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% historyk.pdf                          An idea of Bernard Gaulle 07/29/92

%                               Copyright Bernard Gaulle as in french_doc

% 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 \Madef 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 globaly 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
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%           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

%           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
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%          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 defautly 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 \ifEightBitOuput generation to let packages
%           know if they can output 8bit or not.               --bg 97/06/23


% V2.01 \ifISO replaced internally by \nonActifCar. 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


%        Inproved 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
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%        Validate \forceMlTeXtoCork only when MlTeX. M. Bovani
%            was pointing that hack for other formats.          --bg 98/09/12

%        Correction of \ifx\texeuro.                            --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 substition 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!)
%        i introduce \GobbEmpty to remove empty block after
%            alphabetic cs when generating lex file (+I added).
%        Accepting LO1 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
%            globaly, otherwise previous activated chars like ":"
%            in French were disactivated when moving to another
%            input encoding.                                    --bg 99/04/28
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%         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


% 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 mltex.sty to be preloaded.                       --bg 1999/12/22


%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

%%
%%       checksum       = "57385 246 2313 17206"
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%%