

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? (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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