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% historyk.pdf
%
% kbconfig HISTORY
%
% mods: Let \csubinverse be known of the rest of the world. --bg 04/20/93
% Let 7-bit accent macro produce 8-bit chars when possible. --bg 04/28/93
% Accent macros must produce only one token otherwise
% upper/lower-casing isn't correctly
% converted (bug found by Jean-Claude Vivalda). --bg 05/06/93
% V1.3 Define << and >> for any 8-bit usage(pointed by H.Soulard)--bg 08/10/93
% V1.4 Define a \global \FontEncoding as "CMR" or "ECM" to pass
% to any run-time style such as french.sty (but let
% it asis if already defined). --bg 08/18/93
% Add code for kb2lex interface (only for TeX V3.xx) --bg 08/27/93
% #4 param of \Maded wasn't a balanced text. --bg 08/30/93
% Replace \FontEncoding by \encodingdefault of NFSS2. --bg 08/31/93
% Current encoding used if any (\f@encoding). --bg 09/01/93
% \@tempa no more redefined bec. used in \input def of NFSS2--bg 09/02/93
% But ngow using \@tempc...
% Introduce \protect outside kb2lex because a macro such
% as \copyright is not expandable due to alignement macros. --bg 09/03/93
% LaTeX loop over \@tempc solved by \edef to null in[ macros
% Issue warning when TeX V3 and CMR only. --bg 11/22/93
% \f@encoding may be undefined. --bg 12/03/93
% Allow the NFSS2 user to change of font encoding on the fly--bg 12/15/93
% \input replaced by \@input if defined. --bg 12/17/93
% V1.5 Accent macros redefined at end to usual if outside MlTeX.
% \aa and \AA were not redefined for 8bits. --bg 12/21/93
% V1.6 Let \ifECM be globally false if undefined. (pb of Goussard)--bg 03/23/94
% V1.7 Correction of previous change that was wrongly coded. --bg 03/31/94
% V1.8 \ISOfalse disactivated too much active chars. --bg 05/09/94
% V1.9 Reduced usage of backslash in lex code.(pointed by Vial). --bg 05/30/94
% V1.10 Give a global default definition for < and >. --bg 06/07/94
% V1.11 Reset invalid LaTeX2e chars to internal \catcode 11. --bg 09/27/94
% Hack the format dumping time to set catcode correctly
% (normally to remove for the 94-95 winter release of LaTeX)--bg 09/29/94
% Take care of \I & \SS already defined in 2e.
% Correct 2e bug regarding OT1 uppercasing of ^^Y, ^^Z --bg 09/30/94
% Document these hacks via \wlog. --bg 10/03/94
% Create a latex209.cfg to patch latex209.def which wrongly
% reset \catcodes. --bg 10/06/94
% Let 8bit << and >> be equal to \fguillemets and \endfguillemets
% avoiding them to become back 7bit when a solution will
% be found... --bg 10/10/94
% Don't define globally current 2e TextSymbols.
% Don't redefine accent macros for 2e T1 which includes something
% like our MlTeX \csubinverse mechanism. --bg 10/26/94
% Rename \: in \r wich is what 2e is using. --bg 11/16/94
% Stronger error messages when running initex TeX+cmr.
% Define MlTeX \OT1\accent macros for 2e. --bg 11/30/94
% Take in account case when hexa code are undefined for
% double chars outside MlTeX. --bg 12/17/94
% Set low invalid chars to 11 even if gobbled.
% Reload of kbconfig needed only for OT1. --bg 12/18/94
% 8bit chars in T1 were not defined as accent on letter. --bg 12/20/94
% V1.13 oe, ae, etc were not activated in T1 ISO.
% Uppercase of oe, ae, etc were not set to 11 in T1.
% Force T1 if necessary when emulating 209. --bg 01/05/95
% V1.14 \@c@@ wasn't correctly defined for OT1 in 2e. --bg 01/09/95

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%      Avoid hexa codes to point back elsewhere in non-ISO.
%      Enforce \ifHB and encodingdefault wishes.                --bg 01/10/95
%      Use ^^9c as a gateway to uppercase estzet.
%      \csubinverse didn't use hexa code for non-ISO.
%      \r was undefined in plain TeX.
%      \lccode of \OE was undefined in (and for) plain TeX.
%      Plain def of pounds must not use \char bu \string        --bg 01/14/95
% V1.15 Let \i and \j be i and j inside 2e.                    --bg 02/05/95
% V1.16 Low chars need to be 11, even in 2e.                   --bg 03/06/95
%      Force T1 in latex209.cfg for non-MlTeX engines to ensure
%      that hyphenation be clean. Sugg. by D.B.Roegel.
%      No lcc/ucc for normal T1 ISO slots (correctly set in font).
%      In T1 ISO, chars are not initiated. This was true except
%      for MACRO & LIGS (chars were already activated).
%      \DOhex provides chardef adjustement in hex. True but not
%      for LEX.
%      Plain has an incompatible \i definition for \csubinverse
%      and no definition of \pounds (was wrongly removed by me
%      as few defs for \oe \OE \ae \AE \o \O \ss... (just that!)
%      probably when modifying the code for LEX and 2e).        --bg 03/07/95
%      TeX3+CMR warning message rewritten in english and no more
%      issued twice.                                           --bg 03/08/95
% V1.17 Reset \Def \Let \Let to undefined as suggested by jose
%      Grimm to avoid conflicts with theorem.sty.              --bg 10/12/95
% V1.18 Math accents too introduced!.                           --bg 01/09/96
% V1.19 Allow to load various keyboard.xxx with \@kbencoding which
%      is defaultly set to "dat". See keyboard.sty too.        --bg 02/21/96
%      Add \documentstyle option "english" for compatibilty, thus
%      avoiding to load english.sty.                            --bg 04/05/96
% V1.20 Don't use DC accents in maths with LaTeX T1 font encoding. --bg 06/25/96
% V1.21 Messages numbered.                                     --bg 96/10/29
% V1.22 accent macros modified to accept \relax argument.      --bg 97/02/18
%      accent macros no more generate an enclosed token {x}.   --bg 97/02/19
% V2.00 Removing stuff for 2.09 and TeX V2
%      Introducing \ifEightBitOutput generation to let packages
%      know if they can output 8bit or not.                    --bg 97/06/23
% V2.01 \ifISO replaced internally by \nonActivCar. At users
%      level one use \ACTIVEtrue/false.                        --bg 97/09/19
% V3.00 keyboard.dat file is now fully a configuration file for
%      the user. New keyboard.cfg is for site installator.
%      Encoding tables are now in xxx.kbc (instead of
%      keyboard.xxx).                                           --bg 97/09/26
%      ^^9c is used by various encoding, specially ansinew. So
%      i introduce \unusedslot which is defaultly set to ^^9c.
%      \unusedslot can be changed in *.kbc files.              --bg 97/10/14
% V3.01 8-bits chars with accents are usable in math with MlTeX.
%      Except for \c \r and \H (no solution found, none found
%      in plain.tex too).                                       --bg 97/11/06
%      Define \degre.                                           --bg 97/12/09
%      Now use \ESC before any TeX cs in *.kbc when wiling
%      to pass TeX code to LEX. \copyright and \degre have
%      been modified in *.kbc.                                  --bg 97/12/10
%      Output of \copyright need not to be protected.          --bg 97/12/19
% V3,02 \ESC wasn't defined.                                    --bg 98/01/23
% V3,03 There was no reason to modify OT1 accent macros of LaTeX
%      when kbconfig called from T1. Removed.                  --bg 98/01/27
% V3,04 Conversion of \degre to 8bits was wrong due to mismatch. --bg 98/02/06
% V3,05 Let \ifECM be true for any other encoding except OT1, this
%      will allow LY1 to be used too.                          --bg 98/02/17

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% V3,06 As pointed by Thomas Esser, ^^e9 generated a LaTeX error
%       during the second pass in a non-MlTeX engine, because
%       ^^e9 was activated in the first pass. No more use in the
%       second pass. --bg 98/04/15
% V3,07 Files names may have a blank space on Mac, thus you can't
%       use \jobname asis. I introduce \@jobname for that
%       purpose. --bg 98/04/16
%       Improved by D. Barbier. --bg 98/04/22
% V3,08 As when using MlTeX on Mac kbconfig produced bad accent
%       macros (as pointed by M. Bovani) i found that the
%       \csubinverse generation was absolutely wrong. The 8bits
%       code produced was a T1 code in place of a Mac code.
%       Obviously all input encoding near T1 encoding, e.g. latin1
%       ran perfectly untill now.
%       \csubinverse generation modified. --bg 98/04/29
%       Doing a loop from 128 to 256 for \catcodes setting.
%       Pb to \uppercase es-tzet on Mac. Due to \uccode targeting
%       a non active char. Uppercase hexa code now defined to its
%       uppercase letter value. --bg 98/05/05
%       Redefining \newcount for plain TeX. --bg 98/05/06
% V3,09 Modifications to allow MlTeX to map the Cork encoding.
%       This can be forced by any def. of \forceMlTeXtoCork
%       but then removing the facility to have usual 8bits
%       chars with diacritics in math. --bg 98/05/11
%       \imath and \jmath used in math in place of \i and \j.
%       Letters with diacritics now available in math with
%       MlTeX T1, as well as OT1.
%       Math accents for Plain corrected when ec font used.
%       Any \cedilla macro for math somewhere? --bg 98/05/12
%       Message issued when \unusedslot is already actively active
%       or just a char.
%       ^^P and ^^Q used erroneously in T1 with MlTeX for \i & \j
%       as pointed by M. Bovani. --bg 98/05/15
% V3,10 Defaultly chars have no lower/upper case except
%       themselves. --bg 98/06/09
%       \texteuro defaultly defined. --bg 98/06/12
% V3,11 Defaultly, in T1 too, chars have no lower/upper case except
%       themselves. --bg 98/07/07
%       When T1, \ss comparison now done on the target code ^^ff. --bg 98/08/13
%       Initiate codes each time of loading (except for LEX)
%       exactly as LaTeX do for the format. Just for caution. --bg 98/08/14
%       Never activate chars for math when T1. --bg 98/09/01
%       ^^Y ^^Z ^^P ^^Q were invalid chars with plain TeX. --bg 98/09/07
%       Validate \forceMlTeXtoCork only when MlTeX. M. Bovani
%       was pointing that hack for other formats. --bg 98/09/12
%       Correction of \ifx\texteuro. --bg 98/12/15
% *.kbc all char-macros are now ended with {} as suggested by
%       Michel Bovani. --bg 99/01/15
% V3,12 \ForceMlTeXtoCork apply also with plain T1. --bg 98/12/18
% V3,13 Force ^^[ and ^^_ to be chars for Plain OT1 hyphenation. --bg 98/12/22
%       When substitution goes through a cs then end it with {}. --bg 98/12/24
% V3,14 \fguillemets and \endfguillemets replaced by \guillemotleft
%       and \guillemotright to allow 8bits verbatim. --bg 99/01/07
%       Applemac hack: Reset ^^df to \ss when pointing to ^^ff. --bg 99/01/15
%       Not doing it twice when making the format. \fmtname
%       redefined temporary for testing second pass.
%       Releasing \dumpORI and \fmtnameORI to \undefined.
%       As all .kbc files contain cs with ending {}:
%       (it's now assumed to be done everywhere!)

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%      i introduce \GobbEmpty to remove empty block after
%      alphabetic cs when generating lex file (+I added).
%      Accepting L01 encoding as a default, if usefull...      --bg 99/01/18
%      \fmtname was wrongly set to \undefined at run-time as
%      pointed by Werner Struckmann.      --bg 99/01/27
% V3,15 Remove any trailing {} when doing \csubinverse. Apply
%      to \i, \I, ...      --bg 99/02/01
% V3,16 Arg with \i{} and \j{} in \if tests should be the last.
%      \IeC now defined as in inputenc.
% V3,17 Using \IeC when encoding a char when otherwise it would
%      have pointed to an active char. This should solve pb
%      when using \MlTeXtoCork with LaTeX over any write.
%      \DEBUGmessage introduced for debugging.      --bg 99/02/09
%      \IeC usage with plain corrected.      --bg 99/02/12
% V3,18 Should check again \unusedslot after keyboard.dat loading. --bg 99/02/19
% V3,19 \fmtname no more temporary set to \undefined. (Pb reported
%      by A. Valentin). Now define \InitexTime cmd.
%      \@jobname setting correction (for space in \fmtname).      --bg 99/02/19
% V3,20 Disable encTeX when dumping.      --bg 99/03/25
%      Message about \unusedslot now numbered.      --bg 99/04/13
% V3,21 \I was never generated back to 7bit as pointed by Werner
%      Struckman.      --bg 99/04/22
%      Keyboard package modified to allow kbconfig to work only
%      globally, otherwise previous activated chars like ":"
%      in French were disactivated when moving to another
%      input encoding.      --bg 99/04/28
%      Chars with diacritics, when activated for math, should
%      be globally disactivated for text, otherwise there is
%      a mess and "missing $" message occurs.      --bg 99/04/29
% V3,22 Set \@kbspecials for any \kbtypeout cs like in french
%      or keyboard packages to typeout with the appropriate
%      keyboard encoding.
%      Set \@kbencoding in the format.      --bg 99/05/07
%      \mathring introduced (LaTeX R9 June 98).      --bg 99/07/07
% V3,23 Now loading hyphenation exceptions file, if any, at
%      each new encoding switch, but only for the current
%      language and never for a dialect.      --bg 99/08/09
%      Avoid kb-translations when running kb2lex.      --bg 99/08/12
%      Allowing / to be a letter in .kbc files.      --bg 99/08/26
%      Loading .kbc file inside a group, like keyboard.sty
%      All \catcode on char set of .kbc now done globally.      --bg 99/08/27
%      Not willing to delay the distribution of the french files
%      i release kbconfig asis with \kbtypeout=\typeout.
%      New feature will come in a next release.      --bg 1999/10/11
%      Message -29- relooked.      --bg 1999/10/12
% V3,24 \protect should be defined as \relax with Plain T1.
%      This is done in frtex.ini      --bg 1999/11/04
%      \ESC now protects the next \ as a string so that we
%      can write any code .lex. Was done for \times and \div
%      in (iso)latin1.kbc and (iso)latin9.kbc      --bg 1999/11/05
%      ... but needs \+ not an \outer def with Plain.      --bg 1999/11/23
% V3,25 When defining \unusedslot one should use \gdef      --bg 1999/11/24
%      Mods processing \@unusedslot.
%      Message -59- added to avoid a format have any default
%      output text, i.e. page in it.
%      Now shipping "\IeC{value}" instead of "\IeC value".
%      Ugly hack about ^^df removed.      --bg 1999/11/26
% V3,26 \ForceMlTeXtoCork no more used. Replaced by a test
%      comparing kbencoding to Cork's one.      --bg 1999/12/03

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% V3,27 \IeC is now defaultly defined as a mark of input encoding
%      processing included.
%      Message -61- added in order the user chose between
%      inputenc or keyboard (just a warning). --bg 1999/12/20
%      Allow mltx.sty to be preloaded. --bg 1999/12/22
% V3,28 \ESC definition changed for to8 for translation
%      of \cs into "\\cs" and \string x into "\\string x".
%      +unskip \def no more usefull, removed.
%      \def of +l, +L, +o, +O, +P, corrected. --bg 2000/02/28
%      Wrong 8bits char generated via \csubinverse due to
%      the use of \string. Char, even \active, is regenerated
%      as a letter via the \Recycle macro. --bg 2000/06/14
%      MlTeX+T1 should not have default \ACTIVEtrue. But any composite
%      character which don't match Cork should be defined in *.kbc
%      file within an \ACTIVEtrue bloc.
%      \csubinverse mechanism should not apply when MlTeX is off.
%      More: \Ox@letter should be reset to \undefined in
%      that case. --bg 2000/06/28
%      kb2lex generation of eight bits lex files no more
%      surrounds (non composite) char with braces. --bg 2000/10/04
%      8bit guillemets now expand to \csname guillemotleft\endcsname
%      so there is nothing to gobble after that def.
%      \@macencodedcode need a complete argument (e.g.
%      {\csname guillemotleft\endcsname}). Thus all calls are
%      now inside a block. --bg 2000/10/27
%      \i \I and \j wrongly generated in 7 and 8bits. Basic
%      translation made the same way alone chars eg "{\i}. --bg 2000/12/08
%      Message number 61 renumbered 67. --bg 2000/12/20
%      Missing space after \string^xx. --bg 2001/01/23
%      fpTeX does not allow to \read a file declared as
%      \newwrite, so i declare it also as usual
%      with \newread (tha's the recycle file). --bg 2001/03/22
% V4,01 \cedilla added for math. --bg 2001/12/13
%      \imath and \jmath were not in use due to change in \i
%      and \j definitions, so they were printed as in text.
%      \DEBUGmessage added for math generation. --bg 2001/12/14
%      Avoid loop when inputenc is loaded in a French mltx
%      format: \@tabacckludge is redefined as \@gobble
%      in math. mode.
%      Numbering messages 69 and 70. --bg 2002/02/12
%      \csubinverse DEBUGmessage misplaced.
%      EncodeDecode macros renamed for meaning.
%      latin1 and latin9.kbc modified for divide and multiply
%      chars defs. --bg 2002/02/14
%      Definition of degree char in *.kbc modified to \r{.
%      Definition of euro char in *.kbc modified to
%      \csname...\endcsname because \texteuro id defaultly
%      \undefined. --bg 2002/02/20
% V5,00 \@kbspecials tunned for \kbtypeout.
%      Full keyboard output encoding now running. --bg 2002/03/06
%      Added: \blankspace and \dGs definition to avoid
%      gobbling space when encoding to 7bit. --bg 2002/03/13
%
%      Changing default encoding to latin9.
%      Defining \unusedslots for ansinew encoding when
%      called from keyboard extension.
%      Releasing that version. --bg 2002/03/22
% V5,01 Typo corrected in Message -70-. --bg 2002/05/27
% V5,03 UTF8 input option added thru inputenc package.

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%      Making \kbencoding available in format.                --bg 2003/07/04
% V5,04 Hyphenation exceptions were wrongly loaded when kb2lex.
%      Message -56- and -29- modified.                        --bg 2003/10/03
% V5,05 \kbencoding no more create a bloc to work in.         --bg 2003/10/24
%      Never load twice consecutively the same encoding.     --bg 2004/02/20
%      UTF8 output facility added.                            --bg 2004/02/25
%      <language>.*.kbc facility added.                       --bg 2004/02/27
% V6,00 Released.                                             --bg 2004/03/01
% V6,01 Erroneous test about <language>@hefn.tex file corrected
%      this will avoid a ‘.tex File ignored’ message.       --bg 2004/03/22
%      No change of \@inpenc@test if already defined.         --bg 2004/03/24
%      New macros supported: \d, \b, \t, \G, \U, \k.
%      No more use \noms which is useless now.               --bg 2004/03/29
%      Messages in French, if requested.                      --bg 2004/04/02
% V6,02 Crash when requesting applemac after utf8 corrected:
%      applemac.kbc \long def of lowercase macros;
%      \UTFviii@ macros nullified at beginning of kbconfig.  --bg 2004/10/12
%
% V6,03 -29- msg should not be issued with "7b" option and
%      if really issued it should be only once.
%      ORI chars were wrongly defined.                        --bg 2005/01/26
%      We don't allways need to re-input active strings so
%      just change it to an usual string. (/recycle mods).
%      Added the "stringed" message%
%      Added the "recycled" debugging message in place of previous
%      "KR" message.                                          --bg 2005/01/28
%      \kbencoding modified not to load twice the same code.  --bg 2005/02/08
% V6,04 Now using the "msg" package when LaTeX; but "msg"
%      may load kbconfig too for \msgencoding so we should
%      avoid a loop, so the \kbAissue macro will not be
%      reentered. In that case usual \message will be used.
%      Don't issue -29- when kb2lex.
%      Issue message -29- at end to avoid crash.             --bg 2005/02/25
%      Unused slot ^^9c or ^^8d should be reset to \undefined
%      before using it.
%      Messages -88, 89, 90- now numbered, -91- added.       --bg 2005/03/02
%      Now allowed \kb@hook at end of kbconfig.              --bg 2005/03/03
% V6,10 Major change in accent macros to allow \i to be processed
%      as i in mltext macros. The macro \kb@char remove the \
%      and keep the i. Afterwards \@hat@i ==> \@hat@^P
%      and \@hat@j ==> \@hat@^Q.                               --bg 2005/03/14
% V6,11 Misspelled \ifx when the msg package was not found.
%      Message -92- introduced.
%      Stand alone message -28- relooked.                    --bg 2005/03/17
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%
%%      checksum          = "09474 344 3146 23589"
%%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

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