

File created: 16-Nov-88 14:11:42 {PHYLUM}<BURWELL>LISP>LYRIC>LOADPATCHES.;3

changes to: (VARS LOADPATCHESCOMS)  
(FNS LoadPatches COLLECT-PATCH-FILES)

previous date: 27-Sep-88 22:56:49 {PHYLUM}<BURWELL>LISP>LYRIC>LOADPATCHES.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::  
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```
(RPAQQ LOADPATCHESCOMS ((FNS LoadPatches COLLECT-PATCH-FILES)
  (DECLARE%: DONTCOPY (PROP FILETYPE LOADPATCHES))))
```

```
(DEFINEQ
```

```
(LoadPatches
```

```
  [LAMBDA (DIRECTORY LDFLG AFTERDATE)
```

```
    ; Edited 16-Nov-88 13:08 by Burwell
```

```
::: Load all compiled files from the directory
```

```
(DECLARE (GLOBALVARS *COMPILED-EXTENSIONS*))
```

```
(LET [(files (SORT (for EXT in *COMPILED-EXTENSIONS* bind (AFTERIDATE _ (if AFTERDATE
  then (OR (IDATE AFTERDATE)
    0)
  else 0))
```

```
  join (COLLECT-PATCH-FILES DIRECTORY EXT AFTERIDATE))
  (FUNCTION (LAMBDA (X Y)
```

```
    (LESSP (CDR X)
      (CDR Y)
```

```
    ; files are sorted by increasing date
```

```
  (for file in files do (SELECTQ LDFLG
    (HIDDEN
```

```
    ; Load the file, but don't put it on FILELST
```

```
      (LOAD? (CAR file)
        T)
```

```
      (SETQ FILELST (DREMOVE (FILENAMEFIELD (CAR file)
        'NAME)
        FILELST)))
```

```
      (LOAD? (CAR file)
        LDFLG)))
```

```
  files])
```

```
(COLLECT-PATCH-FILES
```

```
  [LAMBDA (DIRECTORY EXT AFTERIDATE)
```

```
    ; Edited 16-Nov-88 13:13 by Burwell
```

```
::: Generate list of files in DIRECTORY with extension EXT more recent than idate AFTERIDATE. Return list of pairs (file . date). Omits  
::: subdirectories.
```

```
(RESETLST
```

```
  (LET ((FILING.ENUMERATION.DEPTH 1)
    (NAKED-DIR (UNPACKFILENAME.STRING DIRECTORY 'DIRECTORY))
    FILE DATE)
```

```
  (bind [GEN _ (\GENERATEFILES (CONCAT DIRECTORY "*" EXT ";")
```

```
    ' (ICREATIONDATE)
```

```
    ' (SORT RESETLST]
```

```
  while (SETQ FILE (\GENERATENEXTFILE GEN)) when (AND (STRING-EQUAL (UNPACKFILENAME.STRING
```

```
    FILE
```

```
    ' DIRECTORY)
```

```
    NAKED-DIR)
```

```
    (> (SETQ DATE (\GENERATEFILEINFO GEN
```

```
      ' ICREATIONDATE))
```

```
    AFTERIDATE))
```

```
  collect (CONS FILE DATE))))]
```

```
)
```

```
(DECLARE%: DONTCOPY
```

```
(PUTPROPS LOADPATCHES FILETYPE :COMPILE-FILE)
```

```
)
```

```
(PUTPROPS LOADPATCHES COPYRIGHT ("Xerox Corporation" 1985 1988))
```

---

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