

File created: 30-Aug-2020 20:52:22 {DSK}<Users>kaplan>Local>medley3.5>lispcore>lispusers>LISPNERD.;2

changes to: (VARS LISPNERDCOMS LISPNERDDEPENDENCIES)
(PROPS (LISPNERD DEPENDENCIES))

previous date: 3-Aug-88 16:16:39 {DSK}<Users>kaplan>Local>medley3.5>lispcore>lispusers>LISPNERD.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ LISPNERDCOMS

```
((COMS * LISPNERDDEPENDENCIES)
(* must come before any FILES)
(FILE ANALYZER DINFO HELPSYS DICTCLIENT)
(FNS LISPNERD.INIT IRMNERD.PRINTSEARCH)
(INITVARS IRMDICT IRMNERD.LASTSEARCH IRMNERD.LASTREQUEST (IRMNERD.MAXWORDS 50))
(GLOBALVARS IRMDICT IRMNERD.LASTSEARCH IRMNERD.LASTREQUEST IRMNERD.MAXWORDS)
(FNS IRMDICT.PRINTENTRY)
(P (LISPNERD.INIT)))
```

(RPAQQ LISPNERDDEPENDENCIES

```
[(* * code to make sure that the right versions of everything are loaded. The P must be executed before
any FILES commands.)
[E (PUTPROP 'LISPNERD 'DEPENDENCIES (for FILE in (FILECOMSLST 'LISPNERD 'FILES)
collect
(CONS FILE (CAAR (GETPROP FILE 'FILEDATES]

(PROP DEPENDENCIES LISPNERD)
(P (for FILE FILEDATE in (GETPROP 'LISPNERD 'DEPENDENCIES)
do
[SETQ FILEDATE (CAAR (GETPROP (CAR FILE)
'FILEDATES]
(COND ([AND FILEDATE (CDR FILE)
(ILESSP (IDATE FILEDATE)
(IDATE (CDR FILE)
(* clear FILEDATES to force FILESLOAD to reload the file.)
(PUTPROP (CAR FILE)
'FILEDATES NIL])

(* * code to make sure that the right versions of everything are loaded.
The P must be executed before any FILES commands.)

(PUTPROPS LISPNERD DEPENDENCIES ((ANALYZER . " 9-Mar-89 15:24:58")
(DINFO . " 1-Oct-87 10:11:04")
(HELPSYS . " 1-Oct-87 13:40:16")
(DICTCLIENT)))

[for FILE FILEDATE in (GETPROP 'LISPNERD 'DEPENDENCIES) do [SETQ FILEDATE (CAAR (GETPROP (CAR FILE)
'FILEDATES]
(COND
([AND FILEDATE (CDR FILE)
(ILESSP (IDATE FILEDATE)
(IDATE (CDR FILE)
(* clear FILEDATES to force FILESLOAD to reload the file.)
(PUTPROP (CAR FILE)
'FILEDATES NIL])

(* * must come before any FILES)

(FILESLOAD ANALYZER DINFO HELPSYS DICTCLIENT)

(DEFINEQ
```

(LISPNERD.INIT

```
[LAMBDA NIL
(COND
((NULL IRMDICT)
[Dict.Establish (SETQ IRMDICT (create Dict
dictName _ 'IRMDict
printEntryFn _ (FUNCTION IRMDICT.PRINTENTRY)
(PUTASSOC 'Search% IRM '((IRMNERD.PRINTSEARCH)
"Searches the Interlisp Reference Manual for entries given a list of
keywords.")
BackgroundMenuCommands)
(SETQ BackgroundMenu NIL])

(* jtm%: "18-Nov-87 14:36")
```

(IRMNERD.PRINTSEARCH

```
[LAMBDA (SYNONYMCLASSES)
(PROG (VENNDIAGRAM SELECTION MENUITEMS (MINWORD 0)
(MAXWORD IRMNERD.MAXWORDS))
[COND
((NULL SYNONYMCLASSES)
(CLRPROMPT)

(* jtm%: " 7-Apr-87 12:33")
```

```
(PROMPTPRINT (CHARACTER (CHARCODE CR)))
(SETQ SYNONYMCLASSES (PROMPTFORWARD "keywords to search on:" IRMNERD.LASTREQUEST NIL PROMPTWINDOW
                                     NIL NIL (CHARCODE EOL ESCAPE LF)))
(COND
  ((NULL SYNONYMCLASSES)
   (PROMPTPRINT "Aborted")
   (RETURN))
  (T (CLRSPROMPT)))
(COND
  ((NOT (STREQUAL SYNONYMCLASSES IRMNERD.LASTREQUEST))
   (SETQ IRMNERD.LASTREQUEST SYNONYMCLASSES)
   (SETQ IRMNERD.LASTSEARCH NIL]
[do [SETQ VENNDIAGRAM (COND
                      ((AND IRMNERD.LASTSEARCH (EQ MINWORD 0))
                       IRMNERD.LASTSEARCH)
                      (T (PROMPTPRINT "
                          Searching . . . ")
                         (DICTCLIENT.SEARCHFORWARD SYNONYMCLASSES 2 MINWORD MAXWORD 'IRMNerd])
(COND
  ((EQ MINWORD 0)
   (SETQ IRMNERD.LASTSEARCH VENNDIAGRAM))) (* cache the results in case the use calls again.)
[COND
  ((NULL VENNDIAGRAM)
   (PROMPTPRINT "Sorry, no results.")
   (FLASHWINDOW PROMPTWINDOW)
   (RETURN))
  ((NULL (CDR VENNDIAGRAM))
   (SETQ MENUITEMS (CADAR VENNDIAGRAM)))
  (T (SETQ MENUITEMS (for SET in VENNDIAGRAM
                        collect (LIST [CONCATLIST (for ELEMENT on (CAR SET)
                                                  collect (COND
                                                            ((CDR ELEMENT)
                                                             (CONCAT (CAR ELEMENT)
                                                                    " " ))
                                                            (T (CAR ELEMENT)]
                                      (LIST 'QUOTE (CAR SET))
                                      NIL
                                      (CONS 'SUBITEMS (CADR SET]))
                                (CLRSPROMPT)
    (SETQ SELECTION (MENU (create MENU
                                  TITLE _ "IRM Entries"
                                  ITEMS _ MENUITEMS
                                  CENTERFLG _ T)))
(COND
  ((NULL SELECTION)
   (PROMPTPRINT "
       No selection made.")
   (RETURN))
  ((LISTP SELECTION)
   [for TAIL CLASSNAME on SELECTION do (COND
                                         ((EQ (NTHCHARCODE (CAR TAIL)
                                                           -1)
                                          (CHARCODE +))
                                          (SETQ CLASSNAME (SUBSTRING (CAR TAIL)
                                                                      1 -2))
                                          (RPLACA TAIL (for CLASS in SYNONYMCLASSES
                                                            thereis (STREQUAL (CAR CLASS)
                                                                                   CLASSNAME]
                                         (SETQ SYNONYMCLASSES SELECTION)
                                         (PROMPTPRINT "Seaching for: " SYNONYMCLASSES)
                                         (SETQ MINWORD 0)
                                         (SETQ MAXWORD IRMNERD.MAXWORDS))
                                         ((AND (EQ 1 (STRPOS ". . ." SELECTION))
                                          (STRPOS "more" SELECTION))
                                          (SETQ MINWORD (ADD1 MAXWORD))
                                          (SETQ MAXWORD (IPLUS MAXWORD IRMNERD.MAXWORDS)))
                                         (* the user asked for the next chunk.)
                                         ((EQ 1 (STRPOS "No more" SELECTION))
                                          (RETURN))
                                         (T (PROMPTPRINT "
                                              Fetching definition . . . ")
                                            (IRMDICT.PRINTENTRY NIL SELECTION)
                                            (CLRSPROMPT)
                                            (RETURN]
                                         (RETURN T]))
(RETURN T])
)
(RPAQ? IRMDICT NIL)
(RPAQ? IRMNERD.LASTSEARCH NIL)
(RPAQ? IRMNERD.LASTREQUEST NIL)
(RPAQ? IRMNERD.MAXWORDS 50)
(DECLARE%: DOEVAL@COMPILE DONTCOPY
```

```
{MEDLEY}<obsolete>lispusers>LISPNERD.;1
```

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```
(GLOBALVARS IRMDICT IRMNERD.LASTSEARCH IRMNERD.LASTREQUEST IRMNERD.MAXWORDS)
)
```

```
(DEFINEQ
```

```
(IRMDICT.PRINTENTRY
```

; Edited 25-Jan-88 11:10 by jtm:

```
  [LAMBDA (DICT LEMMA)
    (LET (FIRSTCHAR SECTION# GRAPH NODE)
      (SETQ FIRSTCHAR (NTHCHAR LEMMA 1))
      [COND
        ((NUMBERP FIRSTCHAR)
          [SETQ SECTION# (SUBSTRING LEMMA 1 (SUB1 (OR (STRPOS " " LEMMA)
                                                         0))
          [COND
            ((EQ (NTHCHARCODE SECTION# -1)
              (CHARCODE %.)
              (* sometimes there is a trailing period.)
              (SETQ SECTION# (SUBSTRING SECTION# 1 -2]
            [for I from 1 to (NCHARS SECTION#) do (COND
              ((EQ (NTHCHARCODE SECTION# I)
                (CHARCODE %.)
                (* DINFO uses dashes instead of periods)
                (RPLCHARCODE SECTION# I (CHARCODE -]
              (SETQ SECTION# (MKATOM SECTION#))
              (SETQ GRAPH (GETWINDOWUSERPROP DINFOW 'CURRENT.GRAPH))
              [COND
                ((NULL GRAPH)
                  (DINFO.INIT)
                  (SETQ GRAPH (GETWINDOWUSERPROP DINFOW 'CURRENT.GRAPH]
                (SETQ NODE (FASSOC SECTION# (fetch (DINFOGRAPH NODELST) of GRAPH)))
                (AND NODE (DINFO.UPDATE NODE)))
              (T (IRM.SMART.LOOKUP (SUBSTRING LEMMA (COND
                ((EQ FIRSTCHAR '%()
                  2)
                  (T 1))
                (SUB1 (OR (STRPOS " " LEMMA)
                        0]
                T]))
      )
    )
  (LISPNERD.INIT)
```

FUNCTION INDEX

IRMDICT.PRINTENTRY3 IRMNERD.PRINTSEARCH1 LISPNERD.INIT1

VARIABLE INDEX

IRMDICT2 IRMNERD.LASTSEARCH2 LISPNERDDEPENDENCIES1
IRMNERD.LASTREQUEST2 IRMNERD.MAXWORDS2

PROPERTY INDEX

LISPNERD1
