```
;;
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(RPAQQ LAFITEPRIVATEDLCOMS
       ((* * LAFITEDL.EXT is the default extension for dl files when no extension is specified)
        (* * LAFITEDLDIRECTORIES is a list of directories to be searched after the connected directory and the
          LAFITEDEFAULTHOST&DIR in order to locate a dl file when no host or directory is specified)
        (INITVARS (LAFITEDL.EXT 'DL)
              (LAFITEDLDIRECTORIES NIL))
        (* * no functions are user callable)
        (FNS \GV.PARSERECIPIENTS1 \GV.PARSE.PRIVATE.DISTRIBUTION.LIST)
        (* Lafite's readtable for parsing addresses needs to have CR as a SEPRCHAR so that lines from a text
          file can all be parsed at once. This has no effect on normal operation since before private dls no CR
          was ever passed to the parser)
        (P (SETSYNTAX (CHARCODE CR)
               'SEPRCHAR ADDRESSPARSERRDTBL))))
```

(* * LAFITEDL.EXT is the default extension for dl files when no extension is specified)

(* * LAFITEDLDIRECTORIES is a list of directories to be searched after the connected directory and the
LAFITEDEFAULTHOST&DIR in order to locate a dl file when no host or directory is specified)

```
(RPAQ? LAFITEDL.EXT 'DL)

(RPAQ? LAFITEDLDIRECTORIES NIL)
```

(* * no functions are user callable)

```
(DEFINEQ
```

### (\GV.PARSERECIPIENTS1
```
  [LAMBDA (FIELD REGISTRY INTERNALFLG EDITWINDOW)                        (* N.H.Briggs "19-Jan-87 23:44")

;;; INTERNALFLG = T means produce addresses to give Grapevine;  NIL means give human-readable addresses

    (PROG (FIELDSTREAM ADDRESSES ADDR TOKEN)
          (COND
            ((NULL FIELD)
             (RETURN)))
          (SETQ FIELDSTREAM (if (STRINGP FIELD)
                                then (OPENSTRINGSTREAM FIELD)
                                else                                ; FIELD should already be an open stream
                                     FIELD))
          [SETFILEINFO FIELDSTREAM 'ENDOFSTREAMOP (FUNCTION (LAMBDA (STREAM)
                                                            ; Terminate anything in progress
                                                    (SELECTQ (STREAMPROP STREAM 'EOFCOUNT)
                                                        (NIL
                                                            ; First try terminating with comma
                                                            (STREAMPROP STREAM 'EOFCOUNT 1)
                                                            (CHARCODE %,))
                                                        (1
                                                            ; Must be something unbalanced.  Try closing a paren
                                                            (STREAMPROP STREAM 'EOFCOUNT 2)
                                                            (CHARCODE %)))
                                                        (2
                                                            ; Still unbalanced, must have been a string
                                                            (STREAMPROP STREAM 'EOFCOUNT 3)
                                                            (CHARCODE %"))
                                                        (HELP]
          (OR REGISTRY (SETQ REGISTRY DEFAULTREGISTRY))
          ;; first just collect all the atoms using a special readtable
          (SETQ ADDRESSES (when (SETQ ADDR (until (OR (EOFP FIELDSTREAM)
                                                      (EQ (SETQ TOKEN (READ FIELDSTREAM ADDRESSPARSERRDTBL))
                                                          '%,))
                                              when (PROGN          ; Lists are comments
                                                         (NLISTP TOKEN))
                                              collect TOKEN))
                              collect ADDR repeatuntil (EOFP FIELDSTREAM)))
          [SELECTQ (STREAMPROP FIELDSTREAM 'EOFCOUNT)
              ((NIL 1)                                             ; Okay
                  )
              (COND
```

```
                [EDITWINDOW (\SENDMESSAGEFAIL EDITWINDOW (if (STRINGP FIELD)
                                                            then "Malformed address(es): "
                                                            else (CONCAT "Malformed address(es) [in "
                                                                         (FULLNAME FIELDSTREAM)
                                                                         "]: "))
                            (COND
                               ((EQ (STREAMPROP FIELDSTREAM 'EOFCOUNT)
                                    2)
                                "Unbalanced parentheses")
                               (T "Unbalanced quotes"]
                (T (RETURN (CONS]
          (RETURN (for ADDRESS in ADDRESSES bind REALADDRESS VALIDRECIPIENT CLOSE OPEN
                     join (if (AND (EQ (CADR ADDRESS)
                                       '%:)
                                   (NULL (CDDDR ADDRESS))
                               (EQ (CADDR ADDRESS)
                                   ';))
                            then ;; it's a private dl --- foo:;

                                 (\GV.PARSE.PRIVATE.DISTRIBUTION.LIST ADDRESS REGISTRY INTERNALFLG EDITWINDOW)
                            else ;; ADDRESS will only get rebound if there is an address with <>'s in it

                                 (SETQ VALIDRECIPIENT (\GV.PARSE.SINGLE.ADDRESS (COND
                                                                                   ([AND (SETQ OPEN
                                                                                           (FMEMB '< ADDRESS))
                                                                                         (SETQ CLOSE
                                                                                           (FMEMB '> (CDR OPEN]
                                                                                    (SETQ REALADDRESS
                                                                                      (LDIFF (CDR OPEN)
                                                                                             CLOSE)))
                                                                                   (T ADDRESS))
                                                                               REGISTRY INTERNALFLG EDITWINDOW))
                                 (LIST (COND
                                          ((OR T INTERNALFLG (NULL REALADDRESS))
                                           VALIDRECIPIENT)
                                          (T ;; Need to figure out how to make GETREGISTRY of this work, and remove duplicates in
                                             ;; MAKEANSWERFORM before we can enable this

                                             (\GV.REPACKADDRESS (APPEND (LDIFF ADDRESS OPEN)
                                                                        (LIST '< VALIDRECIPIENT '>)
                                                                        (CDR CLOSE])
```

## (\\**GV.PARSE.PRIVATE.DISTRIBUTION.LIST**

```
  [LAMBDA (DL REGISTRY INTERNALFLG EDITWINDOW)                     (* N.H.Briggs "19-Jan-87 23:45")
    (LET* [(FILENAME (FINDFILE (PACKFILENAME.STRING 'BODY (CAR DL)
                                      'EXTENSION LAFITEDL.EXT)
                               T
                               (CONS LAFITEDEFAULTHOST&DIR LAFITEDLDIRECTORIES)))
           (STREAM (AND FILENAME (CAR (NLSETQ (OPENTEXTSTREAM (OPENSTREAM FILENAME 'INPUT 'OLD]
      (if (NOT STREAM)
          then (if EDITWINDOW
                   then (\SENDMESSAGEFAIL EDITWINDOW (CONCAT "Can't open dl file " (CAR DL)))
                 else (PROMPTPRINT "Can't open dl file " (CAR DL)))
               (CONS)
        else (if INTERNALFLG
                 then (PROG1 (\GV.PARSERECIPIENTS1 STREAM REGISTRY INTERNALFLG EDITWINDOW)
                             (CLOSEF? STREAM))
               else (CLOSEF STREAM)
                    (LIST (\GV.REPACKADDRESS DL])
  )


          (* * Lafite's readtable for parsing addresses needs to have CR as a SEPRCHAR so that lines from a text file can all be
          parsed at once. This has no effect on normal operation since before private dls no CR was ever passed to the parser)

(SETSYNTAX (CHARCODE CR)
        'SEPRCHAR ADDRESSPARSERRDTBL)
```

## FUNCTION INDEX

## VARIABLE INDEX