

File created: 2-Feb-87 10:38:19 {ERIS}<LISPUSERS>LYRIC>PHONE-DIRECTORY.;1

changes to: (VARS PHONE-DIRECTORYCOMS)

previous date: 9-Jan-87 19:45:25 {ERIS}<LISPUSERS>KOTO>PHONE-DIRECTORY.;3

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

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(RPAQQ **PHONE-DIRECTORYCOMS**

```
((FNS Cache-Phone-Directory-Files Let-your-fingers-do-the-walking Phone-Directory-Kill-Proc
  Phone-Window-ButtonEventFn Lookup-Person Phone-Window-WhenOpenedFn)
 (VARS fingersIconMask fingersIconBM)
 (INITVARS (*Cached-Phone-Directory-Files* NIL)
  (*Phone-Directory-Pos* (create POSITION XCOORD _ 15 YCOORD _ (DIFFERENCE SCREENHEIGHT 75)))
  (*Phone-Directory-Region* (CREATEREGION 15 (DIFFERENCE SCREENHEIGHT 258)
    400 250)))
 (GLOBALVARS *Cached-Phone-Directory-Files* *Phone-Directory-Pos* *Phone-Directory-Region*
  fingersIconMask fingersIconBM)
 (FILES GREP)
 (P (Let-your-fingers-do-the-walking))))
```

(DEFINEQ

(**Cache-Phone-Directory-Files**

```
[LAMBDA (msgStream) (* sml "9-Jan-87 19:40")

  (* * Cache the phone directory files in core)

  (printout msgStream T "Caching phone directory files...")
  (LET ((oldFiles *Cached-Phone-Directory-Files*))
    (SETQ *Cached-Phone-Directory-Files* (for file in (for f inside PHONELISTFILES collect (FINDFILE f))
      bind localFile when (NOT (NULL file))
      collect (printout msgStream T "Caching " file "...")
        (SETQ localFile (PACKFILENAME.STRING 'HOST 'CORE
          'VERSION NIL 'BODY file))
        (COPYFILE file localFile)
        localFile))
      (for file in oldFiles do (DELFIL file)))
    (printout NIL "done" T T])
```

(**Let-your-fingers-do-the-walking**

```
[LAMBDA NIL (* sml "21-Aug-86 14:08")

  (* * Create a directory lookup window)

  (LET ((w (CREATEW *Phone-Directory-Region* "Phone directory" NIL)))
    [WINDOWPROP w 'ICONFN (FUNCTION (LAMBDA (w icon)
      (OR icon (ICONW fingersIconBM fingersIconMask *Phone-Directory-Pos* T
        ]
      (WINDOWADDPROP w 'OPENFN (FUNCTION Phone-Window-WhenOpenedFn))
      (WINDOWADDPROP w 'EXPANDFN (FUNCTION Phone-Window-WhenOpenedFn))
      (WINDOWADDPROP w 'CLOSEFN (FUNCTION Phone-Directory-Kill-Proc))
      (WINDOWADDPROP w 'SHRINKFN (FUNCTION Phone-Directory-Kill-Proc))
      (WINDOWPROP w 'BUTTONEVENTFN (FUNCTION Phone-Window-ButtonEventFn))
      [WINDOWPROP w 'RIGHTBUTTONFN (FUNCTION (LAMBDA (w)
        (if (EQ (THIS.PROCESS)
          (WINDOWPROP w 'PROCESS))
          then [ADD.PROCESS `(DOWINDOWCOM ,w)
          else (DOWINDOWCOM w]
        (SHRINKW w)
        w])
```

(**Phone-Directory-Kill-Proc**

```
[LAMBDA (window) (* sml "21-Aug-86 13:05")

  (* * Kill the phone directory process associated with the window)

  (LET [(proc (WINDOWPROP window 'PROCESS))
    (if (PROCESSP proc)
      then (if (TTY.PROCESSP proc)
        then (TTY.PROCESS T))
      (DEL.PROCESS proc))
```

(**Phone-Window-ButtonEventFn**

```
[LAMBDA (w) (* sml "1-Aug-86 09:37")
```

(* * The button event fn for the phone directory lookup window -
if the user bugs in the title, lets them re-cache the phone list)

```
(if [AND (NOT (MOUSESTATE UP))
      (NOT (INSIDEP (DSPCLIPPINGREGION NIL w)
                    (LASTMOUSEX w)
                    (LASTMOUSEY w)))
    (MENU (LOADTIMECONSTANT (create MENU
                                     ITEMS _ '("Recache the directory files?")
                                     _))
      then (Cache-Phone-Directory-Files PROMPTWINDOW])
```

(Lookup-Person

[LAMBDA (w)

(* sml "21-Aug-86 13:46")

(* * The main program for the Phone-Directory)

```
(OPENW w)
(TTYDISPLAYSTREAM w)
(TTY.PROCESS (THIS.PROCESS))
(OR *Cached-Phone-Directory-Files* (Cache-Phone-Directory-Files T))
(bind name do (TERPRI)
              (SETQ name (TTYIN "Name: " NIL NIL '(STRING NORAISE)
                               NIL NIL NIL NIL))
              (if (NOT (NULL name))
                  then (GREP name *Cached-Phone-Directory-Files*))
              until (NOT (OPENWP w]))
```

(Phone-Window-WhenOpenedFn

[LAMBDA (w)

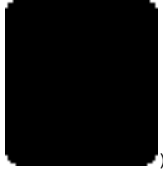
(* sml "21-Aug-86 13:21")

(* * The OPENFN for the Phone lookup window)

```
(if (WINDOWPROP w 'PROCESS)
    then (TTY.PROCESS (WINDOWPROP w 'PROCESS))
    else (OPENW w)
          (ADD.PROCESS `(Lookup-Person ,w)
                        'NAME
                        'Lookup-Person
                        'WINDOW w])
```

)

(RPAQQ fingersIconMask



(RPAQQ fingersIconBM



(RPAQ? *Cached-Phone-Directory-Files* NIL)

(RPAQ? *Phone-Directory-Pos* (create POSITION XCOORD _ 15 YCOORD _ (DIFFERENCE SCREENHEIGHT 75)))

(RPAQ? *Phone-Directory-Region* (CREATEREGION 15 (DIFFERENCE SCREENHEIGHT 258)
 400 250))

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS *Cached-Phone-Directory-Files* *Phone-Directory-Pos* *Phone-Directory-Region* fingersIconMask
fingersIconBM)

)

(FILESLOAD GREP)

(Let-your-fingers-do-the-walking)

(PUTPROPS PHONE-DIRECTORY COPYRIGHT ("Xerox Corporation" 1986 1987))

FUNCTION INDEX

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Phone-Directory-Pos2	fingersIconBM2	
