

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))
```

{MEDLEY}<lispusers>WALKFILES.;1

FUNCTION INDEX

WALKDEFS1 WALKFILES1
