

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 TrickleS

;;

```
(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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