```
(RPAQQ MEDLEY-UTILSCOMS
       [(FNS GATHER-INFO MAKE-FULLER-DB MAKE-INDEX-HTMLS MEDLEY-FIX-LINKS MEDLEY-FIX-DATES)
        (VARS MEDLEY-FIX-DIRS OKSOURCES OKLIBRARY OKLISPUSERS OKINTERNAL)
        (FNS MAKE-EXPORTS-ALL MAKE-WHEREIS-HASH MAKE-WHEREIS-LOOPS)
        (FNS HCFILES MAKE-INDEX-HTMLS)
        (PROP FILETYPE MEDLEY-UTILS)
        (ADVISE TEDIT.PROMPTPRINT)
        (FNS RECOMPILE-ONE RECMPL COMPILE-SETUP REMAKEFILES)
        (P (READVISE TEDIT.PROMPTPRINT))
        (DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILERVARS (ADDVARS (NLAMA)
                                                                             (NLAML)
                                                                             (LAMA])


(DEFINEQ

(GATHER-INFO
  [LAMBDA (PHASE)                                             ; Edited 22-May-2023 23:59 by lmm
                                                             ; Edited 26-Dec-2021 18:56 by larry
                                                             ; Edited 24-Oct-2021 09:43 by larry

    (SELECTQ PHASE
        (ALL (for I from 0 to 4 do (GATHER-INFO I)))
        (0 (SETQ SYSFILES (UNION SYSFILES FILELST))
           (SETQ FILELST NIL)
           (FILESLOAD (SOURCE)
                   SYSEDIT))
        (1 [SETQ LOADEDFILES (for X in LOADEDFILELST collect (FILENAMEFIELD X 'NAME]
           (FILESLOAD FILESETS)
           [SETQ ALLFILESETSFILES (for X in FILESETS join (APPEND (EVAL X]
           [SETQ SOURCES (for X in (DIRECTORY (MEDLEYDIR "sources" "*.*;" T))
                             when [NOT (MEMB (FILENAMEFIELD X 'EXTENSION)
                                             '(LCOM DFASL TEDIT TXT]
                             collect (FILENAMEFIELD X 'NAME])
           (-1 (PRINTOUT T " loaded files not in SYSFILES or FILELST: "
                     (for X in LOADEDFILES when (NOT (OR (FMEMB X SYSFILES)
                                                         (FMEMB X FILELST)))
                        collect X)
                  T)
               (PRINTOUT T "Sources not loaded: " (CL:SET-DIFFERENCE SOURCES (APPEND ALLFILESETSFILES LOADEDFILES))
                        )
                  T)
               (PRINTOUT T "Files in FILESETS not loaded " (CL:SET-DIFFERENCE ALLFILESETSFILES LOADEDFILES)
                  T))
        (2 (SETQ DEFINEDFNS (LET ((DEFD NIL))
                              [MAPATOMS (FUNCTION (CL:LAMBDA (X)
                                                    (CL:WHEN (GETD X)
                                                       (CL:SETQ DEFD (CONS X DEFD)))]
                              DEFD))
           [for X in DEFINEDFNS when (CCODEP X)
              do (LET [(Y (PUTPROP X 'CCC (CALLSCCODE X]
                      (for REV in '(BLOCK-CALLED-BY CALLED-BY BOUND-BY SPECIAL-BY GLOBAL-BY) as VAL in Y
                         do (for S in VAL do (PUTPROP S REV (CONS X (GETPROP S REV]
           (SETQ CALLEDFNS NIL)
           [MAPATOMS (FUNCTION (LAMBDA (X)
                                 (if (AND (NOT (GETD X))
                                          (GETPROP X 'CALLED-BY))
                                     then (CL:PUSH X CALLEDFNS])
           (-2 (PRINTOUT T "Functions called and not defined" CALLEDFNS T))
        (3 (for X in SYSFILES
              do (LOAD X 'PROP)
                 (PUTPROP X 'CONTENT (READFILE X))
                 (for EXR in (GETPROP X 'CONTENT)
                    do (SELECTQ (CAR EXR)
                           (DEFINEQ (for DFN in (CDR EXR) do (if (EQUAL (CADR DFN)
                                                                        (GETPROP (CAR DFN)
                                                                                 'EXPR))
                                                                 then (PRINTOUT T (CAR DFN)
                                                                            " ")
                                                                      (PUTPROP (CAR DFN)
                                                                             'EXPR
                                                                             (CADR DFN))
                                                                 else (PRINTOUT T (CAR DFN)
                                                                            "* "))))
                           NIL)))
           [SETQ ALLCONTENT (for X in SYSFILES collect (CONS X (GETPROP X 'CONTENT]
```

```
                                                                      ; don't edit with SEDIT
              (LET (DUPS)
                   [for X in SYSFILES do (for FN in (FILEFNSLST X)
                                              do (if (GETPROP FN 'WHEREIS)
                                                     then (NCONC1 (GETPROP FN 'WHEREIS)
                                                                  X)
                                                          (OR (FMEMB FN DUPS)
                                                              (SETQ DUPS (CONS FN DUPS)))
                                                     else (PUTPROP FN 'WHEREIS (LIST X]
                   (SETQ DUPFNS DUPS))
                   (SETQ NO-SOURCE (for X in DEFINEDFNS when (NOT (GETPROP X 'EXPR)) collect X)))
              (-3 (PRINTOUT T "Functions compiled but no expr" NO-SOURCE T)
                  (PRINTOUT T "Functions on more than one file: " DUPFNS T))
              (4 (PRINTOUT T T "STARTING MASTERSCOPE PHASE ON " (DATE)
                      T)
                 (FILESLOAD (SOURCE)
                       SYSEDIT)
                 (for X in SYSFILES do (MSNOTICEFILE X))
                 [for X in SYSFILES do (PRINTOUT T T "Analyzing " X T)
                                       (MASTERSCOPE '(ANALYZE ON ,(KWOTE X])
              (-4 "No queries yet")
              (HELP])
```

⟨**MAKE-FULLER-DB**

```
  [LAMBDA (DRIBBLEFILE DBFILE SYSOUTFILE)                    ; Edited  3-Aug-2023 18:12 by frank
                                                            ; Edited 16-Jul-2022 22:07 by larry
                                                            ; Edited 20-Jun-2022 17:23 by larry


     (FILESLOAD (SOURCE)
           FILESETS)
     (DRIBBLE (OR DRIBBLEFILE "fuller.dribble"))
     (DOFILESLOAD (SUBSET (APPEND OKSOURCES OKLIBRARY OKLISPUSERS OKINTERNAL)
                     'FINDFILE))
     (GATHER-INFO 'ALL)
     (MASTERSCOPE '(WHO CALLS XYZZY))
     (DUMPDATABASE NIL (MKATOM (OR DBFILE "fuller.database")))
     (DRIBBLE)
     (MAKESYS (OR SYSOUTFILE "fuller.sysout")
           "Welcome to Fuller sysout"])
```

⟨**MAKE-INDEX-HTMLS**

```
  [LAMBDA (BASE TOP)                                        ; Edited 29-Apr-2024 14:18 by lmm
                                                            ; Edited 26-Apr-2024 16:15 by lmm
                                                            ; Edited 20-Apr-2024 12:34 by lmm
                                                            ; Edited 13-Apr-2024 21:18 by lmm

     [OR BASE (SETQ BASE (PSEUDOFILENAME (MEDLEYDIR]
     (OR (DIRECTORYNAMEP BASE)
         (ERROR BASE "not a directory name"))
     (LET* ((SUBDIRS NIL)
            (DEST (PACKFILENAME 'NAME "index" 'EXTENSION "html" 'VERSION NIL 'BODY BASE))
            (PSEUDOHOST (EQ (NTHCHAR BASE (CL:1- 0))
                            '}))
            SLASHED SHORTNAME)
           (CL:WITH-OPEN-FILE (S DEST :DIRECTION :OUTPUT :IF-EXISTS :NEW-VERSION :IF-DOES-NOT-EXIST :CREATE)
                 (CL:FORMAT S "<HTML><HEAD><TITLE>Index page for ~a</TITLE></HEAD>~%%" (SETQ SLASHED
                                                                                           (SLASHIT BASE)))
                 (CL:FORMAT S "<BODY><H1>Index page for ~a</H1>~%%" SLASHED)
                 (CL:FORMAT S "<P>This is an index of the files just to link them in.~%%<UL>~%%")
                 (FOR FULLNAME IN (DIRECTORY (CONCAT BASE "*.*;"))
                    DO (IF (EQ (NTHCHAR FULLNAME -1)
                               '>)
                           THEN ;; A directory

                                (IF (NOT (DIRECTORYNAMEP FULLNAME))
                                    THEN (HELP "NOT DIRNAME"))
                                (SETQ SHORTNAME (MKATOM (SUBSTRING FULLNAME
                                                                   (+ (NCHARS BASE)
                                                                      (IF PSEUDOHOST
                                                                          THEN 2
                                                                          ELSE 1))
                                                                   -2)))
                                (CL:UNLESS (OR (MEMB SHORTNAME '(.git))
                                               (STRPOS ".git" FULLNAME)
                                               (INFILEP (CONCAT FULLNAME ".skip")))

                                    ;; .skip in the directory itself -- don't index any of it

                                    (SETQ SUBDIRS (NCONC1 SUBDIRS FULLNAME))
                                    (CL:FORMAT S "<LI><A HREF=%"~a/%">~a/</A></LI>~%%" SHORTNAME SHORTNAME))
                         ELSEIF (MEMB [SETQ SHORTNAME (MKATOM (SUBSTRING FULLNAME (ADD1 (NCHARS BASE))
                                                                         (SUB1 (OR (STRPOS ".;" FULLNAME)
                                                                                   (STRPOS ";" FULLNAME)
                                                                                   (HELP "No ; in non-directory"]
                                       '(index.html .skip))
                                THEN ;; dont index the index

                         ELSEIF (MEMB (FILENAMEFIELD SHORTNAME 'EXTENSION)
```

```
                                      '(IMPTR SKIP skip imptr))
                          THEN   ;; don't enuerate ANY.SKIP ANY.IMPTR etc
                          ELSE (CL:FORMAT S "<LI><A HREF=%"~a%">~a</A></LI>~%%" SHORTNAME SHORTNAME)))
                  (CL:FORMAT S "</UL></BODY></HTML>~%%"))
          (NCONC SUBDIRS (FOR D IN SUBDIRS join (MAKE-INDEX-HTMLS D (OR TOP BASE])
```


(**MEDLEY-FIX-LINKS**
```
  [LAMBDA (UNIXPATH)                                    ; Edited 18-Jan-2021 12:01 by larry
    (OR UNIXPATH (SETQ UNIXPATH (UNIX-GETENV "MEDLEYDIR"))
        (ERROR "No Directory"))                         ; Edited 18-Jan-2021 11:45 by larry
    (ShellCommand (CONCAT "cd " UNIXPATH " && /bin/sh scripts/fixlinks && /bin/sh /tmp/doit"])
```


(**MEDLEY-FIX-DATES**
```
  [LAMBDA (DIRS)                                        ; Edited 28-Jan-2021 12:15 by larry
    (for X in (OR DIRS MEDLEY-FIX-DIRS) join (FIX-DIRECTORY-DATES (MEDLEYDIR (PRINT X T])

)
```

```
(RPAQQ MEDLEY-FIX-DIRS ("sources" "library" "lispusers" "internal" "greetfiles" "doctools"))
```

```
(RPAQQ OKSOURCES (RENAMEFNS VMEM READSYS CASH-FILE HASH-FILE MEDLEYDIR MAKEINIT))
```

```
(RPAQQ OKLIBRARY
       (POSTSCRIPTSTREAM CHATTERMINAL DMCHAT CHAT PRESS READNUMBER EDITBITMAP IMAGEOBJ TEDIT HRULE TABLEBROWSER
              FILEBROWSER GRAPHER SPY WHERE-IS COPYFILES MSANALYZE MSPARSE MSCOMMON MASTERSCOPE UNIXCOMM
              UNIXPRINT UNICODE HASH CLIPBOARD UNIXCHAT VT100KP VTCHAT SKETCH SKETCHBMELT SCALEBITMAP SKETCHOBJ
              SKETCHEDIT SKETCHELEMENTS SKETCHOPS MATMULT SAMEDIR REMOTEVMEM ETHERRECORDS UNIXUTILS CHATDECLS
              BROWSER))
```

```
(RPAQQ OKLISPUSERS
       (THINFILES ISO8859IO DINFO HELPSYS MODERNIZE WHEELSCROLL PRETTYFILEINDEX WHO-LINE BACKGROUND-YIELD
              OBJECTWINDOW REGIONMANAGER COMPARETEXT EXAMINEDEFS COMPARESOURCES COMPAREDIRECTORIES PSEUDOHOSTS
              DATEFORMAT-EDITOR DOC-OBJECTS EQUATIONS BICLOCK FILEWATCH LIFE IDLEHAX GITFNS TMAX IMTOOLS
              EQUATIONFORMS UNBOXEDOPS TILED-SEDIT IDLEDEMO WDWHACKS BUTTONS PICK PAGEHOLD UNIXYCD))
```

```
(RPAQQ OKINTERNAL (MEDLEY-UTILS))
```

```
(DEFINEQ
```

(**MAKE-EXPORTS-ALL**
```
  [LAMBDA (OUTFILE)                          ; Edited  3-Aug-2023 18:34 by frank
                                             ; Edited  9-Mar-2021 16:11 by larry
                                             (* "Edited May 3, 2018 by Ron Kaplan--relative to
                                             MEDLEYDIR/lispcore/.  Don't know why it does the
                                             CORE/RENAME")
                                             (* "Edited Aug 17 94 by Sybalsky -- point it to
                                             /king/export/lispcore as the truth directory.")
                                             (* "Edited July 5, 1990 by Sybalsky -- point it to Pele as the truth
                                             directory.")
                                             (* "Edited September 29, 1986 by van Melle")
    (CNDIR (MEDLEYDIR "sources"))
    (LOAD 'FILESETS)
    (GATHEREXPORTS EXPORTFILES (OR OUTFILE "exports.all"])
```


(**MAKE-WHEREIS-HASH**
```
  [LAMBDA (DRIBBLEFILE TMPFILE WHEREISFILE DEPTH SUBDIRS)   ; Edited  4-Feb-2024 21:57 by lmm
                                                           ; Edited  3-Aug-2023 18:37 by frank
                                                           ; Edited 12-Mar-2022 12:46 by rmk
                                                           ; Edited 24-Mar-2021 13:26 by larry
    (LET ((FILING.ENUMERATION.DEPTH (OR DEPTH 2))
          HASHFILE)
         (DRIBBLE (OR DRIBBLEFILE "whereis.dribble"))
         (SETQ HASHFILE (XCL::WHERE-IS-NOTICE (OR TMPFILE "whereis.hash-tmp")
                                :FILES
                                (for X in (OR SUBDIRS MEDLEY-FIX-DIRS)
                                   collect (CONCAT (IF SUBDIRS
                                                       THEN X
                                                       ELSE (MEDLEYDIR X))
                                                   "*.;"))
                                :HASH-FILE-SIZE 60000 :NEW T))
         (RENAMEFILE HASHFILE (OR WHEREISFILE "whereis.hash"))
         (DRIBBLE])
```


(**MAKE-WHEREIS-LOOPS**
```
  [LAMBDA NIL                                  ; Edited  3-Apr-2024 12:12 by lmm
                                               ; Edited  4-Feb-2024 22:29 by lmm
    (MAKE-WHEREIS-HASH "whereis-loops.dribble" NIL "whereis-loops.hash" 4 (LIST (GIT-GET-PROJECT 'LOOPS
                                                                                      'CLONEPATH])

)
```

```
(DEFINEQ
```

(**HCFILES**
  [LAMBDA (BASE REDO SUBSETS)   ; Edited 30-Jun-2024 08:27 by lmm
                                                                   ; Edited 23-Apr-2024 23:15 by lmm
                                                                   ; Edited 22-Apr-2024 13:22 by lmm
                                                                   ; Edited 5-Feb-2024 12:16 by lmm
                                                                   ; Edited 4-Nov-2023 11:14 by lmm
                                                                   ; Edited 20-Oct-2022 16:11 by lmm

;;;; BASE is the root directory. Doesn't replace PDF files except when REDO

;;; SUBSETS is some combinsyion og (:YRDY :HYML :PRETTY and INDEX

        (LET
         [[DIRLIST (LIST (OR BASE (PSEUDOFILENAME (MEDLEYDIR]
          (PHASES (OR SUBSETS '(TEDIT PRETTY INDEX HRULE]
          (FILESLOAD PDFSTREAM SKETCH)
          (FONTSET 'STANDARD)
          (**WHILE** DIRLIST
             DO (SETQ BASE (**POP** DIRLIST))
                (**FOR** SRCPATH **IN** (DIRECTORY (CONCAT BASE "*.*;"))
                   DO (PROG* [(SRC (UNPACKFILENAME SRCPATH]
                               [EXT (U-CASE (LISTGET SRC 'EXTENSION]
                               (DIR (LISTGET SRC 'DIRECTORY))
                               FRDY LDGP DEST (NOV (PACKFILENAME '(VERSION NIL ,@SRC]
                          (CL:FORMAT T "Starting on ~a :~%%" SRCPATH)
                          (CL:WHEN (DIRECTORYNAMEP SRCPATH)

                                 ;; any directory names, push them off and do them in another phase

                                 (CL:UNLESS (OR (STRPOS ">." NOV)
                                                (INFILEP (CONCAT NOV ".skip")))
                                     (SETQ DIRLIST (NCONC1 DIRLIST SRCPATH)))
                                 (RETURN))
                          (CL:WHEN (MEMB EXT '(PDF SKIP HTML LCOM DFASL SH SYSOUT DRIBBLE IMPTR DISPLAYFONT ALL
                                                   DATABASE))

                                 ;; ignore any of these extensions

                                 (RETURN))

                     ;; doesnt (yet) implement / to - translattion. .readme should show up as -.readme.

                          (SETQ DEST (CONCAT NOV ".pdf"))
                          (CL:WHEN (AND (NOT REDO)
                                        (INFILEP DEST))
                              (CL:FORMAT T "~a already there~%%" DEST)
                              (RETURN))
                          (CL:WHEN (INFILEP (CONCAT DEST ".skip"))
                              (PRINTOUT T "Explicit .skip " DEST T)
                              (RETURN))
                          (**IF** (MEMB 'TEDIT PHASES)
                              THEN (CL:WHEN [OR (MEMB EXT '(TEDIT TED SKETCH BRAVO))
                                               (CAR (NLSETQ (TEDIT.FORMATTEDFILEP SRCPATH]
                                       (**IF** (EQ REDO 'TEST)
                                           THEN (CL:FORMAT T "Testing open ~a..." SRCPATH)
                                                (CLOSEF? (OPENTEXTSTREAM SRCPATH))
                                           ELSE (OR [NLSETQ (CL:WITH-OPEN-STREAM (S (OPENTEXTSTREAM SRCPATH))
                                                               (TEDIT.FORMAT.HARDCOPY S DEST T NIL NIL NIL
                                                                     'PDF]
                                                     (PRINT 'FAIL T)))
                                       (CL:FORMAT T "DONE")))
                          (CL:WHEN (AND (MEMB 'PRETTY PHASES)
                                        (MEMB EXT '(NIL IL))
                                        [SETQ LSFP (CAR (NLSETQ (LISPSOURCEFILEP SRCPATH]
                                        (NEQ LSFP *COMMON-LISP-READ-ENVIRONMENT*))
                              (PRINTOUT T "PDF printing " " to " DEST "...")
                              (OR (NLSETQ (CL:WITH-OPEN-STREAM (STR (OPEN-PDF-STREAM DEST))
                                              (PRETTYFILEINDEX SRCPATH NIL STR)))
                                  (PRINT 'FAIL T))
                              (PRINTOUT T "DONE" T))])])

(**MAKE-INDEX-HTMLS**
  [LAMBDA (BASE TOP)   ; Edited 29-Apr-2024 14:18 by lmm
                                                                   ; Edited 26-Apr-2024 16:15 by lmm
                                                                   ; Edited 20-Apr-2024 12:34 by lmm
                                                                   ; Edited 13-Apr-2024 21:18 by lmm

        [OR BASE (SETQ BASE (PSEUDOFILENAME (MEDLEYDIR]
        (OR (DIRECTORYNAMEP BASE)
            (ERROR BASE "not a directory name"))
        (LET* ((SUBDIRS NIL)
               (DEST (PACKFILENAME 'NAME "index" 'EXTENSION "html" 'VERSION NIL 'BODY BASE))
               (PSEUDOHOST (EQ (NTHCHAR BASE (CL:1- 0))
                              '}))
               SLASHED SHORTNAME)
              (CL:WITH-OPEN-FILE (S DEST :DIRECTION :OUTPUT :IF-EXISTS :NEW-VERSION :IF-DOES-NOT-EXIST :CREATE)
                    (CL:FORMAT S "<HTML><HEAD><TITLE>Index page for ~a</TITLE></HEAD>~%%" (SETQ SLASHED
                                                                                             (SLASHIT BASE)))
                    (CL:FORMAT S "<BODY><H1>Index page for ~a</H1>~%%" SLASHED)

```
                        (CL:FORMAT S "<P>This is an index of the files just to link them in.~%%<UL>~%%")
                        (FOR FULLNAME IN (DIRECTORY (CONCAT BASE "*.*;"))
                           DO (IF (EQ (NTHCHAR FULLNAME -1)
                                      '>)
                                 THEN ;; A directory

                                      (IF (NOT (DIRECTORYNAMEP FULLNAME))
                                          THEN (HELP "NOT DIRNAME"))
                                      (SETQ SHORTNAME (MKATOM (SUBSTRING FULLNAME
                                                                        (+ (NCHARS BASE)
                                                                           (IF PSEUDOHOST
                                                                               THEN 2
                                                                               ELSE 1))
                                                                        -2)))
                                      (CL:UNLESS (OR (MEMB SHORTNAME '(.git))
                                                     (STRPOS ".git" FULLNAME)
                                                     (INFILEP (CONCAT FULLNAME ".skip")))

                                         ;; .skip in the directory itself -- don't index any of it

                                         (SETQ SUBDIRS (NCONC1 SUBDIRS FULLNAME))
                                         (CL:FORMAT S "<LI><A HREF=%"~a/%">~a/</A></LI>~%%" SHORTNAME SHORTNAME))
                                 ELSEIF (MEMB [SETQ SHORTNAME (MKATOM (SUBSTRING FULLNAME (ADD1 (NCHARS BASE))
                                                                                (SUB1 (OR (STRPOS ".;" FULLNAME)
                                                                                          (STRPOS ";" FULLNAME)
                                                                                          (HELP "No ; in non-directory"]
                                                '(index.html .skip))
                                 THEN ;; dont index the index

                                 ELSEIF (MEMB (FILENAMEFIELD SHORTNAME 'EXTENSION)
                                              '(IMPTR SKIP skip imptr))
                                 THEN ;;  don't enuerate ANY.SKIP ANY.IMPTR etc

                                 ELSE (CL:FORMAT S "<LI><A HREF=%"~a%">~a</A></LI>~%%" SHORTNAME SHORTNAME)))
                        (CL:FORMAT S "</UL></BODY></HTML>~%%")
              (NCONC SUBDIRS (FOR D IN SUBDIRS join (MAKE-INDEX-HTMLS D (OR TOP BASE])

)

(PUTPROPS MEDLEY-UTILS FILETYPE :COMPILE-FILE)

[XCL:REINSTALL-ADVICE 'TEDIT.PROMPTPRINT :BEFORE '((:LAST (PRIN1 MSG T)))
      :AFTER
      '((:LAST (AND (STRPOS "GETFN" MSG)
                    (HELP MSG]

(READVISE TEDIT.PROMPTPRINT)

(DEFINEQ
```

(**RECOMPILE-ONE**
```
  [LAMBDA (FILES)                                              ; Edited  3-Apr-2024 08:12 by lmm
                                                               ; Edited 10-Feb-2024 13:31 by LMM

    ;; Still working on this -- the idea is to run a sysout for compiling which has been set up to compile one file, and then logout(T) and restart.

    ;; it will continue until there are no more files to compile

    (CL:WITH-OPEN-STREAM (S (OPENSTREAM (OR (INFILEP "COMPILE.DRIBBLE")
                                            "COMPILE.DRIBBLE")
                                        'BOTH))
        (DRIBBLE S)
        (BKSYSBUF " ")
        (PRINTOUT T "------------------" T "SEARCHING...")
        (for X in (OR FILES SYSFILES) when (MEMB (GET X 'FILETYPE)
                                                 '(CL:COMPILE-FILE :COMPILE-FILE))
            when [NOT (INFILEP (CONCAT X '.DFASL] do (PRINTOUT T "Compiling " X T "")
                                                     (DOFILESLOAD (LIST X))
                                                     (LOAD X 'PROP)
                                                     (COPYFILE (FINDFILE X)
                                                               X)
                                                     (FOR V IN (CL:VALUES-LIST (CL:COMPILE-FILE X))
                                                        DO (PRINT V))
                                                     (CL:FORCE-OUTPUT (DRIBBLEFILE)
                                                            T)
                                                     (DRIBBLE)
                                                     (RETURN)
            FINALLY (HELP "NO MORE"])
```

(**RECMPL**
```
  [LAMBDA (FILES)                                              ; Edited 17-Feb-2024 15:39 by lmm
                                                               ; Edited  8-Feb-2024 19:24 by lmm

    (LET ((*PRINT-CASE* :DOWNCASE)
          SRC DESTPREV (PRETTYFLG T)
          (*PRINT-BASE* 10))
         (CNDIR)
         (for X in (OR FILES SYSFILES) do (IF (SETQ SRC (INFILEP (CONCAT SRCDIR X ".ilsp")))
                                              THEN (APPLY* (COMPILE-FILE? SRC)
                                                           SRC])
```

₍**COMPILE-SETUP**
```
  [LAMBDA NIL                                                    ; Edited 17-Feb-2024 08:23 by lmm
                                                                 ; Edited  9-Feb-2024 16:15 by larry

    ;; first set up compile environment

    (FILESLOAD SYSEDIT)

    ;;  load in necessary packages

    (FILESLOAD MEDLEY-UTILS)
    (CLRHASH CLISPARRAY)                                         ; clear out cache of file package translations
    (FILESLOAD WHERE-IS MEDLEY-UTILS GITFNS FILEBROWSER])
```

₍**REMAKEFILES**
```
  [LAMBDA (FILES)                                               ; Edited  8-Feb-2024 07:47 by lmm
    (LET ((*PRINT-CASE* :DOWNCASE)
          WIN DIFF (PRETTYFLG T)
          (*PRINT-BASE* 10))
         (for X in (OR FILES SYSFILES)
            do (LOAD X 'PROP)
               (PUTPROP X 'CONTENT (READFILE X))
               (for EXR in (GETPROP X 'CONTENT)
                  do (SELECTQ (CAR EXR)
                          (DEFINEQ (for DFN in (CDR EXR) do (if (EQUAL (CADR DFN)
                                                                       (GETPROP (CAR DFN)
                                                                                'EXPR))
                                                               then (PRINTOUT T (CAR DFN)
                                                                              " ")
                                                                    (PUTPROP (CAR DFN)
                                                                             'EXPR
                                                                             (CADR DFN))
                                                               else (PRINTOUT T (CAR DFN)
                                                                              "* "))))
                          NIL))
               (MAKEFILE (MKATOM (SETQ DESTFILE (CONCAT (L-CASE X)
                                                        ".ilsp")))
                     '(NEW))
               (SETQ DIFF (COMPARESOURCES X DESTFILE NIL))
               (TERPRI])
)

(READVISE TEDIT.PROMPTPRINT)

(DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILERVARS

(ADDTOVAR NLAMA )

(ADDTOVAR NLAML )

(ADDTOVAR LAMA )
)
```

FUNCTION INDEX

VARIABLE INDEX

ADVICE INDEX

PROPERTY INDEX