

File created: 26-Feb-2024 20:14:22 {WMEDLEY}<library>lafite>LAFITE-DECLS.;5

edit by: rmk

changes to: (VARS LAFITE.PROGRAMMER.ENTRIES)

previous date: 24-Feb-2024 12:01:11 {WMEDLEY}<library>lafite>LAFITE-DECLS.;4

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ **LAFITE-DECLSCOMS**

```
((RECORDS LAFITEOPS LAFITEMODEDATA LAFITEMSG MAILFOLDER FOLDERGROUP DEFAULTHOST&DIR MAILSERVER
MAILSERVEROPS OPENEDMAILBOX OUTBOX PROFILEVAR)
(COMS ; characteristics of standard Laurel messages
(CONSTANTS (LAFITEBASICSTAMPLENGTH 19)
(LAFITESTAMPLENGTH 24)
(DELETEDFLAG (CHARCODE D))
(UNDELETEDFLAG (CHARCODE U))
(SEENFLAG (CHARCODE S))
(UNSEENFLAG (CHARCODE U))
(DUPLICATEMARK 128)))
(COMS ; Stuff for table of contents
(CONSTANTS LAFITETOCPASSWORD LAFITETOCHEADERLENGTH))
(COMS ; Browser status values. "Ready" values have low bit 1.
(CONSTANTS LAS.READY LAS.LOGGED.OUT)
(CONSTANTS LAS.PARSING LAS.FLUSHED LAS.OUT.OF.DATE))
(COMS ; Bits for figuring out which menu to use on Update, etc.
(CONSTANTS (\HARDCOPY.MENU.BIT 1)
(\UPDATE.MENU.BIT 2)
(\TOC.MENU.BIT 4)
(\EXPUNGE.MENU.BIT 8)
(\SORT.MENU.BIT 16)
(\EXPUNGE&SORT.MENU.BIT 32)
(\CLOSE.MENU.BIT 64)
(\SHRINK.MENU.BIT 128)))
(COMS ; For iterating over the selected messages of a browser
(I.S.OPRS SELECTEDIN))
(MACROS WORDIN FIXPIN WORDOUT FIXPOUT UCASECODE NTHMESSAGE .LAFITEMENU. MAYBEVERIFMSG UNSEENMARKP)
(COMS (GLOBALVARS * LAFITEGLOBALS)
[P (CL:PROCLAIM ' (CL:SPECIAL *LAFITE-MODE-DATA* *UPPER-CASE-FILE-NAMES* \#DISPLAYLINES)
; LAFITE.PROCLAMATIONS are exported to user in file
; LAFITE--these are the documented variables
(P * LAFITE.PROCLAMATIONS))
(COMS ; For debugging with Masterscope, here are fns not called from
; code
(VARS LAFITE.CALLED.FROM.LITERALS LAFITE.PROGRAMMER.ENTRIES)
(COMMANDS WHONOTLAFITE CHECKLAFITE))
(DECLARE%: DONTVAL@COMPILE (TEMPLATES WINDOWPROP WINDOWADDPROP WINDOWDELPROP PROCESSPROP TEXTPROP)))
(DECLARE%: EVAL@COMPILE
(RECORD LAFITEOPS (LAFITEMODE MODEINDEX SENDPARSER SENDER ANSWERER AUTHENTICATOR MESSAGEP MESSAGE-FROM-SELFP
LOGIN))
(RECORD LAFITEMODEDATA (LAFITEOPS (FULLUSERNAME CREDENTIALS UNPACKEDUSERNAME SHORTUSERNAME FROMFIELD)
MAILSERVERS))
(DATATYPE LAFITEMSG ((PARSED? FLAG) ; True if we have parsed the message, and thus filled in the fields
; DATE, FROM, SUBJECT below.
(DELETED? FLAG) ; True if message marked for deletion
(SEEN? FLAG) ; True if message is examined.
(TEKKNOWN? FLAG) ; True if DATE field correctly parsed into IDATE [formerly
; formatted? flag]
(TEKFETCHED? FLAG) ; True if IDATE field contains a date (could be guess)
(MODEBITS BITS 3) ; Mode in which the message was received
(MARKCHAR BYTE) ; Arbitrary mark byte
(%# WORD) ; Ordinal number of message
(BEGIN POINTER) ; Start of the whole message
(MESSAGELENGTH POINTER) ; Length of whole message
(STAMPLENGTH WORD) ; Number of bytes in file header (usually 24)
(TOLENGTH WORD) ; Number of bytes this message consumes on toc
(MESSAGELENGTHCHANGED? FLAG) ; True if we have decided that the true length of this message is
; different from what the file says
(SELECTED? FLAG) ; True if msg currently selected
(MSGFROMMECHECKED? FLAG) ; True if we have tested whether this message is from self
(MSGFROMMETRUTH FLAG) ; Is it?
(TEK POINTER) ; The fields of the parse (strings)
(NIL FLAG)
(MARKSCHANGEDINFILE? FLAG)
(MARKSCHANGEDINTOC? FLAG)
(NIL FLAG)
(FROM POINTER)
(SUBJECT POINTER)
(TEK POINTER))
```

(IDATE FIXP) ; Integer form of DATE (for sorting)
)

;; BEGIN is the only absolute pointer into the message file -- all other positions are relative to BEGIN -- see the ACCESSFNS

(BLOCKRECORD LAFITEMSG ((PARSED&DELETED&SEENBITS BITS 3) ; For toc version 8
(DATEBITS BITS 2) ; For toc version 10
(NIL BITS 3)
(NIL BYTE)
(NIL WORD)))
(BLOCKRECORD LAFITEMSG ((MSGFLAGBITS BITS 8)
(NIL BYTE)
(NIL WORD)
(NIL BITS 4)
(NIL POINTER)
(NIL BITS 4)
(NIL POINTER)
(NIL WORD)
(NIL WORD)
(NIL BITS 4)
(NIL POINTER)
(NIL BITS 1)
(MARKSCHANGEDBITS BITS 2)
(NIL BITS 1)
(NIL 3 POINTER)
(IDATEHI WORD)
(IDATELO WORD)))
(ACCESSFNS LAFITEMSG ((END (+ (fetch (LAFITEMSG MESSAGELENGTH) of DATUM)
(fetch (LAFITEMSG BEGIN) of DATUM)))
(START (+ (fetch (LAFITEMSG BEGIN) of DATUM)
(fetch (LAFITEMSG STAMPLNGTH) of DATUM)))
(MSGFROMMEP (COND
((fetch (LAFITEMSG MSGFROMMECHECKED?) of DATUM)
(fetch (LAFITEMSG MSGFROMMETRUTH) of DATUM))
(T (LA.MSGFROMMEP DATUM)))
(PROG1 (replace (LAFITEMSG MSGFROMMETRUTH) of DATUM with NEWVALUE)
(replace (LAFITEMSG MSGFROMMECHECKED?) of DATUM with T)))
(MARKSCHANGED? (NEQ 0 (fetch (LAFITEMSG MARKSCHANGEDBITS) of DATUM))
(replace (LAFITEMSG MARKSCHANGEDBITS) of DATUM with 3))
(MODE (CL:NTH (fetch (LAFITEMSG MODEBITS) of DATUM)
LAFITE-WELL-KNOWN-MODES)
(replace (LAFITEMSG MODEBITS) of DATUM WITH (OR (CL:POSITION NEWVALUE
LAFITE-WELL-KNOWN-MODES
)
)
0]

[DATATYPE MAILFOLDER ((BROWSERPROMPTDIRTY FLAG) ; Something's been printed in prompt window
(BROWSERPROMPTGREW FLAG) ; Browser prompt window has expanded
(FOLDERNEEDSUPDATE FLAG) ; Something changed
(FOLDERNEEDSEXPUNGE FLAG) ; True if deleted msgs
(FOLDERBEINGUPDATED FLAG) ; True during Update cmd
(BROWSERSTATUS BITS 3) ; Ready, etc.
(FULLFOLDERNAME POINTER) ; Full name of actual file
(FOLDEROKTOSHRINK FLAG) ; Kludge to allow you to call SHRINKW without invoking the
; Update? question
(FOLDERGETSMAIL FLAG) ; True if GetMail ok
(FOLDEROUTOFORDER FLAG) ; True if folder has been sorted
(NIL 5 FLAG)
(VERSIONLESSFOLDERNAME POINTER) ; Versionless for conflict check
(SHORTFOLDERNAME POINTER) ; Normal name displayed to user
(FOLDERSTREAM POINTER) ; Stream open on the file, or NIL
(MESSAGEDESCRIPTORS POINTER) ; Array of LAFITEMSG
(FOLDERLOCK POINTER) ; Monitor lock for all access
(%#OFMESSAGES WORD)
(TOCLASTMESSAGE# WORD) ; Last message that is in TOC file
(BROWSERFONTHEIGHT WORD) ; Cached info about browser font
(BROWSERFONTASCENT WORD)
(BROWSERFONTDESCENT WORD)
(BROWSERMAXXPOS WORD) ; For extent computations
(ORDINALXPOS WORD) ; Where msg # starts
(DEXPOS WORD) ; Where msg date starts
(FROMXPOS WORD) ; Where msg From starts
(FROMMAXXPOS WORD) ; Beyond here, From is truncated
(SUBJECTXPOS WORD) ; Where msg subject starts
(BROWSERDIGITWIDTH WORD)
(FIRSTSELECTEDMESSAGE WORD) ; First/last msgs currently selected
(LASTSELECTEDMESSAGE WORD)
(FIRSTCHANGEDMESSAGE WORD) ; First message with any change--not currently used
(CURRENTPROMPTLINE WORD) ; Value of \currentdisplayline for browser prompt
(CURRENTDISPLAYEDSTREAM POINTER) ; The backing core file for the current message (not used
; interestingly)
(BROWSEREXTENT POINTER)
(BROWSERORIGIN POINTER)
(FOLDERDISPLAYREGION POINTER) ; Region of display window (valid when browser shrunk)
(BROWSERWINDOW POINTER) ; The browser window and various pieces...
(BROWSERMENU POINTER)
(BROWSERMENUWINDOW POINTER)

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(BROWSERPROMPTWINDOW POINTER)
(ORIGINALBROWSERTITLE POINTER)
(FOLDERDISPLAYWINDOWS POINTER)
; Original title before we added "default move to"
; Windows currently displaying messages from this folder. First
; element is "primary" display window, or NIL
; Length of file
(FOLDEREOPFTR POINTER)
(DEFAULTMOVETOFILE POINTER)
; Folder we last moved to, or NIL
(CURRENTDISPLAYEDMESSAGE POINTER)
; Message descriptor of most recently displayed message
(BROWSERUPDATEFROMHERE POINTER)
; First potentially changed message, from which redisplay needs
; to occur when icon expands.
(BROWSERLAYOUT POINTER)
; The element of LAFITEBROWSERLAYOUTS used to build this
; window, if any
(FOLDERCREATIONDATE POINTER)
; the ICREATIONDATE of the file
(HARDCOPYMESSAGES POINTER)
; List of msg descriptors being hardcopied
(HARDCOPYSTREAM POINTER)
; A Textstream for pending hardcopy

```

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)
(BLOCKRECORD MAILFOLDER ((NIL 5 FLAG)
(NIL BITS 2)
(BROWSERREADYBIT FLAG) ; Low bit of status on means ready
))
(ACCESSFNS MAILFOLDER ((BROWSERREADY (fetch (MAILFOLDER BROWSERREADYBIT) of DATUM)
(REPLACE (MAILFOLDER BROWSERSTATUS) OF DATUM WITH (COND
(NEWVALUE LAS.READY)
(T LAS.PARSING)

```

```

(RECORD FOLDERGROUP (FGNAME (FGTOPLEVEL . FGSUBGROUPS) . FGFOLDERS))
(RECORD DEFAULTHOST&DIR (PACKEDHOST&DIR . UNPACKEDHOST&DIR)
(PROPRECORD UNPACKEDHOST&DIR (DEFAULTDIR DEFAULTHOST DEFAULTDEV)))
(RECORD MAILSERVER (MAILSERVEROPS MAILPORT MAILSERVERNAME CONTINUANCE NEWMAILP . MAILSTATE))
(RECORD MAILSERVEROPS (POLLNEWMAIL OPENMAILBOX NEXTMESSAGE RETRIEVEMESSAGE CLOSEMAILBOX SERVERPORTFROMNAME))
(RECORD OPENEDMAILBOX (MAILBOX . PROPERTIES)
(PROPRECORD PROPERTIES (%#OFMESSAGES)))
(RECORD OUTBOX (OBWINDOW OBSIZE OBHEIGHT OBDESCENT OBORIGIN OBITEMS))
(RECORD PROFILEVAR (PFVARNAME PFRECONCILIATIONFN PFLOADFN PFDUMPFN))
)

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(/DECLAREDATATYPE 'LAFITEMSG
' (FLAG FLAG FLAG FLAG FLAG (BITS 3)
BYTE WORD POINTER POINTER WORD WORD FLAG FLAG FLAG FLAG POINTER FLAG FLAG FLAG FLAG POINTER
POINTER POINTER FIXP)
;; ---field descriptor list elided by lister---
' 18)

(/DECLAREDATATYPE 'MAILFOLDER
' (FLAG FLAG FLAG FLAG FLAG (BITS 3)
POINTER FLAG FLAG FLAG FLAG FLAG FLAG FLAG FLAG POINTER POINTER POINTER POINTER POINTER WORD WORD
WORD WORD WORD WORD WORD WORD WORD WORD WORD WORD WORD WORD WORD POINTER POINTER POINTER
POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER
POINTER POINTER POINTER)
;; ---field descriptor list elided by lister---
' 66)

```

;; characteristics of standard Laurel messages

```

(DECLARE%: EVAL@COMPILE
(RPAQQ LAFITEBASICSTAMPLENGTH 19)
(RPAQQ LAFITESTAMPLENGTH 24)
(RPAQ DELETEDFLAG (CHARCODE D))
(RPAQ UNDELETEDFLAG (CHARCODE U))
(RPAQ SEENFLAG (CHARCODE S))
(RPAQ UNSEENFLAG (CHARCODE U))
(RPAQQ DUPLICATEMARK 128)
(CONSTANTS (LAFITEBASICSTAMPLENGTH 19)
(LAFITESTAMPLENGTH 24)
(DELETEDFLAG (CHARCODE D))
(UNDELETEDFLAG (CHARCODE U))
(SEENFLAG (CHARCODE S))
(UNSEENFLAG (CHARCODE U))
(DUPLICATEMARK 128))
)

```

:: Stuff for table of contents

```
(DECLARE%: EVAL@COMPILE
(RPAQQ LAFITETOCPASSWORD 45610)
(RPAQQ LAFITETOCHEADERLENGTH 10)
(CONSTANTS LAFITETOCPASSWORD LAFITETOCHEADERLENGTH)
)
```

:: Browser status values. "Ready" values have low bit 1.

```
(DECLARE%: EVAL@COMPILE
(RPAQQ LAS.READY 1)
(RPAQQ LAS.LOGGED.OUT 3)
(CONSTANTS LAS.READY LAS.LOGGED.OUT)
)
(DECLARE%: EVAL@COMPILE
(RPAQQ LAS.PARSING 0)
(RPAQQ LAS.FLUSHED 2)
(RPAQQ LAS.OUT.OF.DATE 4)
(CONSTANTS LAS.PARSING LAS.FLUSHED LAS.OUT.OF.DATE)
)
```

:: Bits for figuring out which menu to use on Update, etc.

```
(DECLARE%: EVAL@COMPILE
(RPAQQ \HARDCOPY.MENU.BIT 1)
(RPAQQ \UPDATE.MENU.BIT 2)
(RPAQQ \TOC.MENU.BIT 4)
(RPAQQ \EXPUNGE.MENU.BIT 8)
(RPAQQ \SORT.MENU.BIT 16)
(RPAQQ \EXPUNGE&SORT.MENU.BIT 32)
(RPAQQ \CLOSE.MENU.BIT 64)
(RPAQQ \SHRINK.MENU.BIT 128)
(CONSTANTS (\HARDCOPY.MENU.BIT 1)
(\UPDATE.MENU.BIT 2)
(\TOC.MENU.BIT 4)
(\EXPUNGE.MENU.BIT 8)
(\SORT.MENU.BIT 16)
(\EXPUNGE&SORT.MENU.BIT 32)
(\CLOSE.MENU.BIT 64)
(\SHRINK.MENU.BIT 128))
)
```

:: For iterating over the selected messages of a browser

```
(DECLARE%: EVAL@COMPILE
[I.S.OPR 'SELECTEDIN NIL ' (bind ($$MESSAGES _ (fetch (MAILFOLDER MESSAGEDESCRIPTORS) of BODY))
($$MSG# _ (SUB1 (fetch (MAILFOLDER FIRSTSELECTEDMESSAGE) of BODY)))
($$MSGLAST _ (fetch (MAILFOLDER LASTSELECTEDMESSAGE) of BODY))
until (IGREATERP (add $$MSG# 1)
$$MSGLAST)
when (fetch (LAFITEMSG SELECTED?) of (SETQ I.V. (NTHMESSAGE $$MESSAGES $$MSG#]
)
(DECLARE%: EVAL@COMPILE
(PROGN (PUTPROPS WORDIN DMACRO (= . \WIN))
(PUTPROPS WORDIN MACRO (= . \WIN)))
(PUTPROPS FIXPIN DMACRO (OPENLAMBDA (STREAM)
(\MAKENUMBER (WORDIN STREAM)
(WORDIN STREAM))))
```

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{MEDLEY}<library>lafite>LAFITE-DECLS.;1

(PUTPROPS WORDOUT DMACRO (= . \WOUT))

(PUTPROPS FIXPOUT DMACRO [OPENLAMBDA (STREAM N)
    (PROGN (WORDOUT STREAM (LRSH N 16))
        (WORDOUT STREAM (LOGAND N 65535]))

(PUTPROPS UCASECODE MACRO (OPENLAMBDA (CHAR)
    (COND
        ((AND (IGEQ CHAR (CHARCODE a))
            (ILEQ CHAR (CHARCODE z)))
            (LOGAND CHAR 95))
        (T CHAR))))

(PUTPROPS NTHMESSAGE MACRO (= . ELT))

(PUTPROPS .LAFITEMENU. MACRO [(NAME ITEMS TITLE)
    (PROGN (DECLARE (GLOBALVARS NAME))
        (OR NAME (SETQ NAME (\LAFITE.CREATE.MENU ITEMS TITLE))

(PUTPROPS MAYBEVERIFMSG MACRO ((MSG MAILFOLDER)
    (AND LAFITEVERIFYPFLG (\LAFITE.VERIFYPMSG MSG MAILFOLDER)))

(PUTPROPS UNSEENMARKP MACRO (OPENLAMBDA (MK)
    (OR (EQ MK UNSEENMARK)
        (EQ MK HEARDMARK)))
)

(RPAQQ LAFITEGLOBALS
    (*LAFITE-WELL-KNOWN-MODES* ANOTHERFOLDERMENUITEM AROUNDEXITFNS BackgroundMenu BackgroundMenuCommands
    FORWARDMARK HARDCOPYBATCHMARK HARDCOPYMARK HEARDMARK LA.CROSSCURSOR LA.SELECTION.BITMAP
    LAFITE.PERSONAL.VARS LAFITE.UPDATE.MENU.HASH LAFITE.USER.INFO LAFITEEOL LAFITEFOLDERSMENU
    LAFITEFORMSMENU LAFITEITEMBUSYSHADE LAFITEMAILFOLDERS LAFITEMAINMENU LAFITEMULTIPLEFOLDERSMENU
    LAFITEITEMBUSYSHADE LAFITESTATUSWINDOW LAFITESUBBROWSEMENU LAFITESUBQUITMENU LAFITESYSTEMDATE
    LAFITEVERSION# LASTMOUSEBUTTONS LASTMOUSEX LASTMOUSEY LOGINHOST/DIR PROMPTWINDOW SCREENHEIGHT
    SCREENWIDTH SEENMARK UNSEENMARK UNSUPPLIEDFIELDSTR UPPERARRAY WINDOWTITLEFONT
    \ACTIVE\LAFITEFOLDERS \AFTERLOGINFNS \LAFITE.ACTIVE \LAFITE.ACTIVE.MODES \LAFITE.BROWSELOCK
    \LAFITE.CURRENT.USER \LAFITE.HARDCOPYLOCK \LAFITE.LAST.STATUS \LAFITE.MAILSERVERLOCK
    \LAFITE.MAINLOCK \LAFITE.MODE.CHOICES \LAFITE.OUTBOX \LAFITE.PROFILELOCK \LAFITE.PSEUDO.DEVICES
    \LAFITE.READY \LAFITE.TEMPFILES \LAFITEDEFAULTHOST&DIR \LAFITEMODE \LAFITEPROFILECHANGED
    \LAFITEPROFILEDATE \LAPARSE.DONT.DISPLAY.HEADERS \LAPARSE.DONT.FORWARD.HEADERS
    \LAPARSE.DONT.HARDCOPY.HEADERS LAFITE.FOLDER.STRUCTURE LAFITE.SPACER.MENU.ITEM)

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS *LAFITE-WELL-KNOWN-MODES* ANOTHERFOLDERMENUITEM AROUNDEXITFNS BackgroundMenu BackgroundMenuCommands
    FORWARDMARK HARDCOPYBATCHMARK HARDCOPYMARK HEARDMARK LA.CROSSCURSOR LA.SELECTION.BITMAP
    LAFITE.PERSONAL.VARS LAFITE.UPDATE.MENU.HASH LAFITE.USER.INFO LAFITEEOL LAFITEFOLDERSMENU LAFITEFORMSMENU
    LAFITEITEMBUSYSHADE LAFITEMAILFOLDERS LAFITEMAINMENU LAFITEMULTIPLEFOLDERSMENU LAFITEPROFILERDTBL
    LAFITESTATUSWINDOW LAFITESUBBROWSEMENU LAFITESUBQUITMENU LAFITESYSTEMDATE LAFITEVERSION# LASTMOUSEBUTTONS
    LASTMOUSEX LASTMOUSEY LOGINHOST/DIR PROMPTWINDOW SCREENHEIGHT SCREENWIDTH SEENMARK UNSEENMARK
    UNSUPPLIEDFIELDSTR UPPERARRAY WINDOWTITLEFONT \ACTIVE\LAFITEFOLDERS \AFTERLOGINFNS \LAFITE.ACTIVE
    \LAFITE.ACTIVE.MODES \LAFITE.BROWSELOCK \LAFITE.CURRENT.USER \LAFITE.HARDCOPYLOCK \LAFITE.LAST.STATUS
    \LAFITE.MAILSERVERLOCK \LAFITE.MAINLOCK \LAFITE.MODE.CHOICES \LAFITE.OUTBOX \LAFITE.PROFILELOCK
    \LAFITE.PSEUDO.DEVICES \LAFITE.READY \LAFITE.TEMPFILES \LAFITEDEFAULTHOST&DIR \LAFITEMODE
    \LAFITEPROFILECHANGED \LAFITEPROFILEDATE \LAPARSE.DONT.DISPLAY.HEADERS \LAPARSE.DONT.FORWARD.HEADERS
    \LAPARSE.DONT.HARDCOPY.HEADERS LAFITE.FOLDER.STRUCTURE LAFITE.SPACER.MENU.ITEM)
)

(CL:PROCLAIM '(CL:SPECIAL *LAFITE-MODE-DATA* *UPPER-CASE-FILE-NAMES* \#DISPLAYLINES))

;; LAFITE.PROCLAMATIONS are exported to user in file LAFITE--these are the documented variables

(RPAQQ LAFITE.PROCLAMATIONS
    [(CL:PROCLAIM '(GLOBAL ANSWERMARK BROWSERMARKXPOSITION DEFAULTMAILFOLDERNAME
    LAFITE.2COLUMN.MENU.MIN.ITEMS LAFITE.AUTO.MOVE.MENU LAFITE.BACKGROUND.ITEM
    LAFITE.BROWSER.ICON.PREFERENCE LAFITE.BROWSER.LAYOUTS LAFITE.DISPLAY.SIZE
    LAFITE.DONT.DISPLAY.HEADERS LAFITE.DONT.FORWARD.HEADERS
    LAFITE.DONT.HARDCOPY.HEADERS LAFITE.DUMMY.HALF.SHADE LAFITE.DUMMY.SHADE
    LAFITE.EDITOR.LAYOUTS LAFITE.EDITOR.SIZE LAFITE.EXTRA.DISPLAY.COMMANDS
    LAFITE.EXTRA.MOVE.ITEMS LAFITE.FOLDER.ICON LAFITE.FOLDER.MENU.FONT
    LAFITE.HOST.ABBREVS LAFITE.LOOKS.SUBCOMMANDS LAFITE.MIDDLE.UPDATE
    LAFITE.PROFILE.VARS LAFITE.SIGNATURE LAFITE.USE.ALL.MODES LAFITEBROWSERFONT
    LAFITEBROWSERICONMENU LAFITEBROWSERICONMENUITEMS LAFITEBROWSERMENUITEMS
    LAFITEBROWSERREGION LAFITEBUFFERSIZE LAFITEBUSYWAITTIME LAFITECLOSEITEM
    LAFITECOMMANDMENUITEMS LAFITEDEFAULTHOST&DIR LAFITEDELETEDLINEHEIGHT
    LAFITEDISPLAYAFTERDELETEFLG LAFITEDISPLAYFONT LAFITEDISPLAYREGION LAFITEDL.EXT
    LAFITEDLDIRECTORIES LAFITEENDOFMESSAGEFONT LAFITEENDOFMESSAGESTR LAFITEEXTRAMENUFLG
    LAFITEEXTRAMENUITEMS LAFITEFIXEDWIDTHFONT LAFITEFORM.EXT LAFITEFORMFILES
    LAFITEFROMFRACTION LAFITEHARDCOPY.MIN.TOC LAFITEHARDCOPYBATCHFLG
    LAFITEHARDCOPYBATCHSHADE LAFITEHARDCOPYFONT LAFITEHARDCOPYSEPARATOR
    LAFITEIFFROMMETHENSEENFLG LAFITEINFO.NAME LAFITEMAIL.EXT LAFITEMENUFONT
    LAFITEMENUVARS LAFITEMINFROMCHARS LAFITEMODEDEFAULT LAFITEMODELST
    LAFITEMOVETOCONFIRMFLG LAFITEMSGICONFONT LAFITENEWPAGEFLG LAFITESHOWMODEFLG
    LAFITESTATUSWINDOWMINWIDTH LAFITESTATUSWINDOWPOSITION LAFITESUBBROWSEMENUITEMS
    LAFITESUBQUITMENUITEMS LAFITETITLEFONT LAFITETOC.EXT LAFITEUPDITEMENUITEMS
    MOVETOMARK)
    (CL:PROCLAIM '(CL:SPECIAL LAFITEVERIFYPFLG])

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```
(CL:PROCLAIM ' (GLOBAL ANSWERMARK BROWSERMARKXPOSITION DEFAULTMAILFOLDERNAME LAFITE.2COLUMN.MENU.MIN.ITEMS
LAFITE.AUTO.MOVE.MENU LAFITE.BACKGROUND.ITEM LAFITE.BROWSER.ICON.PREFERENCE
LAFITE.BROWSER.LAYOUTS LAFITE.DISPLAY.SIZE LAFITE.DONT.DISPLAY.HEADERS
LAFITE.DONT.FORWARD.HEADERS LAFITE.DONT.HARDCOPY.HEADERS LAFITE.DUMMY.HALF.SHADE
LAFITE.DUMMY.SHADE LAFITE.EDITOR.LAYOUTS LAFITE.EDITOR.SIZE LAFITE.EXTRA.DISPLAY.COMMANDS
LAFITE.EXTRA.MOVE.ITEMS LAFITE.FOLDER.ICON LAFITE.FOLDER.MENU.FONT LAFITE.HOST.ABBREVS
LAFITE.LOOKS.SUBCOMMANDS LAFITE.MIDDLE.UPDATE LAFITE.PROFILE.VARS LAFITE.SIGNATURE
LAFITE.USE.ALL.MODES LAFITEBROWSERFONT LAFITEBROWSERICONMENU LAFITEBROWSERICONMENUITEMS
LAFITEBROWSERMENUITEMS LAFITEBROWSERREGION LAFITEBUFFERSIZE LAFITEBUSYWAITTIME
LAFITECLOSEITEM LAFITECOMMANDMENUITEMS LAFITEDEFAULTHOST&DIR LAFITEDELETEDLINEHEIGHT
LAFITEDISPLAYAFTERDELETEFLG LAFITEDISPLAYFONT LAFITEDISPLAYREGION LAFITEDL.EXT
LAFITEDLDIRECTORIES LAFITEENDOFMESSAGEFONT LAFITEENDOFMESSAGESTR LAFITEEXTRAMENUFLG
LAFITEEXTRAMENUITEMS LAFITEFIXEDWIDTHFONT LAFITEFORM.EXT LAFITEFORMFILES LAFITEFROMFRACTION
LAFITEHARDCOPY.MIN.TOC LAFITEHARDCOPYBATCHFLG LAFITEHARDCOPYBATCHSHADE LAFITEHARDCOPYFONT
LAFITEHARDCOPYSEPARATOR LAFITEIFFROMMETHENSEENFLG LAFITEINFO.NAME LAFITEMAIL.EXT
LAFITEMENUFONT LAFITEMENUVARS LAFITEMINFROMCHARS LAFITEMODEDEFAULT LAFITEMODELST
LAFITEMOVETOCONFIRMFLG LAFITEMSGICONFONT LAFITENEWPAGEFLG LAFITESHOWMODEFLG
LAFITESTATUSWINDOWMINWIDTH LAFITESTATUSWINDOWPOSITION LAFITESUBBROWSEMENUIITEMS
LAFITESUBQUITMENUIITEMS LAFITETITLEFONT LAFITETOC.EXT LAFITEUPDATEMENUIITEMS MOVETOMARK))
```

```
(CL:PROCLAIM ' (CL:SPECIAL LAFITEVERIFYFLG))
```

:: For debugging with Masterscope, here are fns not called from code

(RPAQQ LAFITE.CALLED.FROM.LITERALS

```
(GV.CLOSEMAILBOX GV.INIT.MAIL.USER GV.MAKEANSWERFORM GV.NEXTMESSAGE GV.OPENMAILBOX GV.POLLNEWMAIL
GV.PORTFROMNAME GV.RETRIEVEMESSAGE LAFITE.COMPUTE.CACHED.VARS LAFITE.GRAB.DATE
LAFITE.ON.FROM.BACKGROUND LAFITE.PARSE.DATE.FIELD.ONLY LAFITE.READ.FORMAT LAFITE.READ.LINE.FOR.TOC
LAFITE.READ.NAME.FIELD LAFITE.READ.ONE.LINE.FOR.TOC LAFITE.RENAME.GROUP MAKELAFITESUPPORTFORM
MAKELISPSUPPORTFORM SET.LAFITE.MODE.INTERACTIVELY \GV.MESSAGE.FROM.SELF.P \GV.MESSAGE.P
\GV.SEND.PARSE \GV.SENDMESSAGE \LAFITE.ANSWER \LAFITE.BROWSE \LAFITE.BROWSE.FORGET
\LAFITE.BROWSE.PROC \LAFITE.CANCEL.HARDCOPY \LAFITE.COPYTO \LAFITE.DELETE \LAFITE.DELETE.GROUP
\LAFITE.DESCRIBE.FOLDER \LAFITE.DISPLAY \LAFITE.EDIT.HIERARCHY \LAFITE.ENABLE.MOVE.MENU
\LAFITE.EXPUNGE.PROC \LAFITE.FIND \LAFITE.FIND.AGAIN \LAFITE.FIND.RELATED
\LAFITE.FIND.RELATED.BACKWARD \LAFITE.FORWARD \LAFITE.GC.FOLDERS \LAFITE.GETMAIL
\LAFITE.GETMAIL.FROM.ICON \LAFITE.GLOBAL.INIT \LAFITE.GO.TO.FIRST \LAFITE.GO.TO.INTERACTIVE
\LAFITE.GO.TO.LAST \LAFITE.HARDCOPY \LAFITE.HARDCOPY.FROM.DISPLAY \LAFITE.HARDCOPYONLY.PROC
\LAFITE.LOGIN.NORESTART \LAFITE.MERGE.FOLDERS \LAFITE.MERGE.NAMELISTS \LAFITE.MERGE.STRUCTURES
\LAFITE.MESSAGEFORM \LAFITE.MOVETO \LAFITE.NOTICE.FOLDERS \LAFITE.QUIT \LAFITE.QUIT
\LAFITE.REAUTHENTICATE \LAFITE.REHIDE.HEADERS \LAFITE.RENAME.FOLDER \LAFITE.RESTART
\LAFITE.RESTORE.MOVE.MENU \LAFITE.SET.DEFAULT.LOOKS \LAFITE.SET.FIXED.LOOKS
\LAFITE.SET.LOOKS.FROM.MENU \LAFITE.SORT.BY.DATE.REGION \LAFITE.UNCACHE.FOLDER
\LAFITE.UNCACHE.MESSAGEFORM \LAFITE.UNDELETE \LAFITE.UNHIDE.HEADERS \LAFITE.UPDATE
\LAFITE.UPDATE.PROC \LAFITE.UPDATE.PROC \MAILOBJ.EXPAND \MAILOBJ.FB \MAILOBJ.HARDCOPY
\MAILOBJ.INIT \MAILOBJ.PUT.FILE \MAILOBJ.VIEW \NS.READ.ENVELOPE.ITEM \NS.WRITE.ENVELOPE.ITEM
\NSMAIL.AUTHENTICATE \NSMAIL.LOGIN \NSMAIL.MAKEANSWERFORM \NSMAIL.MESSAGE.FROM.SELF.P
\NSMAIL.MESSAGE.P \NSMAIL.SEND \NSMAIL.SEND.PARSE \SENDMSG.CHANGE.MODE \SENDMSG.DELIVER
\SENDMSG.SAVE.FORM))
```

(RPAQQ LAFITE.PROGRAMMER.ENTRIES

```
(LAFITEDEFAULTHOST&DIR LOAD-LAFITE LAFITE.SENDMESSAGE BUILD.LAFITE.LAYOUTS
LAB.SELECTED.MESSAGES LAFITE.DELETE.MESSAGES LAFITE.MOVE.MESSAGES
LAFITE.HARDCOPY.MESSAGES LAFITE.OBTAIN.FOLDER MAILSCAVENGE MS.EXPAND
GV.READTOC GV.WRITETOC GV.DELETEMESSAGE))
```

```
(DEFCOMMAND (WHONOTLAFITE :HISTORY) NIL ' ((CL:SET-DIFFERENCE (CL:SET-DIFFERENCE (%. WHO ON ANY IN LAFITEFILES IS
NOT CALLED)
LAFITE.CALLED.FROM.LITERALS)
LAFITE.PROGRAMMER.ENTRIES)))
```

```
(DEFCOMMAND (CHECKLAFITE :HISTORY) NIL ' [(FOR FILE IN LAFITEFILES DO (EVAL `(% . CHECK ,FILE))
```

```
(DECLARE%: DONTVAL@COMPILE
```

```
(SETTEMPLATE 'WINDOWPROP '(EVAL PROP EVAL . PPE))
```

```
(SETTEMPLATE 'WINDOWADDPROP '(EVAL PROP EVAL EVAL . PPE))
```

```
(SETTEMPLATE 'WINDOWDELPROP '(EVAL PROP EVAL . PPE))
```

```
(SETTEMPLATE 'PROCESSPROP '(EVAL PROP EVAL . PPE))
```

```
(SETTEMPLATE 'TEXTPROP '(EVAL PROP EVAL . PPE))
```

)

CONSTANT INDEX

DELETEDFLAG3	LAS.FLUSHED4	UNDELETEDFLAG3	\SHRINK.MENU.BIT4
DUPLICATEMARK3	LAS.LOGGED.OUT4	UNSEENFLAG3	\SORT.MENU.BIT4
LAFITEBASICSTAMPLength ..3	LAS.OUT.OF.DATE4	\CLOSE.MENU.BIT4	\TOC.MENU.BIT4
LAFITESTAMPLength3	LAS.PARSING4	\EXPUNGE&SORT.MENU.BIT ..4	\UPDATE.MENU.BIT4
LAFITETOCHEADERLENGTH ...4	LAS.READY4	\EXPUNGE.MENU.BIT4	
LAFITETOCPASSWORD4	SEENFLAG3	\HARDCOPY.MENU.BIT4	

RECORD INDEX

DEFAULTHOST&DIR3	LAFITEMSG1	MAILSERVER3	OUTBOX3
FOLDERGROUP3	LAFITEOPS1	MAILSERVEROPS3	PROFILEVAR3
LAFITEMODEDATA1	MAILFOLDER2	OPENEDMAILBOX3	

MACRO INDEX

.LAFITEMENU5	FIXPOUT5	NTHMESSAGE5	UNSEENMARKP5
FIXPIN4	MAYBEVERIFYSMSG5	UCASECODE5	WORDOUT5

VARIABLE INDEX

LAFITE.CALLED.FROM.LITERALS6	LAFITE.PROGRAMMER.ENTRIES6
LAFITE.PROCLAMATIONS5	LAFITEGLOBALS5

TEMPLATE INDEX

PROCESSPROP6	TEXTPROP6	WINDOWADDPROP6	WINDOWDELPROP6	WINDOWPROP6
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COMMAND INDEX

CHECKLAFITE6	WHONOTLAFITE6
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I.S.OPR INDEX

SELECTEDIN4
