

File created: 17-Mar-2022 12:13:30 {DSK}<Users>kaplan>Local>medley3.5>my-medley>sources>SPELLFILE.;5

changes to: (FNS SPELLFILE FINDFILE)

previous date: 16-Mar-2022 20:02:22 {DSK}<Users>kaplan>Local>medley3.5>my-medley>sources>SPELLFILE.;2

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::
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(RPAQQ SPELLFILECOMS

```
(( * "File name spelling correction")
 (FNS FINDFILE SPELLFILE SPELLFILE.MATCHINGDIRS SPELLFILE.SPELL SPELLFILE.SPELL1 SPELLFILE1 SPELLFILEDIR)
 (GLOBALVARS USERNAME)
 (INITVARS (NOFILESPELLFLG T))
 [DECLARE%: DONTEVAL@LOAD DOCOPY (ADDVARS (ERRORYPELST (23 (SPELLFILE (CADR ERRORMESS)
                                                                NIL NOFILESPELLFLG]
 (ADDVARS (DIRECTORIES))))])
```

:: File name spelling correction

(DEFINEQ

(FINDFILE

[LAMBDA (FILE NSFLG DIRLST)

; Edited 14-Mar-91 21:54 by bvm

:: If file has an explicit directory on it and that file exists, don't fool around with the directory packing in SPELLFILE, simply return.

```
(COND
 ((AND (OR (NULL DIRLST)
            (UNPACKFILENAME.STRING FILE 'DIRECTORY))
        (INFILEP FILE)))
 (T (SPELLFILE FILE T NSFLG DIRLST]))
```

(SPELLFILE

[LAMBDA (FILE NOPRINTFLG NSFLG DIRLST)

:: Edited 17-Mar-2022 12:13 by rmk: added FINDFILE-WITH-EXTENSIONS at the top, for FILE-NOT-FOUND and FINDFILE

:: Edited 27-Nov-90 14:13 by nm

```
(DECLARE (SPECVARS NAME EXTENSION VERSION SPELLVAL DIRHOSTS HOST)
 (GLOBALVARS \FILEDEVICENAMES))
```

:: This does the FOO to FOO>FOO correction, with only directory scanning and no other transformations.

```
(OR (FINDFILE-WITH-EXTENSIONS FILE DIRLST)
 (PROG (SPELLVAL VAL DIRHOSTS HOST DEVICE DIRECTORY RELATIVEDIRECTORY SUBDIRECTORY NAME EXTENSION VERSION
        FILEDATES (FIELDS (UNPACKFILENAME.STRING FILE))
        (DIRS (OR DIRLST DIRECTORIES))
        (APPFLG 'MUST-APPROVE)
        (NSFLG (OR NSFLG NOSPELLFLG (NULL DWIMFLG)))
        (ROOTNAME FILE)
        (NAMESUBDIR))
      (OR FILE (RETURN))
    FLDLP
    (COND
      (FIELDS (SELECTQ (CAR FIELDS)
                       (NAME (SETQ NAME (CADR FIELDS)))
                       (VERSION (SETQ VERSION (CADR FIELDS)))
                       (EXTENSION (SETQ EXTENSION (CADR FIELDS)))
                       (DIRECTORY (SETQ DIRECTORY (CADR FIELDS)))
                       (RELATIVEDIRECTORY
                        (SETQ RELATIVEDIRECTORY (CADR FIELDS)))
                       (SUBDIRECTORY (SETQ SUBDIRECTORY (CADR FIELDS)))
                       (HOST (SETQ HOST (CADR FIELDS)))
                       (DEVICE
                        ;; Pseudo-devices FOO: can be used to denote a list of directories
                        (OR [AND (NULL DEVICE)
                               (NULL DIRECTORY)
                               (SETQ DIRS (GETPROP (SETQ DEVICE (CADR FIELDS))
                                                    'DIRECTORIES]
                               (RETURN)))
                        (RETURN)))
      (SETQ FIELDS (CDDR FIELDS))
      (GO FLDLP)))
  [AND HOST (COND
    ((HOSTNAMEP HOST))
    ([AND (NOT NSFLG)
          (SETQ HOST (FIXSPELL HOST NIL \FILEDEVICENAMES 'NO-MESSAGE)
          (AND (SETQ VAL (INFILEP (PACKFILENAME.STRING 'HOST HOST 'BODY FILE)))
              (GO RET)))
    (T
     ; It is pointless to go on if we don't have a valid host.
```



```

(RETURN)))
(for FIELDS on (UNPACKFILENAME.STRING FL) by (CDDR FIELDS) do
; Ignore host and directory, assuming we only generate
; appropriate ones.
(SELECTQ (CAR FIELDS)
(NAME (SETQ NAME1 (CADR FIELDS)))
(EXTENSION (SETQ EXT1 (CADR FIELDS)))
(VERSION (SETQ VERS#1 (CADR FIELDS)))
NIL)
)
)
[COND
([OR (NOT VERSION)
(AND VERS#1 (EQ VERSION (MKATOM VERS#1)) ; Skip if versions mismatch, so fixspell only works on names
(RETURN (PACKFILENAME.STRING 'NAME NAME1 'EXTENSION EXT1]
(SETQ NAME1 (SETQ EXT1 (SETQ VERS#1 NIL)))
(GO LP)])

```

(SPELLFILEDIR

```

[LAMBDA (DIR)
(* rmk%: "13-NOV-81 22:13")
(* If HOST, returns fullname of file on {HOST}DIR, otherwise searches the hosts associated with DIR for the first one with
file.)
(DECLARE (USEDFREE HOST DIRHOSTS NAME EXTENSION VERSION))
(COND
(HOST (INFILEP (PACKFILENAME 'HOST HOST 'DIRECTORY DIR 'NAME NAME 'EXTENSION EXTENSION 'VERSION VERSION))
)
(T (for H in (OR (CDR (FASSOC DIR DIRHOSTS))
'(NIL))
when (SETQ H (INFILEP (PACKFILENAME 'HOST H 'DIRECTORY DIR 'NAME NAME 'EXTENSION EXTENSION
'VERSION VERSION)))
do (RETURN H))
)
)
(DECLARE%: DOEVAL@COMPILE DONTCOPY
)
(GLOBALVARS USERNAME)
)
(RPAQ? NOFILESPELLFLG T)
(DECLARE%: DONTEVAL@LOAD DOCOPY
)
(ADDTOVAR ERRORYPELST (23 (SPELLFILE (CADR ERRORMESS)
NIL NOFILESPELLFLG)))
)
(ADDTOVAR DIRECTORIES )
(PUTPROPS SPELLFILE COPYRIGHT ("Venue & Xerox Corporation" 1986 1990 1992))

```

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