

File created: 11-Dec-87 13:33:22 {DSK}<XAVIER>COMMENTHACKS.;7

changes to: (FNS MYSUPERPRINT/COMMENT2 MYSUPERPRINT/COMMENT EDITDEF.FUNCTIONS FIXDEFUNEDITDATE COMMENT2
MYEDITDATE? EDITDATE?)
(VARS COMMENTHACKSCOMS)
(FUNCTIONS FOOFUNCTIONS)
(PROPS (COMMENTHACKS MAKEFILE-ENVIRONMENT))

previous date: 10-Dec-87 10:58:48 {DSK}<XAVIER>COMMENTHACKS.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

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(RPAQQ COMMENTHACKSCOMS

```
((FNS EDITDEF.FUNCTIONS FIXDEFUNEDITDATE MYEDITDATE? MYSUPERPRINT/COMMENT MYSUPERPRINT/COMMENT2)
(P (MOVD 'MYEDITDATE? 'EDITDATE?)
(MOVD 'MYSUPERPRINT/COMMENT 'SUPERPRINT/COMMENT))
(PROP EDITDEF FUNCTIONS)
(PROP (MAKEFILE-ENVIRONMENT FILETYPE)
COMMENTHACKS)
(EDITHIST COMMENTHACKS)))
```

(DEFINEQ

(EDITDEF.FUNCTIONS

```
[LAMBDA (NAME TYPE SOURCE EDITCOMS OPTIONS) ; Edited 10-Dec-87 10:37 by DJVB
(LET [(DEF (GETDEF NAME TYPE SOURCE ' (EDIT NOCOPY)
(SETQ RETRY NIL)
(EDITE DEF EDITCOMS NAME TYPE [FUNCTION (LAMBDA (NAME DEF TYPE EXITFLG)
(MARKASCHANGED NAME TYPE 'CHANGED)
(FIXDEFUNEDITDATE DEF)
(PUTDEF NAME TYPE DEF]
OPTIONS) ; AND SAY WE EDITED IT
T])
```

(FIXDEFUNEDITDATE

```
[LAMBDA (EXPR) ; Edited 10-Dec-87 10:42 by DJVB
;; Inserts or replaces previous edit date in a (DEFUN f (args) (DECLARE --)... "doc string" EDITDATE body
(AND INITIALS (LISTP EXPR)
(FMEMB (CAR EXPR)
'(CL:DEFUN DEFMACRO))
(LISTP (CDDR EXPR))
(PROG ((E (CDDDR EXPR)))
RETRY
(COND
((NLISTP E)
(RETURN))
((LISTP (CAR E))
(SELECTQ (CAAR E)
((DECLARE)
(SETQ E (CDR E))
(GO RETRY)))
(BREAK1 (COND
((EQ (CAR (CADAR E))
'PROGN)
(SETQ E (CDR (CADAR E)))
(GO RETRY))))
(ADV-PROG (RETURN))
NIL))
((STRINGP (CAR E)) ; DOC STRING
(SETQ E (CDR E))
(GO RETRY)))
(COND
((AND (LISTP (CDR E))
(EDITDATE? (CAR E)))
(/RPLACA E (EDITDATE (CAR E)
INITIALS)))
(T (/ATTACH (EDITDATE NIL INITIALS)
E)))
(RETURN EXPR])
```

(* No easy way to mark cleanly the date of an advised function)

; DOC STRING

(MYEDITDATE?

```
[LAMBDA (COMMENT) ; Edited 10-Dec-87 13:50 by DJVB
(AND *REPLACE-OLD-EDIT-DATES* (LISTP COMMENT)
(SUPERPRINTEQ (CAR COMMENT)
COMMENTFLG)
```



```

      else 1)))
    (SEMIS (if (EQ SEMI 2)
              then ";;"
              else ";"))
    (OR SEMIN (SETQ CMT (CDR CMT))) ; IF TOP LEVEL, SKIP *
    (SETQ FILE (\GETSTREAM FILE 'OUTPUT))
    (AND (EQ (DSPXPOSITION NIL FILE)
             COMMENT-LMARGIN)
         (PRINOPEN TAIL SEMIS FILE)) ; does PRIN3, but only do if still at left
    (for TAIL on CMT bind LASTITEM THISITEM finally (if TAIL
                                                         then (PRINDOTP TAIL FILE))
      do (SETQ THISITEM (CAR TAIL))
        [if (OR (EQ LASTITEM '-')
                (AND (GEQ (DSPXPOSITION NIL FILE)
                          COMMENT-MIDPOINT)
                     (NOT (LISTP THISITEM))
                     (LITATOM LASTITEM)
                     (SELCHARQ (NTHCHARCODE LASTITEM -1)
                                (;& . -)
                                T)
                     NIL))]
          then (PRINENDLINE COMMENT-LMARGIN FILE)
              (PRINOPEN TAIL SEMIS FILE)
          else (if [AND (NEQ CMT TAIL)
                       (OR (LISTP LASTITEM)
                           (NOT (MEMB THISITEM '(% . % , ; %:]))
                     then (SUPERPRINT/SPACE FILE))
              (OR (LISTP THISITEM)
                  (STRINGP THISITEM)
                  (if (GEQ (PLUS (DSPXPOSITION NIL FILE)
                                (STRINGWIDTH THISITEM (OR FILE *STANDARD-OUTPUT*)
                                                         T)
                                (STRINGWIDTH (if (CDR TAIL)
                                                  then ""
                                                  else ")))
                            (OR FILE *STANDARD-OUTPUT*)))
                    COMMENT-RMARGIN)
                then (PRINENDLINE COMMENT-LMARGIN FILE)
                    (PRINOPEN TAIL SEMIS FILE]
            (SETQ LASTITEM THISITEM)
            (if (LISTP LASTITEM)
                then (MYSUPERPRINT/COMMENT2 LASTITEM COMMENT-LMARGIN COMMENT-MIDPOINT
                                             COMMENT-RMARGIN FILE SEMI)
                elseif (STRINGP LASTITEM)
                then (PRIN2-LONG-STRING LASTITEM FILE NIL TAIL COMMENT-LMARGIN COMMENT-RMARGIN T
                    SEMI)
                else (PRIN2S LASTITEM TAIL FILE))) ; IN CASE MAKING MAP
            (PRINSHUT TAIL NIL FILE) ; AND FORCE NEWLINE IN MYSUPERPRINT/COMMENT
    (SETQ RIGHTFLG NIL) ; Do it the old way as (* --)
  else (SUPERPRINT/COMMENT2 CMT COMMENT-LMARGIN COMMENT-MIDPOINT COMMENT-RMARGIN FILE])
)
(MOVD 'MYEDITDATE? 'EDITDATE?)
(MOVD 'MYSUPERPRINT/COMMENT 'SUPERPRINT/COMMENT)
(PUTPROPS FUNCTIONS EDITDEF EDITDEF.FUNCTIONS)
(PUTPROPS COMMENTHACKS MAKEFILE-ENVIRONMENT (:READTABLE "INTERLISP" :PACKAGE "INTERLISP"))
(PUTPROPS COMMENTHACKS FILETYPE :TCOMPL)
(DECLARE%: DONTCOPY
(ADDOVAR EDITHISTALIST
  (COMMENTHACKS ("10-Dec-87 10:59:27" DJVB {DSK}<XAVIER>COMMENTHACKS.;1 (COMMENT2 EDITDATE? MYEDITDATE?
                                                                    MYSUPERPRINT/COMMENT
                                                                    EDITDEF.FUNCTIONS
                                                                    FIXDEFUNEDITDATE))
    ("10-Dec-87 17:09:35" DJVB {DSK}<XAVIER>COMMENTHACKS.;3 (MYSUPERPRINT/COMMENT COMMENT2
                                                                    MYSUPERPRINT/COMMENT2
                                                                    MYEDITDATE?)
    (STUFF TO GET EDITDATE INTO FUNCTIONS AND PRINT SEMICOLON COMMENTS FOR EVERYTHING))
    ("11-Dec-87 12:49:30" DJVB {DSK}<XAVIER>COMMENTHACKS.;4 (MYSUPERPRINT/COMMENT2))
    ("11-Dec-87 12:52:55" DJVB {DSK}<XAVIER>COMMENTHACKS.;6 (EDITDEF.FUNCTIONS FIXDEFUNEDITDATE)
    (FIXED DETAILS))
    ("11-Dec-87 13:33:43" DJVB {DSK}<XAVIER>COMMENTHACKS.;7 (MYSUPERPRINT/COMMENT2
                                                                    MYSUPERPRINT/COMMENT)
    (FIXING DETAILS))))
)
(PUTPROPS COMMENTHACKS COPYRIGHT ("Unisys Corp." 1987))

```

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