

File created: 23-Feb-2024 23:24:20 {WMEDLEY}<library>lafite>LAFITE-MAILSHARE.;1

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Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ **LAFITE-MAILSHARECOMS**

```
(( * Menu Functions)
 (FNS MASH.TopLevel MASH.CreateFreeMenu MASH.GetMail MASH.Quit MASH.Consistent MASH.MakeDirectoryName
  MASH.MakeProfileName MASH.MakeIconWindow)
 (* Icon bitmaps)
 (BITMAPS MASH.Icon MASH.IconMask)
 (* VARS)
 [INITVARS (MASH.VALID-HOSTS ' (IVY INDIGO PHYLLUM ERIS QV CHERRY)
 (GLOBALVARS MASH.VALID-HOSTS)
 (ADDVARS (BackgroundMenuCommands (Mail% Share ' (MASH.TopLevel)
                                     "Start the Mail Share menu"))
 (VARS (BackgroundMenu NIL)))

 (* * Menu Functions)
```

(DEFINEQ

(**MASH.TopLevel**

```
[LAMBDA NIL
 (* DSB " 5-Nov-86 09:55")
 (* Start the Mail Share Process)

 (PROG (menuWindow)
  (SETQ menuWindow (MASH.CreateFreeMenu))

  (* * initialize to GV)

  (FM.CHANGESTATE (FM.ITEMFROMID menuWindow 'NETMODE)
   menuWindow)

  (* * set up menu window)

  (WINDOWPROP menuWindow 'ICONFN (FUNCTION MASH.MakeIconWindow))
  (SHAPEW menuWindow '(200 200 275 82))
  (SHAPEW (GETPROMPTWINDOW menuWindow)
   '(200 282 275 35))
```

(**MASH.CreateFreeMenu**

```
[LAMBDA (LEFT BOTTOM)
 (* DSB " 5-Nov-86 09:37")
 (* returns a free menu window at specified position)

 (FM.FORMATMENU `(((TYPE TITLE LABEL Commands%: FONT (MODERN 12 BOLD))
  (LABEL GetMail SELECTEDFN MASH.GetMail)
  (LABEL Quit SELECTEDFN MASH.Quit))
 ((TYPE EDITSTART LABEL Name%: FONT (MODERN 12 BOLD)
  ITEMS
  (NAME))
  (TYPE EDIT ID NAME LABEL ""))
 ((TYPE EDITSTART LABEL |Mail Directory:| FONT (MODERN 12 BOLD)
  ITEMS
  (DIRECTORY))
  (TYPE EDIT ID DIRECTORY LABEL ""))
 ((TYPE TITLE LABEL NetworkMode%: FONT (MODERN 12 BOLD))
  (TYPE NWAY ID NETMODE LABEL GV)
  (TYPE NWAY ID NETMODE LABEL NS))
 (WINDOWPROPS TITLE "Mail Share" LEFT %, LEFT BOTTOM %, BOTTOM])
```

(**MASH.GetMail**

```
[LAMBDA (ITEM WINDOW BUTTONS)
 (* DSB " 5-Nov-86 10:05")
 (* Gets the mail)

 (PROG ((state (FM.READSTATE WINDOW))
  (promptW (GETPROMPTWINDOW WINDOW))
  name mailDirectory networkMode consistent mailProfile (locatedDirectory NIL))
 (CLEARW promptW)

 (* * check that name is specified)

 [SETQ name (U-CASE (LISTGET state 'NAME)
 (COND
  ((EQUAL name ""))
  (PRIN1 "Enter your name" promptW)
  (RETURN)))

 (* * check if mail directory is both entered and consistent)

 (* * If consistent, check if the mail directory is legitimate; otherwise, use mail directory host list)
```

```

[SETQ mailDirectory (U-CASE (LISTGET state 'DIRECTORY)
[COND
  ((NOT (EQUAL mailDirectory ""))
  [COND
    ((NOT (UNPACKFILENAME mailDirectory 'HOST))
    (RETURN (PRIN1 "Include file server name (e.g., {ivy})" promptW)
    (SETQ consistent (MASH.Consistent name mailDirectory))
    [COND
      ((EQ consistent 'ERROR)
      (CLEARW promptW)
      (PRIN1 "Badly formed directory name" promptW)
      (RETURN)))
    [COND
      (consistent (SETQ mailProfile (MASH.MakeProfileName mailDirectory))
      [COND
        ((INFILEP mailProfile)
        (SETQ locatedDirectory T))
        (T (PRIN1 "Can't find that mail directory. Searching..." promptW)

(* * look for default mail directory using mail directory host list)

[for host in MASH.VALID-HOSTS while (NOT locatedDirectory) do (SETQ mailDirectory (MASH.MakeDirectoryName
                                                                    host name))
                                                                    (SETQ mailProfile (MASH.MakeProfileName
                                                                    mailDirectory))
                                                                    [COND
                                                                      ((INFILEP mailProfile)
                                                                      (SETQ locatedDirectory T)

(* * if unable to find valid mail directory, return)

(COND
  ((NOT locatedDirectory)
  (CLEARW promptW)
  (PRIN1 "Please enter correct default mail directory name" promptW)
  (PRIN1 "e.g., {IVY}<your-name>MAIL>" promptW)
  (RETURN)))

(* * profile exists, so do it!)

(CLEARW promptW)
(FM.CHANGELABEL (FM.ITEMFROMID WINDOW 'DIRECTORY)
  WINDOW mailDirectory)
(PRIN1 "Quitting previous Lafite..." promptW)
(LAFITE 'OFF)
(PRIN1 "Done" promptW)
(TERPRI promptW)
(LOGIN)
[COND
  ((NOT (EQ USERNAME (MKATOM name)))
  (RETURN (PRIN1 "Mail and Login names inconsistent" promptW)
  (CLEARW promptW)
  (PRIN1 "Mail is coming..." promptW)
  [SETQ networkMode (U-CASE (LISTGET state 'NETMODE)
  [COND
    ((EQ networkMode 'GV)
    (LAFITEMODE 'GV))
    (T (LAFITEMODE 'NS]
  (SETQ LAFITEDEFAULTHOST&DIR mailDirectory)
  (LAFITE 'ON])

```

(MASH.Quit

[LAMBDA (ITEM WINDOW BUTTONS)

(* DSB " 5-Nov-86 10:11")

(* * Quits LAFITE, clears menu, etc.)

```

(PROG ((promptW (GETPROMPTWINDOW WINDOW)))
  (CLEARW promptW)
  (PRIN1 "Quitting Lafite..." promptW)
  (FM.CHANGELABEL (FM.ITEMFROMID WINDOW 'NAME)
    WINDOW "")
  (FM.CHANGELABEL (FM.ITEMFROMID WINDOW 'DIRECTORY)
    WINDOW "")
  (LAFITE 'OFF)
  (SETQ LAFITEDEFAULTHOST&DIR NIL)
  (LAFITEMODE 'GV)
  (FM.CHANGESTATE (FM.ITEMFROMID WINDOW 'NETMODE)
    WINDOW)
  (PRIN1 "Done" promptW])

```

(MASH.Consistent

[LAMBDA (name mailDirectory)

(* DSB " 4-Nov-86 09:21")

(* * returns T if name is the root directory of mailDirectory)

```

(PROG ((nameString (MKSTRING name))
      (mailDirectoryString (MKSTRING mailDirectory))
      startPosition length before after)
  (SETQ startPosition (STRPOS nameString mailDirectoryString))
  (COND
    ((NOT startPosition)
     (RETURN NIL)))
    (SETQ length (NCHARS nameString))
    (SETQ before (STRPOS "<" mailDirectoryString))
    (SETQ after (STRPOS ">" mailDirectoryString))
    (COND
      [(AND (NUMBERP before)
            (NUMBERP after))
       (RETURN (EQP length (DIFFERENCE (DIFFERENCE after before)
                                         1))
               (T (RETURN 'ERROR]))])

```

(MASH.MakeDirectoryName

```

[LAMBDA (host userName) (* DSB "2-Nov-86 15:43")
  (PROG (directoryName)
    (SETQ directoryName (CONCAT userName ">MAIL>"))
    (RETURN (PACKFILENAME 'HOST host 'DIRECTORY directoryName))

```

(MASH.MakeProfileName

```

[LAMBDA (directory) (* DSB "2-Nov-86 15:37")

  (* * returns the Lafite.Profile name)

  (PROG (profileName)
    (SETQ profileName (PACKFILENAME 'DIRECTORY directory 'NAME 'LAFITE 'EXTENSION 'PROFILE))
    (RETURN profileName))

```

(MASH.MakelconWindow

```

[LAMBDA (WINDOW OLDICON) (* DSB "15-Dec-86 09:58")

  (* * Creates a window with an icon formed by two bit maps.)

  (OR OLDICON (ICONW MASH.Icon MASH.IconMask))

```

```

  (* * Icon bitmaps)

```

```

(RPAQQ MASH.Icon

```



```

(RPAQQ MASH.IconMask

```



```

  (* * VARS)

```

```

(RPAQ? MASH.VALID-HOSTS ' (IVY INDIGO PHYLUM ERIS QV CHERRY))

```

```

(DECLARE%: DOEVAL@COMPILE DONTCOPY

```

```

(GLOBALVARS MASH.VALID-HOSTS)

```

```

(ADDTOVAR BackgroundMenuCommands (Mail% Share ' (MASH.TopLevel)
                                                "Start the Mail Share menu"))

```

```

(RPAQQ BackgroundMenu NIL)

```

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