

File created: 27-Oct-89 15:35:24 {ICE}<KOOMEN>LISPUSERS>MEDLEY>WALKFILES.;1

changes to: (VARS WALKFILESCOMS)

previous date: 13-Oct-89 16:26:34 {ICE}<KOOMEN>LISPUSERS>KOTO>WALKFILES.;2

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::  
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```
(RPAQQ WALKFILESCOMS ((FNS WALKDEFS WALKFILES)
                     (PROP MAKEFILE-ENVIRONMENT 'WALKFILES)))
```

(DEFINEQ

(WALKDEFS

```
[LAMBDA (PATTERN NAMES TYPE EDITCOMMANDS CONFIRMFLG QUIETFLG RETFROMFN)
      (* Koomen "13-Oct-89 16:23")
```

:: Searches the defs of each name on NAMES for PATTERN. When found, invokes editor on the object with EDITCOMMANDS. If CONFIRMFLG,  
:: prompts for confirmation first before invoking editor. If not QUIETFLG, provides feedback. If EDITCOMMANDS = NIL, uses '((LP (F ,PATTERN  
:: N) P)), i.e. prints each occurrence in the def. If EDITCOMMANDS = T, uses '((EXAM ,PATTERN)), i.e. let editor walk through each occurrence.

```
(for NAME inside NAMES bind EDITFPAT EDITCOMS PRETTYTYPE CONFIRMED DONE
```

```
  first (SETQ EDITFPAT (EDITFPAT (if (AND (LITATOM PATTERN)
                                         (NULL EDITCOMMANDS))
                                     then `(-- ,PATTERN --)
                                     else PATTERN)))
```

```
    (SETQ EDITCOMS (if (NULL EDITCOMMANDS)
                      then `((LP (F ,EDITFPAT N)
                                  P)
                          elseif (EQ EDITCOMMANDS T)
                          then `(EXAM ,EDITFPAT))
                      else EDITCOMMANDS))
```

```
    (SETQ PRETTYTYPE QUIETFLG)
    (SETQ CONFIRMED (OR (NULL CONFIRMFLG)
                       (NULL EDITCOMMANDS)
                       (NEQ EDITCOMMANDS T)))
```

```
  when (if (NOT (FMEMB NAME DONE))
           then (push DONE NAME)
           (if (OR (HASDEF NAME TYPE 'CURRENT)
                   (HASDEF NAME TYPE 'SAVED))
               then (EDITFINDP (GETDEF NAME TYPE NIL 'DONTCOPY)
                               EDITFPAT T)))
```

```
  do (if (NOT PRETTYTYPE)
        then (SETQ PRETTYTYPE (OR (CADDR (SEARCHPRETTYTYPEELST TYPE))
                                   (L-CASE TYPE T)))
        (PRINTOUT NIL PRETTYTYPE ":" T))
```

```
  (if (NOT QUIETFLG)
      then (PRINTOUT NIL "--> " NAME T))
```

```
  (if (ARGTYPE EDITCOMS)
      then (APPLY* EDITCOMS NAME TYPE)
      elseif (OR CONFIRMED (MOUSECONFIRM "Edit? "))
      then (EDITDEF NAME TYPE NIL EDITCOMS)
      elseif (NOT (MOUSECONFIRM "Continue?"))
      then (RETFROM (OR RETFROMFN 'WALKDEFS))
```

(WALKFILES

```
[LAMBDA (PATTERN FILES EDITCOMMANDS CONFIRMFLG QUIETFLG FILEPACKAGETYPES)
      (* Koomen "13-Oct-89 16:24")
```

:: If EDITCOMS=NIL, use '((LP (F ,PATTERN N) P))  
:: If EDITCOMS=T, use '((EXAM ,PATTERN))  
:: If EDITCOMS=atomic, APPLY it to appropriate objects  
:: If FILES=NIL, use FILELST  
:: If FILEPACKAGETYPES=NIL, use atomic entries on FILEPKGYPES

```
(DECLARE (GLOBALVARS FILELST FILEPKGYPES)
  (for FILE inside (OR FILES FILELST) bind (TYPES _ (OR FILEPACKAGETYPES (for TYPE in FILEPKGYPES
                                                                    when (SEARCHPRETTYTYPEELST TYPE)
                                                                    collect TYPE)))
```

```
  do (if (NOT QUIETFLG)
        then (printout T "---- Searching file " FILE T))
        (for TYPE in TYPES bind NAMES when (SETQ NAMES (FILECOMSLST FILE TYPE))
        do (BLOCK
            (WALKDEFS PATTERN NAMES TYPE EDITCOMMANDS CONFIRMFLG QUIETFLG (FUNCTION WALKFILES))
```

)

(PUTPROPS WALKFILES COPYRIGHT ("Johannes A. G. M. Koomen" 1989))



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FUNCTION INDEX

WALKDEFS .....1      WALKFILES .....1

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