

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))
```

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FUNCTION INDEX

XCL-USER::COMPARE-FLOPPY .....1      XCL-USER::COMPARE-PATHS .....1

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