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To Caz. Isp distiphary lookup routines 12/1/79 %. Gewis Johnson
TALL except duild-lex-into taken from barry dirhabaum's Ca2.mli
which was originally cannibalized from Ebb
"ASSJEFILE reads S-expressions from the files in FALELISE until one is found
Twhose CAR is X; ie., a file is like one big association list, but without
"parentheses at the outer level;
(DE ASSOCPTIBE (X FILEBLAST)
  (PRUG (:PPV :DEV :FIGE :PREV UGDI UGDO ENTRY)
        (SET) :224 0(0. 0.))
        (SETY : DEV @USK:)
        (SETQ FRAEGIST (REXTETUE FIGELIST NIG))
        (SETO UNDI PREVI
 CHECKE (COND LITHCUNTENTS &
                           (COMD ((ATOM :FILE) :FILE) IT (CAR :FILE)]))
               (GD WEXTED I)
  NEXIF (COND LETGELIST (SETQ PINEGIST (REXIFIGE ENGENIST T))
                        (GJ CHECKE);
              IT (INC DGDI T) (RETURN HILL))
 NEXTE (CDAD LIATUM (ERRSET (SETQ ENTRY (READ)) VIL)) (GO: NEXTED))
        (COND T(AND THUE CATUM ENTRY)) LEQUAL X (CAR ENTRY)))
               CLAC DODE FO
               (RETURN EMIRY)]
              AT (GU NEXTEDIO)
"NEXIFILE takes a DSKIV format list like (FOD: BAZ (22 12) A B SAM: (D.LSP)),
Tuses FillESTAU to set the current :PPN, :DEVice and :File, opens :File for
"input, sets :PREV to the previous channel, closes :PREV if CLUSE is non-NIL,
"and returns the rest or the file list;
(DE: NEXTFIGE (FAGES COUSE)
  (PRUG (TEMP)
        (COMP [[WOLD FIGES] (RETURN WIL)])
        (SET) TEMP (FILESCAN FILES :DEV :PPN))
        (SETO FALES (COR TEMP))
        (SETQ : DEV (CAAR TEMP))
        (SETQ :PPN (CADAR TEMP))
        (COMP LIATOR (SETQ :FIGE (CADDAR TEMP)))
               (SETO :FILE (CONS :FILE MIDX))])
        (SETQ : PREV
              (EVAL (LIST BINC
                          (LIST BIMPUT (GENSYM) :DEV :PPM :F46E)
                          ČLUSE)))
        (RETURN FILES)))
"FludSCAN scans down the file-list looking for the first file-name, resetting
the device and PPN along the way as necessary;
ibe Falescan (Fale-Gist Device PPA)
  (PRJG (TEMP)
   LIJP (COVO L(VULL FILE-61SI)
               (RETURN (CONS (LIST DEVICE PRA VIL) NIL))))
        (SET) TEMP (CAR FILE-GIST))
        (SET) FALE-LIST (COR FILE-LIST))
        (COND ((ATUM TEMÉ)
               (:000 ((Equal (CAR (LAST (EXPLOSE (EMP))) 0:1)
                      (SETO DEVICE TEMP)
                      (30 6004)]
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LT CRETURN (CONS (LIST DEVICE PPN TEMP) FILE-LIST))
                      1) j
              ICAND CHUMBERP (CAR DEMP) | INUMBERP (CADR DEMP) | )
               (SETO PEN TEMP)
               (30 6005))
              LT (RETURN (COMS (LUST DEVICE PPN TEMP) F46E-61ST)))))
TANCINTENTS checks the associated content list, it any, for the entry;
(OE INCONTENTS (X FILE)
  (OR INUBL (SEE FILE ACOMTENTS)) (MEMBER X (SEE FILE ACOMTENTS)]))
"Get-lex-into builds a lexical entry and sticks at request pool in it
(de get=lex=into (dest word)
 (let (new (new-lex))
 (cond '((null) (get word 'requests:))
          (llook-up word)))
  (putprop new (build-bool (get word 'requests:)) 'pobl:)
  (šet dest newi)))
"GDUK-UP tings the index entry and then searches
"the correct distionary for word.
(DELLPIOK-OB (MORD)
  CERUS (ENTRY 12)
        (CUIP EUNDUG (SELQ ENTRY (ASSOCTIVE HORD :INDICES)))
               (RETURN VILII)
        (SETO IC
              (EVAL (LIST @INC
                          TLIST MINPUT
                                 (GENSYM)
                                 (CADR ENTRY)
                                 CCADDR EUTRY))
                          316)]]
   LUPP (COMO L(AMPP (AEXLEMIKA)) (MELONN MIP)]
         If it got here the entry was found;
              TIMES WORD (READI) (GO LOUP)I
              IT (EVAL (READ)) (INC IC T) (RETURN T)])))
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