

File created: 22-Sep-87 15:19:06 {ERINYES}<LISPUSERS>LYRIC>COMPARE-PATHS.;3

changes to: (FUNCTIONS XCL-USER::COMPARE-PATHS XCL-USER::COMPARE-FLOPPY)
(VARS COMPARE-PATHSCOMS)

previous date: 22-Sep-87 12:03:37 {ERINYES}<LISPUSERS>LYRIC>COMPARE-PATHS.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

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(RPAQQ **COMPARE-PATHSCOMS** ((FUNCTIONS XCL-USER::COMPARE-FLOPPY XCL-USER::COMPARE-PATHS)))

(CL:DEFUN **XCL-USER::COMPARE-FLOPPY** (XCL-USER::FLOPPYPATH XCL-USER::FSPATH)

;;; This resoundingly dumb function walks IL:COMPARESOURCES down the files of two directories.

```
(LET* ((XCL-USER::FLOPPYFILES (DIRECTORY XCL-USER::FLOPPYPATH))
      (XCL-USER::FSFILES (DIRECTORY XCL-USER::FSPATH)))
  (WHILE (AND XCL-USER::FLOPPYFILES XCL-USER::FSFILES) BIND XCL-USER::FLOPPYNAME XCL-USER::FSNAME
    DO (CL:SETQ XCL-USER::FLOPPYNAME (CL:PATHNAME-NAME (PATHNAME (CAR XCL-USER::FLOPPYFILES))))
      (CL:SETQ XCL-USER::FSNAME (CL:PATHNAME-NAME (PATHNAME (CAR XCL-USER::FSFILES))))
      (COND
        ((CL:STRING= XCL-USER::FLOPPYNAME XCL-USER::FSNAME)
          (LET ((XCL-USER::FLOPPYDATE (GETFILEINFO (CAR XCL-USER::FLOPPYFILES)
            'CREATIONDATE))
                (XCL-USER::FSDATE (GETFILEINFO (CAR XCL-USER::FSFILES)
            'CREATIONDATE)))
            (IF (NOT (CL:STRING= XCL-USER::FLOPPYDATE XCL-USER::FSDATE))
              THEN (CL:FORMAT T "Creation dates for ~s don't match:~%~S: ~S ~S: ~S ~2%"
                XCL-USER::FLOPPYNAME (CAR XCL-USER::FLOPPYFILES)
                XCL-USER::FLOPPYDATE
                (CAR XCL-USER::FSFILES)
                XCL-USER::FSDATE)
              ELSE (COMPARESOURCES (CAR XCL-USER::FLOPPYFILES)
                (CAR XCL-USER::FSFILES))
                (CL:FORMAT T "~%"))
          (CL:POP XCL-USER::FLOPPYFILES)
          (CL:POP XCL-USER::FSFILES))
        ((CL:STRING< XCL-USER::FLOPPYNAME XCL-USER::FSNAME)
          (CL:FORMAT T "File ~S not found on ~S~%" (CAR XCL-USER::FLOPPYFILES)
            XCL-USER::FSPATH)
          (CL:POP XCL-USER::FLOPPYFILES))
        (T (CL:POP XCL-USER::FSFILES))))
  (WHILE XCL-USER::FLOPPYFILES DO (CL:FORMAT T "File ~S not found on ~S~%" (CAR XCL-USER::FLOPPYFILES)
    XCL-USER::FSPATH)
    (CL:POP XCL-USER::FLOPPYFILES)))
```

(CL:DEFUN **XCL-USER::COMPARE-PATHS** (XCL-USER::PATH1 XCL-USER::PATH2)

;;; This resoundingly dumb function walks IL:COMPARESOURCES down the files of two directories.

```
(LET* ((XCL-USER::PL1 (DIRECTORY XCL-USER::PATH1))
      (XCL-USER::PL2 (DIRECTORY XCL-USER::PATH2)))
  (WHILE (AND XCL-USER::PL1 XCL-USER::PL2) BIND XCL-USER::PN1 XCL-USER::PN2
    DO (CL:SETQ XCL-USER::PN1 (CL:PATHNAME-NAME (PATHNAME (CAR XCL-USER::PL1))))
      (CL:SETQ XCL-USER::PN2 (CL:PATHNAME-NAME (PATHNAME (CAR XCL-USER::PL2))))
      (COND
        ((CL:STRING= XCL-USER::PN1 XCL-USER::PN2)
          (COMPARESOURCES (CAR XCL-USER::PL1)
            (CAR XCL-USER::PL2))
          (CL:FORMAT T "~%")
          (CL:POP XCL-USER::PL1)
          (CL:POP XCL-USER::PL2))
        ((CL:STRING< XCL-USER::PN1 XCL-USER::PN2)
          (CL:FORMAT T "File ~S not found on ~S~%" (CAR XCL-USER::PL1)
            XCL-USER::PATH2)
          (CL:POP XCL-USER::PL1)
          (T (CL:FORMAT T "File ~S not found on ~S~%" (CAR XCL-USER::PL2)
            XCL-USER::PATH1)
            (CL:POP XCL-USER::PL2))))
        (WHILE XCL-USER::PL1 DO (CL:FORMAT T "File ~S not found on ~S~%" (CAR XCL-USER::PL1)
          XCL-USER::PATH2)
          (CL:POP XCL-USER::PL1))
        (WHILE XCL-USER::PL2 DO (CL:FORMAT T "File ~S not found on ~S~%" (CAR XCL-USER::PL2)
          XCL-USER::PATH1)
          (CL:POP XCL-USER::PL2))))
```

(PUTPROPS **COMPARE-PATHS COPYRIGHT** ("Xerox Corporation" 1987))

FUNCTION INDEX

XCL-USER::COMPARE-FLOPPY1 XCL-USER::COMPARE-PATHS1
