

File created: 6-Feb-2021 15:19:48 {DSK}<home>larry>ilisp>medley>sources>SYNCLISPFILES.;2

changes to: (FNS SYNCLISPFILES)

previous date: 5-Feb-2021 15:41:04 {DSK}<home>larry>ilisp>medley>sources>SYNCLISPFILES.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

```
(RPAQQ SYNCLISPFILESCOMS ((FNS)
                           (FNS SYNCLISPFILES NOPUPPATCH)))
```

```
(DEFINEQ
```

```
(SYNCLISPFILES
```

```
  [LAMBDA (NOSYSLOAD)
```

```
; Edited 6-Feb-2021 15:16 by larry
; Edited 5-Feb-2021 15:40 by Imm
; Edited 23-Oct-2020 23:51 by rmk:
; Edited 20-Apr-2018 18:28 by rmk:
```

```
;; This ensures that files in the xisp.sysout are as up-to-date as possible with respect to sources. Reload (compiled, if possible) files that
;; correspond to symbolic files whose filedates are later than the filedate in the system. If you want a new compilation of a file that has not been
;; modified to be included, then you must make a trivial update of the symbolic file and recompile it, to give it a new, later date. This is because it is
;; unsafe as a general default to load compiled files with dates later than the sysout, and the sysout doesn't record the dates of loaded compiled
;; files, just their symbolic versions.
```

```
;; Should be run while connected to MEDLEYDIR
```

```
(LET ((SKIPFILES '(SYNCLISPFILES))
      (SOURCEDIR (MEDLEYDIR "sources")))
```

```
;; FASLOAD has to come first, unconditionally, to get the DFASL file dates converted properly.
```

```
(PRINTOUT T T "Synchronizing Lisp sysout at " (DATE)
T)
```

```
(PRINTOUT T 5 (CDAR (GETP 'SYNCLISPFILES 'FILEDATES))
T 5 "created " (CAAR (GETP 'SYNCLISPFILES 'FILEDATES))
T T)
```

```
;; FASLOAD has to come first, unconditionally, to get the DFASL file dates converted properly.
```

```
(push SKIPFILES 'FASLOAD)
(LOAD (MEDLEYDIR "sources" "FASLOAD.DFASL")
      (IF NOSYSLOAD
          THEN NIL
          ELSE 'SYSLOAD))
```

```
(push SKIPFILES 'ATBL) ; Whole file can't be reloaded--smashes readtbl
(LOADFNS '(\ATBLSET \MAPCHARTABLE RESETREADTABLE)
(MEDLEYDIR "sources" "ATBL.LCOM")
'SYSLOAD)
```

```
(LOADVARS '\KEYNAMES (MEDLEYDIR "sources" "LLKEY")
'SYSLOAD)
```

```
(push SKIPFILES 'LLKEY) ; Extended keynames for Mac/PC
(push SKIPFILES 'MAIKOLOADUPFNS) ; Loading whole file freezes
(push SKIPFILES 'SUNFONT) ; Can't reload even if compiled files are later
; Old font organization, not relevant
```

```
(for LF FF CFILE LOADEDDEDATE FILEDATE IFILEDATE NOCOMPILEDFILES CFILES (COUNT _ 0)
```

```
in (LDIFFERENCE SYSFILES SKIPFILES)
```

```
do [SETQ LOADEDDEDATE (CAAR (GETP LF 'FILEDATES)) ; Date of symbolic file whose compile file was loaded
```

```
(CL:UNLESS LOADEDDEDATE
  (PRINTOUT T T LF " does not have a loaded filedate, probably not a Lisp file; skipped" T)
  (GO $$ITERATE))
```

```
(SETQ FF (PACKFILENAME.STRING 'NAME LF 'BODY SOURCEDIR))
```

```
(SETQ FILEDATE (FILEDATE FF)) ; Date of current source file
```

```
(CL:UNLESS FILEDATE
```

```
(PRINTOUT T LF " does not have a file-directory date, not updated" T)
```

```
(GO $$ITERATE))
```

```
(SETQ CFILES (for EXT in *COMPILED-EXTENSIONS* when (SETQ CFILE (INFILEP (PACKFILENAME.STRING
'EXTENSION EXT
'BODY FF))))
```

```
collect CFILE))
```

```
(SETQ CFILE (COND
[FILES
```

```
;; If more than one (LCOM, DFASL), pick the newest one.
```

```
(for CF in CFILES largest (IDATE (FILEDATE CF T)
(T (PRINTOUT T "Note: No compiled file for " LF T)
(push NOTCOMPILEDFILES LF)
FF)))
```

```
(SETQ IFILEDATE (IDATE FILEDATE))
```

```
(CL:UNLESS (IGREATERP IFILEDATE 0)
```

```
(PRINTOUT T "Funny file date " FILEDATE " for " LF ", not updated" T)
```

```
(GO $$ITERATE))
```

```
;; Load the compiled file if the date of the symbolic file is later than the symbolic file-date in the sysout. If an updated source and
;; compiled file were copied from another directory, we update the FILEDATES property to point to the new location. If the loaded
;; and file dates are the same, then update the FILEDATES property to point to the possibly new path name and version even if we
;; don't need to load.
```

```
(SETQ LOADEDDEDATE (IDATE LOADEDDEDATE))
```

```

    (if (IGREATERP IFILEDATE LOADEDDATE)
        then (add COUNT 1)
        ;; FINALLY do the load
        (LOAD CFILE (if NOSYSLOAD
                        then NIL
                        else 'SYSLOAD))
        (CL:WHEN [STREQUAL FILEDATE (CAAR (GETP LF 'FILEDATES])
            ;; If copied, the compiled file may install the original location. Not sure what happens with copied DFASLs
            (RPLACD (CAR (GETP LF 'FILEDATES))
                    (INFILEP FF)))
        elseif (IEQP IFILEDATE LOADEDDATE)
            then (RPLACD (CAR (GETP LF 'FILEDATES))
                        (INFILEP FF)))
        finally (PRINTOUT T T T COUNT " files loaded" T)
        (CL:WHEN NOCOMPILEDFILES (PRINTOUT T "Symbolic files loaded: " .PPVTL NOCOMPILEDFILES T T)))
(NOPUPPATCH])

```

(NOPUPPATCH

[LAMBDA NIL

; Edited 14-May-2018 12:22 by rmk:

;; Fix it so pup stuff never gets run

```

    (SETQ \PROCESSES (DREMOVE (FIND.PROCESS '\PUPGATELISTENER)
                              \PROCESSES))

```

```

    (SETQ \FILEDEVICES (for F in \FILEDEVICES unless (STRPOS "LEAF" F) collect F))
    (MOVD 'NIL '\CANONICALIZE.PUP.HOSTNAME])

```

)

(PUTPROPS SYNCLISPFILES COPYRIGHT (NONE))

FUNCTION INDEX

NOPUPPATCH2

SYNCLISPPFILES1