file, if you want to have A4 as paper format:

 $\verb|\PassOptionsToClass{a4paper}{article}|$

An example follows how to generate the documentation with pdfIATEX:

```
pdflatex kvdefinekeys.dtx
makeindex -s gind.ist kvdefinekeys.idx
pdflatex kvdefinekeys.dtx
makeindex -s gind.ist kvdefinekeys.idx
pdflatex kvdefinekeys.dtx
```

5 Catalogue

The following XML file can be used as source for the TEX Catalogue. The elements caption and description are imported from the original XML file from the Catalogue. The name of the XML file in the Catalogue is kvdefinekeys.xml.

```
252 (*catalogue)
253 <?xml version='1.0' encoding='us-ascii'?>
254 <!DOCTYPE entry SYSTEM 'catalogue.dtd'>
255 <entry datestamp='$Date$' modifier='$Author$' id='kvdefinekeys'>
256
    <name>kvdefinekeys</name>
    <caption>Define keys for use in the kvsetkeys package.</caption>
257
    <authorref id='auth:oberdiek'/>
    <copyright owner='Heiko Oberdiek' year='2010,2011'/>
259
260
    cense type='lppl1.3'/>
261
    <version number='1.4'/>
262
    <description>
      The package provides a macro <tt>\kv@define@key</tt> (analogous to
263
264
      <xref refid='keyval'>keyval&#x2019;s</xref> <tt>\define@key</tt>, to
265
      define keys for use by xref refid='kvsetkeys'>kvsetkeys
266
267
      The package is part of the <xref refid='oberdiek'>oberdiek</xref>
268
     bundle.
269 </description>
270 <documentation details='Package documentation'
271
       href='ctan:/macros/latex/contrib/oberdiek/kvdefinekeys.pdf'/>
272 <ctan file='true' path='/macros/latex/contrib/oberdiek/kvdefinekeys.dtx'/>
273 <miktex location='oberdiek'/>
274 <texlive location='oberdiek'/>
275 <install path='/macros/latex/contrib/oberdiek/oberdiek.tds.zip'/>
276 </entry>
277 (/catalogue)
```

6 References

[1] David Carlisle: *The keyval package*; 1999/03/16 v1.13; CTAN:macros/latex/required/graphics/keyval.dtx.

7 History

```
[2010/03/01 \text{ v}1.0]
```

• First version.

[2010/08/19 v1.1]

Documentation fix, no code change.

[2011/01/30 v1.2]

• Already loaded package files are not input in plain TeX.

[2011/04/07 v1.3]

- Support for package babel's shorthands added.
- \kv@define@key is made robust if available.

[2016/05/16 v1.4]

• Documentation updates.

8 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; plain numbers refer to the code lines where the entry is used.

Symbols \# 156 \% 232 \@ 157, 230 \@firstofone 165, 168 \@gobble 162, 170 \@undefined 58 \\ 231 \{ 154 \} 155	\endcsname
\advance	\immediate
B \body 174, 178	K
C \catcode \ldots 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 69, 70, 72, 73, 74, 78, 79, 80,	\kv@define@key 2, <u>119</u> , 263 \KVD@AtEnd 95, 96, 106, 151 \KVD@DefineKey 133, <u>137</u> \KVD@DefineKeyWithDefault . 139, <u>144</u> \KVD@temp 132, 135
81, 82, 83, 84, 87, 88, 90, 91, 92, 93, 97, 99, 154, 155, 156, 157, 192, 201, 209, 213, 230, 231, 232 \count@	L \LoadCommand 223, 233 \loop 173, 189, 200, 208 \ltx@ifnextchar 138 \ltx@IfUndefined 119, 120
203, 207, 209, 212, 213, 217, 218 \countdef \cdots \cdots 159 \csname \cdots \cdots 14, 21, 50, 66, 76, 108, 111, 130, 141, 145, 147, 149, 158, 161, 164, 167, 222, 249	N \next
D \DeclareRobustCommand 123 \define@key 264	\PackageInfo 26 \protected 126 \ProvidesPackage 19, 67
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