

File created: 27-Nov-90 10:25:47 {PALLAS:MV:ENVOS}<LISPARS>ADMIN>ARADMIN.;32

changes to: (VARS ARADMINCOMS)  
(FNS |Smart-Trickle|)  
(FUNCTIONS START-EMULATOR-TRICKLES START-NOTECARDS-TRICKLES START-LISPCORE-TRICKLES  
RESTART-TRICKLES)

previous date: 26-Nov-90 12:25:05 {PALLAS:MV:ENVOS}<LISPARS>ADMIN>ARADMIN.;31

Read Table: XCL

Package: INTERLISP

Format: XCCS

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(RPAQQ **ARADMINCOMS**

:: Functions for helping do the routine chores of AR Administration. Set up to run things automatically.

```
(VARS (IDLE.PROFILE ' (TIMEOUT NIL FORGET NIL ALLOWED.LOGINS NIL DISPLAYFN (LAMBDA (W)
                                                    (IDLE.BOUNCING.BOX
                                                      W "Auto AR Cleanup
                                                      Machine"))))

      (IDLE.TIMEOUT NIL)
      (IDLE.DEFAULTMODE 'UNLOCKED))
(ADDVARS (INITIALSLST (SYBALSKY |John| |jds|)))
(VARS (LOGINHOST/DIR ' |{AR:MV:ENVOS}<LISPARS>ADMIN>|)
      (SYSOUTGAG T)
      (PROMPT#FLG T)
      (DEFAULTREGISTRY ' |envos|)
      (CH.DEFAULT.DOMAIN 'MV)
      (CH.DEFAULT.ORGANIZATION 'ENVOS)
      (DIRECTORIES ' (" {DSK}/USR/LOCAL/LDE/LISPCORE/SOURCES/" " {DSK}/USR/LOCAL/LDE/LISPCORE/LIBRARY/"
                    " {DSK}/USR/LOCAL/LDE/LISPCORE/INTERNAL/LIBRARY/"
                    " {DSK}/USR/LOCAL/LDE/LISPUSERS/" " {DSK}<usr>local>lde>rooms>sources>"
                    " {DSK}<usr>local>lde>rooms>users-src>" {DSK}))
      (DISPLAYFONTDIRECTORIES ' (" {DSK}/usr/local/lde/fonts/display/publishing/"
                                " {DSK}/usr/local/lde/fonts/display/presentation/"
                                " {DSK}/usr/local/lde/lispcore/XeroxPrivate/Fonts"
                                " {DSK}/usr/local/lde/fonts/display/chinese/"
                                " {DSK}/usr/local/lde/fonts/display/JIS1/"
                                " {DSK}/usr/local/lde/fonts/display/JIS2/"
                                " {DSK}/usr/local/lde/fonts/display/miscellaneous/"
                                " {DSK}/usr/local/lde/fonts/display/printwheel/")
      (DISPLAYFONTEXTENSIONS ' (AC DISPLAYFONT STRIKE))
      (INTERPRESSFONTDIRECTORIES ' (" {DSK}/usr/local/lde/fonts/interpress/publishing/"
                                    " {DSK}/usr/local/lde/fonts/interpress/presentation/"
                                    " {DSK}/usr/local/lde/lispcore/XeroxPrivate/Fonts"
                                    " {DSK}/usr/local/lde/fonts/interpress/chinese/"
                                    " {DSK}/usr/local/lde/fonts/interpress/JIS1/"
                                    " {DSK}/usr/local/lde/fonts/interpress/JIS2/"
                                    " {DSK}/usr/local/lde/fonts/interpress/miscellaneous/"
                                    " {DSK}/usr/local/lde/fonts/interpress/printwheel/")
      (DEFAULTPRINTINGHOST ' ("Twister:" "Tremor:"))

;;
;; Tools to load
;;
(DECLARE\ : DONTEVAL@LOAD DOCOPY (FILES PROMPTREMINDERS CROCK WHO-LINE FILEWATCH)
          (P (LAFITEMODE 'NS)
             (LOGOW "AR & Trickle")
             (CROCK (CREATEREGION 900 800 100 100))))

;;
;; The AR stuff
;;
;; Every other day AR.CLEANUP to create new summaries &c
;;
(FNS PERIODIC-AR-CLEANUP DO-PERIODIC-AR-CLEANUP)
;; Weekly creation of the list of ARs to review.
(FNS PERIODIC-AR-REVIEW DO-WEEKLY-AR-REVIEW)
(FNS MY-FLOOR)
(DECLARE\ : DONTEVAL@LOAD DOCOPY (FILES ARCLEANUP ARHACK)
          (VARS (STARTING-MONDAY (IDATE "5-DEC-88 07:00:00")
                (ONE-WEEK 604800)
                (ONE-DAY 86400))
          (P (PERIODIC-AR-CLEANUP 24)
             (PERIODIC-AR-REVIEW)))

;;
;; The trickle stuff
;;
```

```
(FUNCTIONS RESTART-TRICKLES START-EMULATOR-TRICKLES START-NOTECARDS-TRICKLES START-LISPCORE-TRICKLES
FILE-SERVER-UPP)
(FNS |Smart-Identifier| |Smart-Trickle| |TrickleProcessLogfile|)
(DECLARE\ : DONTEVAL@LOAD DOCOPY (FILES (SYSLOAD)
PROMPTREMINDERS COPYFILES)
(INITVARS (*FUJI-TRICKLE-MAIL-ADDRESS* "AR-MANAGERS:MV:envos, Shunko Inoue:KSPA:Fuji Xerox"))
;; Start the Trickle Stuff
(P (START-EMULATOR-TRICKLES)
(START-LISPCORE-TRICKLES)
(START-NOTECARDS-TRICKLES))))
```

;; Functions for helping do the routine chores of AR Administration. Set up to run things automatically.

```
(RPAQQ IDLE.PROFILE (TIMEOUT NIL FORGET NIL ALLOWED.LOGINS NIL DISPLAYFN (LAMBDA (W)
(IDLE.BOUNCING.BOX W "Auto AR
Cleanup Machine"))))
```

```
(RPAQQ IDLE.TIMEOUT NIL)
```

```
(RPAQQ IDLE.DEFAULTMODE UNLOCKED)
```

```
(ADDTOVAR INITIALSLST (SYBALSKY |John| |jds|))
```

```
(RPAQQ LOGINHOST/DIR |{AR:MV:ENVOS}<LISPARS>ADMIN>|)
```

```
(RPAQQ SYSOUTGAG T)
```

```
(RPAQQ PROMPT#FLG T)
```

```
(RPAQQ DEFAULTREGISTRY |envos|)
```

```
(RPAQQ CH.DEFAULT.DOMAIN MV)
```

```
(RPAQQ CH.DEFAULT.ORGANIZATION ENVOS)
```

```
(RPAQQ DIRECTORIES (" {DSK}/USR/LOCAL/LDE/LISPCORE/SOURCES/" "{DSK}/USR/LOCAL/LDE/LISPCORE/LIBRARY/"
"{DSK}/USR/LOCAL/LDE/LISPCORE/INTERNAL/LIBRARY/" "{DSK}/USR/LOCAL/LDE/LISPUSERS/"
"{DSK}<usr>local>lde>rooms>sources>" "{DSK}<usr>local>lde>rooms>users-src>" {DSK}))
```

```
(RPAQQ DISPLAYFONTDIRECTORIES (" {DSK}/usr/local/lde/fonts/display/publishing/"
"{DSK}/usr/local/lde/fonts/display/presentation/"
"{DSK}/usr/local/lde/lispcore/XeroxPrivate/Fonts"
"{DSK}/usr/local/lde/fonts/display/chinese/"
"{DSK}/usr/local/lde/fonts/display/JIS1/"
"{DSK}/usr/local/lde/fonts/display/JIS2/"
"{DSK}/usr/local/lde/fonts/display/miscellaneous/"
"{DSK}/usr/local/lde/fonts/display/printwheel/"))
```

```
(RPAQQ DISPLAYFONTEXTENSIONS (AC DISPLAYFONT STRIKE))
```

```
(RPAQQ INTERPRESSFONTDIRECTORIES (" {DSK}/usr/local/lde/fonts/interpress/publishing/"
"{DSK}/usr/local/lde/fonts/interpress/presentation/"
"{DSK}/usr/local/lde/lispcore/XeroxPrivate/Fonts"
"{DSK}/usr/local/lde/fonts/interpress/chinese/"
"{DSK}/usr/local/lde/fonts/interpress/JIS1/"
"{DSK}/usr/local/lde/fonts/interpress/JIS2/"
"{DSK}/usr/local/lde/fonts/interpress/miscellaneous/"
"{DSK}/usr/local/lde/fonts/interpress/printwheel/"))
```

```
(RPAQQ DEFAULTPRINTINGHOST ("Twister:" "Tremor:"))
```

```
;;
;;
;; Tools to load
;;
```

```
(DECLARE\ : DONTEVAL@LOAD DOCOPY
(FILESLoad PROMPTREMINDERS CROCK WHO-LINE FILEWATCH)
(LAFITEMODE 'NS)
(LOGOW "AR & Trickle")
(CROCK (CREATEREGION 900 800 100 100))
)
```

```
;;
;; The AR stuff
;;
;; Every other day AR.CLEANUP to create new summaries &c
;;
```





```
(SETREMINDER NIL NIL `(|Smart-Trickle| "{DSK}<users>maiko>working>inc>*" "{Fuusen:KSPA:Fuji
Xerox}<Venue>Emul>working>inc>*" "{DSK}<python>medley-trickles/emulator/inc-
,*FUJI-TRICKLE-MAIL-ADDRESS* "07:00" NIL NIL)
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{DSK}<users>maiko>working>bin>*" "{Fuusen:KSPA:Fuji
Xerox}<Venue>Emul>working>bin>*" "{DSK}<python>medley-trickles/emulator/bin-
,*FUJI-TRICKLE-MAIL-ADDRESS* "08:00" NIL NIL)
(TIMES 60 (RAND 10 60)))
```

(CL:DEFUN **START-NOTECARDS-TRICKLES** ())

;;

;; Setup all the NoteCards Core Trickle

;;

```
(SETREMINDER NIL NIL `(|Smart-Trickle| "{Pika:MV:ENVOS}<NoteCards>system>*"
"{DSK}/usr/local/lde/lispcore/notecards/system/*"
"{DSK}/python/medley-trickles/notecards/system-" "SA" "20:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{Pika:MV:ENVOS}<NoteCards>library>*"
"{DSK}/usr/local/lde/lispcore/notecards/library/*"
"{DSK}/python/medley-trickles/notecards/library-" "SA" "23:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{Pika:MV:ENVOS}<NoteCards>lispusers>*"
"{DSK}/usr/local/lde/lispcore/notecards/lispusers/*"
"{DSK}/python/medley-trickles/notecards/lispusers-" "SA" "23:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{Pika:MV:ENVOS}<NoteCards>internal>*"
"{DSK}/usr/local/lde/lispcore/notecards/internal/*"
"{DSK}/python/medley-trickles/notecards/internal-" "SA" "23:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{Pika:MV:ENVOS}<NoteCards>tools>*"
"{DSK}/usr/local/lde/lispcore/notecards/tools/*"
"{DSK}/python/medley-trickles/notecards/tools-" "SA" "23:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{Pika:MV:ENVOS}<NoteCards>patches>*"
"{DSK}/usr/local/lde/lispcore/notecards/patches/*"
"{DSK}/python/medley-trickles/notecards/patches-" "SA" "23:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
```

(CL:DEFUN **START-LISPCORE-TRICKLES** ())

;;

;; Set up all the Lispcore trickles

;;

```
(SETREMINDER NIL NIL `(|Smart-Trickle| "{PELE:MV:ENVOS}<LISPCORE>SOURCES>*"
"{dsk}/usr/local/lde/lispcore/sources/*"
"{DSK}/python/medley-trickles/lispcore/sources-" "SA" "00:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{PELE:MV:ENVOS}<LISPCORE>LIBRARY>*"
"{dsk}/usr/local/lde/lispcore/library/*"
"{DSK}/python/medley-trickles/lispcore/library-" "SA" "04:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{PELE:MV:ENVOS}<LISPCORE>INTERNAL>LIBRARY>*"
"{dsk}/usr/local/lde/lispcore/internal/library/*"
"{DSK}/python/medley-trickles/lispcore/internal-library-" "SA" "06:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
(SETREMINDER NIL NIL `(|Smart-Trickle| "{PELE:MV:ENVOS}<LISPCORE>INTERNAL>DOC>*"
"{DSK}/usr/local/lde/lispcore/internal/doc/*"
"{DSK}/python/medley-trickles/lispcore/internal-doc-" "SA" "07:00" T
'(STATUS DATABASE))
(TIMES 60 (RAND 10 60)))
```

(CL:DEFUN **FILE-SERVER-UPP** (SERVER &KEY (MESSAGE NIL MESSAGEP) (TIMEOUT 30))

;; Checks for a certain period of time if server is up. It will try to find a directory specific for the type of server.

```
(CL:BLOCK FILE-SERVER-UP-P
(CL:UNLESS (NULL SERVER)
(LET* ((DIRECTORYNAME (COND
```

```

((CL:SEARCH ":" SERVER) ; This is an NS-server
 "DESKTOPS")
((CL:SEARCH "/" SERVER) ; This is an NFS-server
 "/")
((AND (EQL (MACHINETYPE)
 'MAIKO)
 (OR (STRING-EQUAL SERVER "DSK")
 (STRING-EQUAL SERVER "UNIX"))))
 ; This should be local disk
"/")
(T ; Assume it is an IFS-server
 "SYSTEM"))
(PROCESS-RESULT (CONS))
(PROCESS-HANDLE (ADD.PROCESS ` (COND
 ((DIRECTORYNAMEP ,DIRECTORYNAME ,SERVER)
 (RPLACA ',PROCESS-RESULT T)))
 'NAME "file-server-upp"))
(DISMISS 500)
(|forDuration| TIMEOUT |timerUnits| 'SECONDS |until| (CAR PROCESS-RESULT) |do| (DISMISS 500)
 |finally| (DEL.PROCESS PROCESS-HANDLE))
(CL:IF (CAR PROCESS-RESULT)
 T
 (CL:WHEN MESSAGEP
 (CL:FORMAT T ">>~%>> ~A but server ~A is down ~%>>~%" MESSAGE SERVER)
 (MENU (CREATE MENU
 TITLE _ (CL:CONCATENATE 'STRING " Server " (STRING SERVER)
 " is down ")
 ITEMS _ ' ((WAIT T "Wait until server is up")
 (CONDITIONS:CONTINUE NIL "Continue to load the rest"))
 CENTERFLG _ T))))))

```

(DEFINEQ

(|Smart-Identifier|

```

(LAMBDA (|Source| |Destination| ; Edited 22-Oct-90 17:27 by gadener
 ;; Will return a string composed of <Common-Directories>-<Source-Host>-to-<Destination-Host> if there is a common denominator between the
 ;; two, otherwise the Common-Directories will consist of the Source-Directory
(LET* (( |Src-Host| (FILENAMEFIELD |Source| 'HOST))
 ( |Dst-Host| (FILENAMEFIELD |Destination| 'HOST))
 ( |Src-Dir| (STRING (U-CASE (FILENAMEFIELD |Source| 'DIRECTORY))))
 ( |Dst-Dir| (STRING (U-CASE (FILENAMEFIELD |Destination| 'DIRECTORY))))
 ( |Common-point| (CL:MISMATCH |Src-Dir| |Dst-Dir| :TEST 'STRING-EQUAL :FROM-END T)))
 (CONCAT (IF (OR (NULL |Common-point|)
 (EQL (CL:LENGTH |Src-Dir|)
 |Common-point|))
 THEN ;; Could not find a common denominator, just return the Src-Dir
 |Src-Dir|
 ELSE ;; Just Return the common part, Should be the common directory part.
 (CL:SUBSEQ |Src-Dir| |Common-point|))
 "-" |Src-Host| " to " |Dst-Host|))))

```

(|Smart-Trickle|

```

(LAMBDA (|Source| |Destination| |RootLogfileName| |MailAddress| |ScheduleAnotherOne| |DontReplaceOldVersions|
 |DontCopyExtensions| |Retries| ; Edited 27-Nov-90 10:13 by automgr

```

;;; The Smart-Trickle will first check to see that the file-server of both the Source and Destination are up and running before trying to copy files between them. If either is down, it will retry every 15 minutes up to four times before giving up. If it fails to connect and ScheduleAnotherOne has a value other than (), then it will reschedule for that time, 24 hrs later. If a server is playing hard to catch, FILE-SERVER-UP-P will try harder (wait longer) for each time around. .

```

(LET ((RETRY-TIMES 4) ; How many retries.
 (RETRY-PERIOD 15) ; How many minutes between retries
 (TIMEOUT-PERIOD 60) ; Give up on fileserver after multiples of this period (seconds)
 (|Identifier| (|Smart-Identifier| |Source| |Destination|))
 (|DateString| |LogfileName|)
 (IF (NOT (AND (OR |Retries| (SETQ |Retries| RETRY-TIMES))
 ; This is the first time around
 (FILE-SERVER-UPP (STRING (FILENAMEFIELD |Source| 'HOST))
 :TIMEOUT
 (CL:* (+ (- RETRY-TIMES |Retries|)
 1)
 TIMEOUT-PERIOD))
 (FILE-SERVER-UPP (STRING (FILENAMEFIELD |Destination| 'HOST))
 :TIMEOUT
 (CL:* (+ (- RETRY-TIMES |Retries|)
 1)
 TIMEOUT-PERIOD))))))
 THEN ;; At least one of the servers is not up, reschedule a new Smart-trickle to try again in 15 minutes , more correctly , the value of
 ;; RETRY-PERIOD
 (IF (> |Retries| 0)
 THEN ;; Just Retry

```

```

      (SETREMINDER (MKATOM (CONCAT "Retry-" |Identifier| "-" (GENSYM)))
        NIL
        `(|Smart-Trickle| , |Source| , |Destination| , |RootLogfileName| , |MailAddress|
          , |ScheduleAnotherOne|
          , |DontReplaceOldVersions|
          , |DontCopyExtensions|
          , (- |Retries| 1))
        (GDATE (PLUS (IDATE)
          (TIMES 60 RETRY-PERIOD))))
ELSE ;; Could not connect to either, or both of the servers after retrying several times.
  (PRINTOUT PROMPTWINDOW "Trickle: Tried to connect to " (FILENAMEFIELD |Source|
    'HOST)
    " and "
    (FILENAMEFIELD |Destination| 'HOST)
    " , but one or both, are down!" T (IF |ScheduleAnotherOne|
      THEN "Rescheduling another TRICKLE for
        tomorrow!"))
  ;; Will reschedule another one for tomorrow
  (IF |ScheduleAnotherOne|
    THEN (SETREMINDER (MKATOM (CONCAT |Identifier| "-" (GENSYM)))
      NIL
      `(|Smart-Trickle| , |Source| , |Destination| , |RootLogfileName|
        , |MailAddress|
        , |ScheduleAnotherOne|
        , |DontReplaceOldVersions|
        , |DontCopyExtensions|)
      (CONCAT (SUBSTRING (GDATE (PLUS (IDATE)
        (TIMES 60 60 24)))
          1 10)
        (IF (EQ |ScheduleAnotherOne| T)
          THEN (CONCAT (RAND 1 5)
            ":"
            (RAND 0 59))
          ELSE |ScheduleAnotherOne|))))
  ;; Send a message about this
  (IF (AND (\\CH.FIND.ORG.SERVER 'ENVO$ T)
    (GETD 'LAFITEMODE)
    (GETD 'LAFITE.SENDMESSAGE)
    (OR (EQL (LAFITEMODE)
      'NS)
      (MEMBER (LAFITEMODE)
        'NS)))
    THEN (LAFITE.SENDMESSAGE (CONCAT "To: " "AR-MANAGERS:MV:ENVO$ " "
      Subject: Trickle had trouble accessing servers." "
      Format: Text

      Trickle tried to access:

      " (FILENAMEFIELD |Source| 'HOST)
      " and "
      (FILENAMEFIELD |Destination| 'HOST)
      "

      several times, but gave up at "
      (DATE)
      " ; one of the servers, or both, were down!" "

      Source      : " |Source| "
      Destination : " |Destination|
      (IF |ScheduleAnotherOne|
        THEN "

          Rescheduling another TRICKLE for
          tomorrow!")
      "

      <-- Greetings from your friendly Trickler -->" "
      ))))
ELSE ;; OK, servers were up, run the Trickler.
  (SETQ |DateString| (DATE (DATEFORMAT SPACES NUMBER.OF.MONTH NO.TIME)))
  (SETQ |LogfileName| (PACK* (OR |RootLogfileName| '|{UNIX}<tmp>Trickle-log-|)
    (SUBSTRING |DateString| 7 8)
    (SUBSTRING |DateString| 4 5)
    (SUBSTRING |DateString| 1 2)
    '.COPYLOG))
  (IF (EQ '\ (NTHCHAR |LogfileName| -10))
    THEN (SETQ |LogfileName| (MKATOM (RPLSTRING |LogfileName| -10 "0"))))
  ;; ensure that the logfile has one line per file operated on
  (RESETVAR FILELINELENGTH 1000 (COPYFILES |Source| |Destination|
    (APPEND (LIST '>A (LIST 'OUTPUT |LogfileName|))
      (|if| (NULL |DontReplaceOldVersions|)
        |then| (LIST 'REPLACE))
    ))

```

```

                                (|if| |DontCopyExtensions|
                                |then| `((DONTCOPY ,@|DontCopyExtensions|))))
(|TrickleProcessLogfile| |LogfileName| |MailAddress| |Identifier|)
;; Will reschedule another trickle for tomorrow
(IF |ScheduleAnotherOne|
  THEN (SETREMINDER (MKATOM (CONCAT |Identifier| "-" (GENSYM)))
        NIL
        `(|Smart-Trickle| ,|Source| ,|Destination| ,|RootLogfileName| ,|MailAddress|
          ,|ScheduleAnotherOne|
          ,|DontReplaceOldVersions|
          ,|DontCopyExtensions|)
        (CONCAT (SUBSTRING (GDATE (PLUS (IDATE)
                                         1 10)
                               (TIMES 60 60 24)))
                  (IF (EQ |ScheduleAnotherOne| T)
                      THEN (CONCAT (RAND 1 5)
                                     ":"
                                     (RAND 0 59))
                      ELSE |ScheduleAnotherOne|))))))

```

**(TrickleProcessLogfile**

; Edited 22-Oct-90 18:20 by gadener

```

(LAMBDA (|LogfileName| |MailAddress| |Identifier|)
  (PROG ((|LogfileStream| (OPENTEXTSTREAM |LogfileName|))
        |EndsOfLines|
        (|NewLine| (CHARACTER (CHARCODE EOL)))
        |EndOfLine| |Deletions| |FailedP|)
    (IF (ZEROP (GETEOFPTR |LogfileStream|))
      THEN ;; Probably an error, people usually don't Trickle empty directories
        (IF |MailAddress|
          THEN (TEDIT.INSERT |LogfileStream| (PACK* "Subject: (Error?) Trickle: " |Identifier|
                                                    |NewLine| "To: " |MailAddress| |NewLine|
                                                    |NewLine|
                                                    1)
                (LAFITE.SENDMESSAGE |LogfileStream|)
                (CLOSEF |LogfileStream|)
                (RETURN)))
          (TEDIT.SETSEL |LogfileStream| 1 1 'LEFT)
          (SETQ |EndsOfLines| (CONS 0 (WHILE (SETQ |EndOfLine| (TEDIT.FIND |LogfileStream| |NewLine|))
                                           COLLECT (TEDIT.SETSEL |LogfileStream| |EndOfLine| 1 'RIGHT)
                                           |EndOfLine|)))
          ;; Find lines with skipped and collect for deletion, TEDIT.FIND is very poor on long files, see AR# 4220
          (FOR |EndOfPreviousLine| |on| |EndsOfLines| BIND |StartOfLine| |EndOfLine|
            EACHTIME (SETQ |StartOfLine| (AND |EndOfPreviousLine| (ADD1 (CAR |EndOfPreviousLine|))))
                    (SETQ |EndOfLine| (CADR |EndOfPreviousLine|))
            WHEN (AND |EndOfLine|
                    ;; This little sequence will always return T. It is used to check if copying of a file failed. It is put here to avoid having to
                    ;; go through the LogFile several times. Once an error was found, don't bother looking at the file any more.
                    (OR (NOT (NULL |FailedP|))
                        (IF (STRPOS "failed" (TEDIT.SEL.AS.STRING |LogfileStream|
                                                                    (TEDIT.SETSEL |LogfileStream| |StartOfLine|
                                                                    (ADD1 (IDIFFERENCE |EndOfLine| |StartOfLine|))))
                            THEN (SETQ |FailedP| T)
                            T)
                        (STRPOS "skipped" (TEDIT.SEL.AS.STRING |LogfileStream| (TEDIT.SETSEL |LogfileStream|
                                                                    |StartOfLine|
                                                                    (ADD1 (IDIFFERENCE
                                                                    |EndOfLine|
                                                                    |StartOfLine|
                                                                    ))))))
                    )))
          DO ;; if this deletion is an extension of the previous one, extend it, otherwise add it to the collection. This collapsing makes the actual
            ;; deletion more efficient, since we expect to keep few of the lines.
            (IF (AND |Deletions| (EQUAL (PLUS (CAAR |Deletions|)
                                             (CDAR |Deletions|))
                                       |StartOfLine|))
              THEN (RPLACD (CAR |Deletions|)
                            (PLUS (CDAR |Deletions|)
                                  (DIFFERENCE |EndOfLine| (CAR |EndOfPreviousLine|))))
              ELSE (push| |Deletions| (CONS |StartOfLine| (DIFFERENCE |EndOfLine| (CAR |EndOfPreviousLine|)
                                                                           )))))
          ;; Collected deletions
          (FOR |Deletion| |in| |Deletions| DO (TEDIT.DELETE |LogfileStream| (CAR |Deletion|)
                                                            (CDR |Deletion|)))
          ;; KLUDGE!. TEDIT.PUT bombs after putting the file if the stream is not associated with a window.
          (NLSETQ (TEDIT.PUT |LogfileStream| |LogfileName| T T))
          ;; Construct a mail message and send it
          (IF |MailAddress|
            THEN (TEDIT.INSERT |LogfileStream|
                              (CONCAT "Subject: " (IF (ZEROP (GETEOFPTR |LogfileStream|))

```



```

                THEN "(Empty) "
                ELSE ""
(IF (NOT (NULL |FailedP|))
    THEN "(Failed) "
    ELSE "")
"Trickle: " |Identifier| |NewLine| "To: " |MailAddress| |NewLine| |NewLine|
(IF (NOT (NULL |FailedP|))
    THEN (CONCAT
        "*****"
        |NewLine| "WARNING! Some of the files where not copied. Please
        check this message," |NewLine| "or the log: " |LogfileName|
        |NewLine|
        "*****"
        |NewLine| |NewLine|)
    ELSE "")
    1)
(LAFITE.SENDMESSAGE |LogfileStream|)
(CLOSEF |LogfileStream|)))
)

(DECLARE\ : DONTEVAL@LOAD DOCOPY

(FILESLoad (SYSLOAD)
    PROMPTREMINDERS COPYFILES)

(RPAQ? *FUJI-TRICKLE-MAIL-ADDRESS* "AR-MANAGERS:MV:envos, Shunko Inoue:KSPA:Fuji Xerox")

(START-EMULATOR-TRICKLES)

(START-LISPCORE-TRICKLES)

(START-NOTECARDS-TRICKLES)
)

(PUTPROPS ARADMIN COPYRIGHT ("Venue" 1990))

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