```
27-Mar-2024 23:45:38 {WMEDLEY}spusers>TEDIT-PF-SEE.;119
 File created:
      edit by:
                rmk
  changes to:
                (FNS PF-TEDIT)
previous date:
                25-Dec-2023 12:29:39 {WMEDLEY}pusers>TEDIT-PF-SEE.;118
 Read Table:
                INTERLISP
    Package:
                INTERLISP
       Format:
                 XCCS
(RPAQQ TEDIT-PF-SEECOMS
        [(FNS PF-TEDIT)
         (COMMANDS ts tf)
         (FILES (SYSLOAD)
                 REGIONMANAGER)
         (P (MOVD? 'PFCOPYBYTES 'PFI.MAYBE.PP.DEFINITION))
         (DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILERVARS (ADDVARS (NLAMA)
                                                                                          (NLAML)
                                                                                          (LAMA])
(DEFINEQ
(PF-TEDIT
                                                                           ; Edited 27-Mar-2024 23:45 by rmk
  [LAMBDA (FN IFILES REPRINT)
                                                                            Edited 25-Dec-2023 12:24 by rmk
                                                                            Edited 5-Dec-2023 23:50 by rmk
                                                                            Edited 12-Oct-2023 00:19 by rmk
                                                                            Edited 14-Sep-2023 22:33 by rmk
                                                                            Edited 14-Jul-2023 00:14 by rmk
                                                                            Edited 5-May-2022 23:11 by rmk
                                                                            Edited 12-Jan-2022 13:15 by rmk
                                                                            Edited 30-Dec-2021 23:17 by rmk
    ;; PF* to a read-only TEDIT window. First argument is the function name, second if given is the input file
    ;; This uses PFCOPYBYTES so we see what it looks like on the file. But some functions were not prettyprinted, so they appear as useless
    ;; garbage.
    ;; In that case, calling again with REPRINT=T will read and reprint. And, invoking tf again with no arguments at all will also reprint the last function
    ;; in the same window
     (SETQ IFILES (MKLIST IFILES))
     (CL:WHEN (LISTP FN)
         (SETQ FN (CAR FN)))
     (SELECTQ FN
          ((t T NIL)
               (SETQ REPRINT T)
               (SETQ FN LASTWORD))
          (SETQ LASTWORD FN))
     (CL:UNLESS FN (ERROR "No function to print"))
    (CL:WHEN (INTERSECTION '(T t)
                       IFILES)
         (SETQ REPRINT T)
         [SETQ IFILES (LDIFFERENCE IFILES '(t T])
     (IF [OR IFILES (SETQ IFILES (APPEND (WHEREIS FN 'FNS T)
                                             (WHEREIS FN 'FUNCTIONS T]
         THEN
                                                                           : skip compiled files
               ;; Since we are creating readonly Tedits, try to keep the TTY where it is.
                (FOR IFILE LOC TSTREAM ENV EXPR TFPROP WINDOW INSIDE IFILES
                   UNLESS (MEMB (FILENAMEFIELD IFILE 'EXTENSION)
                                    COMPILED-EXTENSIONS*)
                   DO (SETQ LOC (FINDFNDEF FN IFILE))
                       (IF
                           (LISTP LOC)
                           THEN (SETO TFPROP (LIST FN (CAR LOC)))
[SETO WINDOW (FIND W IN (OPENWINDOWS)
                                                     SUCHTHAT (AND (EQUAL TFPROP (WINDOWPROP W 'TF))
                                                                       (fetch (TEXTWINDOW WTEXTSTREAM) of W]
                                      (AND WINDOW (NOT REPRINT))
                                       THEN ;; If already an open PF window on this function in this file, just raise it to the top
                                             (TOTOPW WINDOW)
                                              (RETURN)
                                    ELSE (CL:WITH-OPEN-FILE (ISTREAM (POP LOC)
                                                                         :DIRECTION :INPUT)
                                                   (SETQ ENV (LISPSOURCEFILEP ISTREAM))
(SETFILEINFO ISTREAM 'FORMAT ENV)
                                                   (SETQ TSTREAM (OPENTEXTSTREAM))
                                                   (DSPFONT DEFAULTFONT TSTREAM)
                                                   (PRINT-READER-ENVIRONMENT ENV TSTREAM)
                                                   (IF REPRINT
                                                       THEN (SETFILEPTR ISTREAM (POP LOC))
                                                              (SETQ EXPR (WITH-READER-ENVIRONMENT ENV (READ ISTREAM)))
                                                              (WITH-READER-ENVIRONMENT ENV
                                                                   (IF
                                                                      (EQ FN (CAR EXPR))
                                                                       THEN (DSPFONT BOLDFONT TSTREAM)
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(PRINT FN TSTREAM)
                                                                                  (DSPFONT DEFAULTFONT TSTREAM)
                                                                                  (SETQ EXPR (CADR EXPR))
                                                                                  (PRINTDEF EXPR 3 T NIL NIL TSTREAM)
                                                                        ELSEIF (EQ FN (CADR EXPR))
                                                                           THEN ;; Presumably a DEFUN. Print the CAR, boldface the cadr
                                                                                  (PRINTOUT TSTREAM "(" .P2 (CAR EXPR)
" " .FONT BOLDFONT .P2 (CADR EXPR)
.FONT DEFAULTFONT " " .P2 (CADDR EXPR)
                                                                                          T 3)
                                                                                  (PRINTDEF (CDDDR EXPR)
3 T T NIL TSTREAM)
(PRIN3 ")" TSTREAM)
                                                                        ELSE (PRINTDEF EXPR 3 NIL NIL NIL TSTREAM)))
                                                        ELSE (PFI.MAYBE.PP.DEFINITION ISTREAM TSTREAM (POP LOC)
                                                                       (POP LOC)))
                                                      (TERPRI TSTREAM)
                                                      [TEDIT TSTREAM (OR WINDOW 'TF)
                                                              NTT.
                                                              '(READONLY T LEAVETTY T TITLE , (CONCAT FN " from "
                                                                                                             (FULLNAME ISTREAM]
                                                      (TEXTPROP TSTREAM 'ITEM-NAME FN)
                                                      (TEXTPROP TSTREAM 'BOUNDTABLE (TEDIT.ATOMBOUND.READTABLE *READTABLE*
                                             ;; The windowprop allows for reprinting as a window action, or reprinting from a command that can ;; find and reuse the previous (presumably unprettied) window.
                                                      (WINDOWPROP (WFROMDS TSTREAM)
                                                              'TF TFPROP)))
                          ELSEIF (EQ LOC 'FILE.NOT.FOUND)
                          THEN (printout T "file " IFILE " not found." T)
ELSE (printout T FN " not found on " LOC "." T)))
                 (SETQ *LAST-DF* FN)
       ELSE (PRINTOUT T FN " has no function definition" T])
)
(DEFCOMMAND ts (FILE WINDOW FORMAT)
    (TEDIT-SEE (OR (FINDFILE-WITH-EXTENSIONS FILE NIL '(NIL TEDIT TED TXT TEXT TEX))
                      (ERROR "FILE NOT FOUND" FILE))
            (OR WINDOW 'SEE)
            FORMAT))
(DEFCOMMAND tf (FN . IFILES) (PF-TEDIT FN IFILES))
(FILESLOAD (SYSLOAD)
        REGIONMANAGER)
(MOVD? 'PFCOPYBYTES 'PFI.MAYBE.PP.DEFINITION)
(DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILERVARS
(ADDTOVAR NLAMA )
(ADDTOVAR NLAML )
(ADDTOVAR LAMA )
```

## {MEDLEY}lispusers>TEDIT-PF-SEE.;1 28-Jun-2024 18:34:03 -- Listed on 30-Jun-2024 13:14:59 --

FUNCTION INDEX  PF-TEDIT	
COMMAND INDEX	
tf2	ts2