

File created: 18-Apr-2023 12:12:26 {DSK}<home>frank<il>medley>tmedley>sources>LOGOW.;5

edit by: fgh

changes to: (FUNCTIONS LOGOW KERNED.PRIN3)
(VARS LOGOWCOMS)

previous date: 16-Apr-2023 14:46:18 {DSK}<home>frank<il>medley>tmedley>sources>LOGOW.;2

Read Table: XCL

Package: INTERLISP

Format: XCCS

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```
(RPAQQ LOGOWCOMS ((FNS \\DRAWLOGOWINDOWIMAGE)
  (FUNCTIONS LOGOW KERNED.PRIN3)
  (VARS LOGOBITMAP)
  (INITVARS (LOGOW NIL))
  (ADDVARS (AFTERMAKESYSFORMS (LOGOW)))
  (PROP (LOGOW FILETYPE))))
```

(DEFINEQ

(\\DRAWLOGOWINDOWIMAGE

(LAMBDA (XPOS YPOS WIDTH HEIGHT BORDER W)

(* |rrb| "22-FEB-82 18:04")

(* |makes| \\a |window| |image.| |This| |is| |part| |of| |the| |logo|
|drawing.|)

(BITBLT NIL NIL NIL W XPOS YPOS WIDTH HEIGHT 'TEXTURE 'REPLACE BLACKSHADE)

(BITBLT NIL NIL NIL W (IPLUS BORDER XPOS)

(IPLUS BORDER YPOS)

(IDIFFERENCE WIDTH (ITIMES BORDER 2))

(IDIFFERENCE HEIGHT (ITIMES BORDER 3))

'TEXTURE

'REPLACE WHITESHADE)))

)

(CL:DEFUN LOGOW (&OPTIONAL (MAINTTEXT (CL:STRING-CAPITALIZE MAKESYSNAME))

&KEY

(FONT ' (TIMESROMAND 36))

(ANGLEDELTA 30)

(TITLE (CONCAT "Interlisp.org" " " MAKESYSDATE))

TITLE-LOCATION

(SUBTEXT1 "INTERLISP")

(SUBTEXT2 "COMMON LISP")

(WHERE T))

; Edited 18-Apr-2023 12:11 by fgh

; Edited 16-Apr-2023 14:44 by fgh

; Edited 10-Apr-2023 07:22 by lmm

; Edited 2-Apr-2023 20:09 by lmm

; Edited 31-Mar-2023 19:22 by lmm

; Edited 12-Jul-91 03:12 by jds

```
(PROG ((CIRCLESIZE 60)
  (SQUASHFACTOR 0.9)
  (LOGOWINDOWHEIGHT 170)
  (LOGOWINDOW.MARGIN.X 7)
  (LOGOWINDOW.MARGIN.Y 7)
  (LOGOXCENTER 70)
  (LOGOYCENTER 60)
  (LOGOWINDOWWIDTH.ADJ -12)
  (LMAR.ADJ -34)
  (MAINTTEXT.Y.ADJ 52)
  (SUBTEXT1.X.ADJ 42)
  (SUBTEXT2.X.ADJ 42)
  (SUBTEXT1.Y 26)
  (SUBTEXT2.Y 9)
  (SUBTEXT1.FONT ' (HELVETICA 12 BRR))
  (SUBTEXT2.FONT ' (HELVETICA 12 BRR))
  (MAINTTEXT.KERN 0)
  (SUBTEXT1.KERN 1)
  (SUBTEXT2.KERN 1)
  (SUBTEXT1.SPACE 4)
  (SUBTEXT2.SPACE 4)
  W LOGOWINDOWWIDTH WIMAGEWIDTH WIMAGEHEIGHT LMAR W)
```

:: COMPUTE SIZE FOR LOGO WINDOW

(SETQ WIMAGEWIDTH (FIX (FTIMES CIRCLESIZE 0.62)))

(SETQ WIMAGEHEIGHT (FIX (FTIMES CIRCLESIZE 0.5)))

(SETQ LOGOWINDOWWIDTH (IPLUS LOGOXCENTER LOGOWINDOWWIDTH.ADJ WIMAGEWIDTH (STRINGWIDTH MAINTTEXT FONT)))

:: CREATE AND PLACE LOGO WINDOW

(SELECTQ (TYPENAME WHERE)

((WINDOW STREAM)

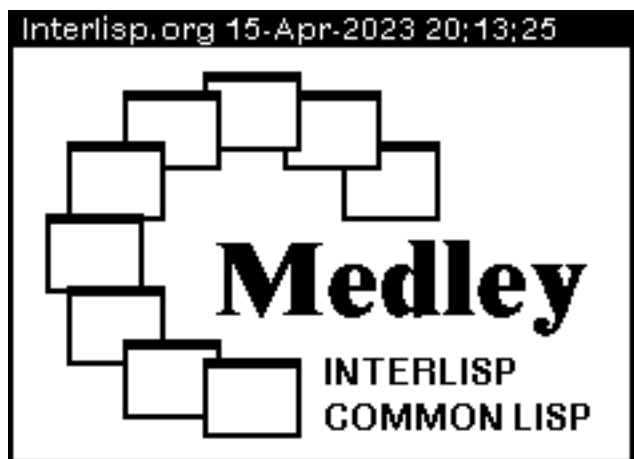
(SETQ W WHERE))

(SETQ W (CREATEW (COND

```

((POSITIONP WHERE)
  (|create| REGION
    LEFT _ (|fetch| (POSITION XCOORD) |of| WHERE)
    BOTTOM _ (|fetch| (POSITION YCOORD) |of| WHERE)
    WIDTH _ LOGOWINDOWWIDTH
    HEIGHT _ LOGOWINDOWHEIGHT))
((EQ WHERE T)
  (|create| REGION
    HEIGHT _ LOGOWINDOWHEIGHT
    WIDTH _ LOGOWINDOWWIDTH
    LEFT _ (- SCREENWIDTH LOGOWINDOWWIDTH LOGOWINDOW.MARGIN.X)
    BOTTOM _ (- SCREENHEIGHT LOGOWINDOWHEIGHT LOGOWINDOW.MARGIN.Y)))
(T (GETBOXREGION LOGOWINDOWWIDTH LOGOWINDOWHEIGHT NIL NIL NIL "Specify
  location for logo window.)))
  TITLE)))
(PRIN1 (LIST LOGOWINDOWWIDTH LOGOWINDOWHEIGHT))
(PRIN1 (LIST WIMAGEWIDTH WIMAGEHEIGHT))
;; PLACE MAIN TEXT
  (SETQ LMAR (+ LOGOXCENTER LMAR.ADJ WIMAGEWIDTH))
  (MOVETO LMAR (+ MAINTTEXT.Y.ADJ (- LOGOYCENTER CIRCLESIZE))
    W)
  (DSPFONT FONT W)
  (KERNED.PRIN3 MAINTTEXT MAINTTEXT.KERN W)
;; PLACE SUBTEXT1
  (CL:WHEN SUBTEXT1
    (DSPFONT SUBTEXT1.FONT W)
    (MOVETO (+ LMAR SUBTEXT1.X.ADJ)
      SUBTEXT1.Y W)
    (KERNED.PRIN3 SUBTEXT1 SUBTEXT1.KERN W))
;; PLACE SUBTEXT2
  (CL:WHEN SUBTEXT2
    (DSPFONT SUBTEXT2.FONT W)
    (MOVETO (+ LMAR SUBTEXT2.X.ADJ)
      SUBTEXT2.Y W)
    (KERNED.PRIN3 SUBTEXT2 SUBTEXT2.KERN W SUBTEXT2.SPACE))
    ;
;; DRAW CIRCLE OF WINDOWS
  (|for| ANGLE |from| 30 |to| 270 |by| ANGLEDELTA |do| (\DRAWLOGOWINDOWIMAGE (+ LOGOXCENTER
    (FTIMES CIRCLESIZE
      (COS ANGLE)))
    (+ LOGOYCENTER (FTIMES CIRCLESIZE SQUASHFACTOR
      (SIN ANGLE)))
    WIMAGEWIDTH WIMAGEHEIGHT 2 W))
;; SETUP AND OPEN LOGOW
  (IF (NEQ W WHERE)
    THEN (CLOSEW W)
    (SETQ LOGOBITMAP (WINDOW.BITMAP W))
    (WINDOWPROP W 'BUTTONEVENTFN 'MOVEW)
    (WINDOWPROP W 'TYPE 'LOGOW)
    (WINDOWPROP W 'CLOSEFN (FUNCTION (LAMBDA NIL
      ;; Set LOGOW to NIL when closing the window
      (SETQ LOGOW NIL))))
    (CL:WHEN (WINDOWP LOGOW)
      (CLOSEW LOGOW))
    (OPENW W)
    (RETURN (SETQ LOGOW W))))
(CL:DEFUN KERNED.PRIN3 (STRING KERN W &OPTIONAL (SPACE.WIDTH NIL))
  ; Edited 16-Apr-2023 22:43 by frank
  (PROG ((S (CONCAT STRING))
    (C NIL))
    (|while| (SETQ C (GNC S)) |do| (SETQ C (MKSTRING C))
      (|if| (AND (STREQUAL C " "))
        |then| (RELMOVETO (IDIFFERENCE (OR SPACE.WIDTH (STRINGWIDTH C
          (DSPFONT NIL W)))
          KERN)
          0 W)
        |else| (PRIN3 C W)
          (RELMOVETO KERN 0 W))))))
(RPAQQ LOGOBITMAP

```



(RPAQ? LOGOW NIL)

(ADDTOVAR AFTERMAKESYSFORMS (LOGOW))

(PUTPROPS LOGOW COPYRIGHT ("Venue" 1986 1987 1988 1989 1990 1991 2022 2023))

FUNCTION INDEX

KERNED.PRIN32 LOGOW1 \\DRAWLOGOWINDOWIMAGE1

VARIABLE INDEX

AFTERMAKESYSFORMS3 LOGOBITMAP2 LOGOW3
