

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 (DELFILE 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?")
                                   PROMPTWINDOW])
            then (Cache-Phone-Directory-Files
```

**(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))
```

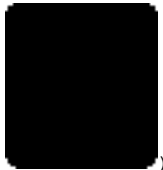
**(Phone-Window-WhenOpenedFn**

[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))

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