

(FILECREATED "22-Jun-81 15:39:27" <AFFIRM>BUILD..20 1641

changes to: SystemBuildPart1

previous date: " 5-Sep-80 22:02:56" <AFFIRM>BUILD..19)

(PRETTYCOMPRINT BUILDCOMS)

(RPAQQ BUILDCOMS ((VARS (FONTCHANGEFLG NIL))

[E (COND ((EQ (EVALV (QUOTE FONTCHANGEFLG))

(QUOTE T))

(PRIN1 "..." Resetting FONTCHANGEFLG to NIL. REDO MAKEFILE" T)

(TERPRI T)

(SETQ FONTCHANGEFLG NIL)

(ERROR!)

(FNS " BUILDFNS)))

(RPAQ FONTCHANGEFLG NIL)

(RPAQQ BUILDFNS (SystemBuildPart1 SystemBuildPart2))

(DEFINEQ

(SystemBuildPart1

[LAMBDA NIL (* R.Erickson "22-Jun-81 15:38")

(PROG (LISPXHIST ADDSPELLFLG BUILDMAPFLG)

(GREETHIST +NIL)

(TIGHTGC T)

(MINFS 257 ARRAYP)

(for I in (SWPARRAYP STACKP VCELLP LITATOM FLOATP FIXP STRINGP ATOM.CHARS STRING.CHARS

)

do (MINFS 100 I))

(MINFS 2560 'LISTP)

(INITFONTS 'PARC)

(LOAD 'UTILITY.COM 'SYSLOAD)

(MAKESYSTEM NIL 'YES 'YES)

(NoteFiles (INFILEP 'UTILITY)

T)

(InitializePart1 T))

(forget)

T])

(SystemBuildPart2

[LAMBDA NIL (* R.Bates " 5-Sep-80 22:02")

(PROG (LISPXHIST ADDSPELLFLG BUILDMAPFLG)

(MINFS 200 8)

(CLRHASH CLISPARRAY)

(MAKESYSTEM PV\BASIS\FILES 'NO 'YES)

(CLRHASH CLISPARRAY)

(forget)

(RECLAIM 8)

(TIGHTGC))

(LISPXHISTORY:4+1000)

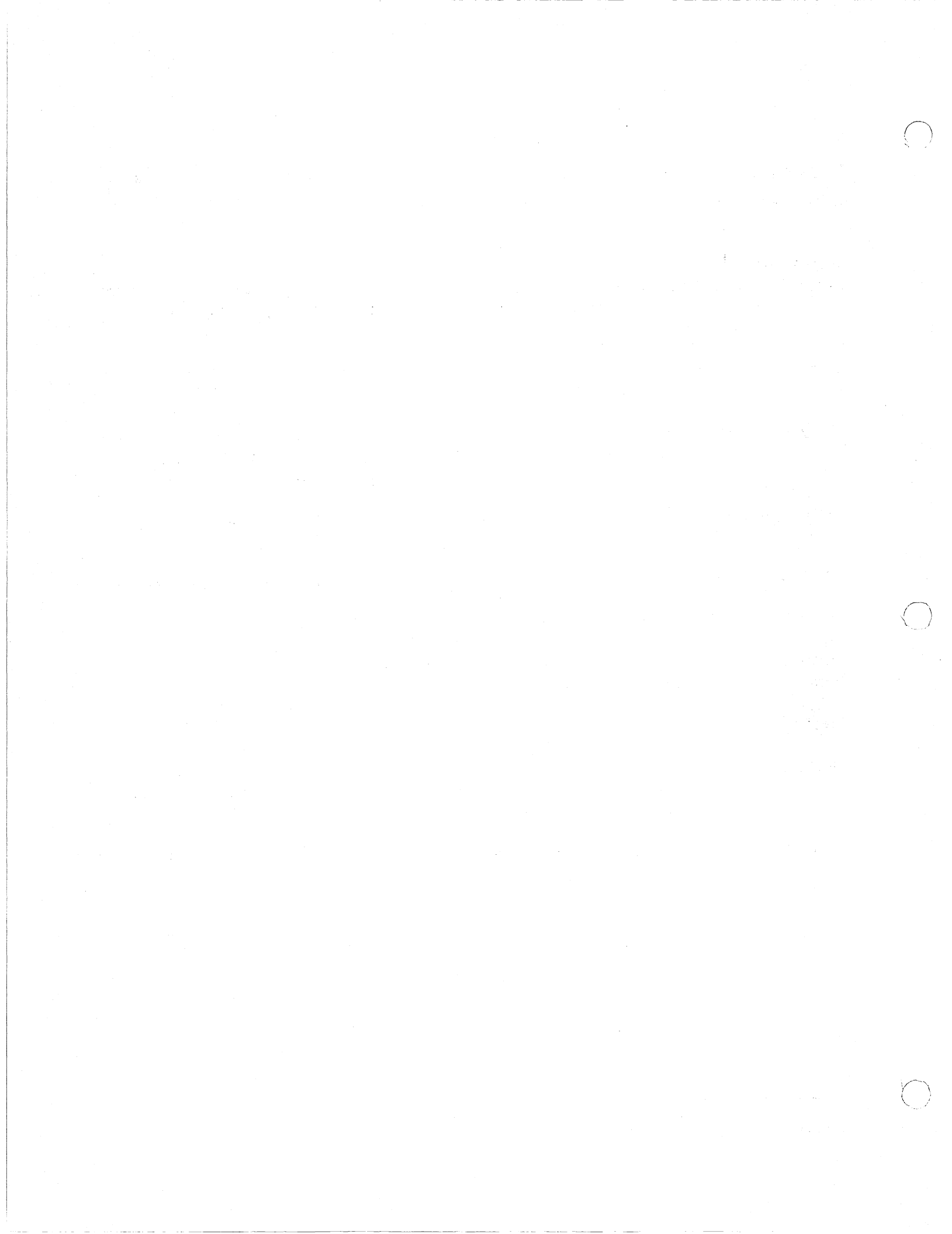
(LISPXHISTORY:2+ LISPXHISTORY:4-1])

)

(DECLARE: DONTCOPY

(FILEMAP (NIL (554 1617 (SystemBuildPart1 566 . 1175) (SystemBuildPart2 1179 . 1614))))))

STOP



VAR.S.MSS.8

This file describes variables, property lists, and other shared data objects in *Affirm*. It's incomplete, but at least provides a repository for such data. Contributions are solicited.

Variables

CurrentContext Reflects the variable declarations of the current type. :OLD of each entry is var. and :NEW an ExpressionWithType record for that variable. *Affirm* versions 121 and before had CAR of x\Interface, but that atom is no longer used.

CurrentType Identifier of the type currently being edited. Some routines assume it is atomic, others use Name(CurrentType)

ReserveWordList List of identifier-like terminals in the *Affirm* grammar, as seen by the parser. Details unknown, *origin unknown*. InitializePart1 used to push {MAX.MIN} onto list: since it seems to be manually generated, that's been done once and for all.

UCaseParseAtomsIdentifiers which should be upper-cased when read by the parser. Contains {TRUE.FALSE} and ReserveWordList. Set by InitializePart1.

UCTLArray Hash array used by UpperCaseToList for case-independent recognition of reserved words by the parser. (For example, {true True TRUE}).

Properties¹

EqualOp[†] Of a function name, gives equality operator for range.

EQOP[†] True if function is an equality operator.

LocalDeclarations[†] Like CurrentContext: carries the variable declarations of the type. See CurrentContext for a note about earlier formats.

UCASE *Obsolete*. Was once used (by ReadAtom in parser) for upper-casing of reserved words.

¹Entries marked with [†] are also record fields

~~Variables
Properties~~

~~Table of Contents~~

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²Entries marked with † are also record fields

0

Q
@get <affirm>affirm.exe
@push
@<lisp>lisp
*(PROG (LISPXHIST ADDSPELLFLG BUILDMAPFLG)
(APPLY 'SETQ 'MKSWARESIZE 0)
=(LOAD 'BUILD.COM 'SYSLOAD]
=(SystemBuildPart1)
=(SystemBuildPart2)
=(AffirmMakesys)
*quit;

Q
@<BATES>CORE
@RESET
@CLOSE
@RENAME <AFFIRM>AFFIRM.EXE XXX.EXE
Q



(FILECREATED " 4-Jul-81 19:26:45" <AFFIRM>MODIFY..5 1214

changes to: Strut)

(PRETTYCOMPRINT MODIFYCOMS)

(RPAQQ **MODIFYCOMS** ((VARS NewPlaces NewFunctions ModifyFiles NewComs Strut Whereis RemoveFns)))

(RPAQQ **NewPlaces** NIL)

(RPAQQ **NewFunctions** NIL)

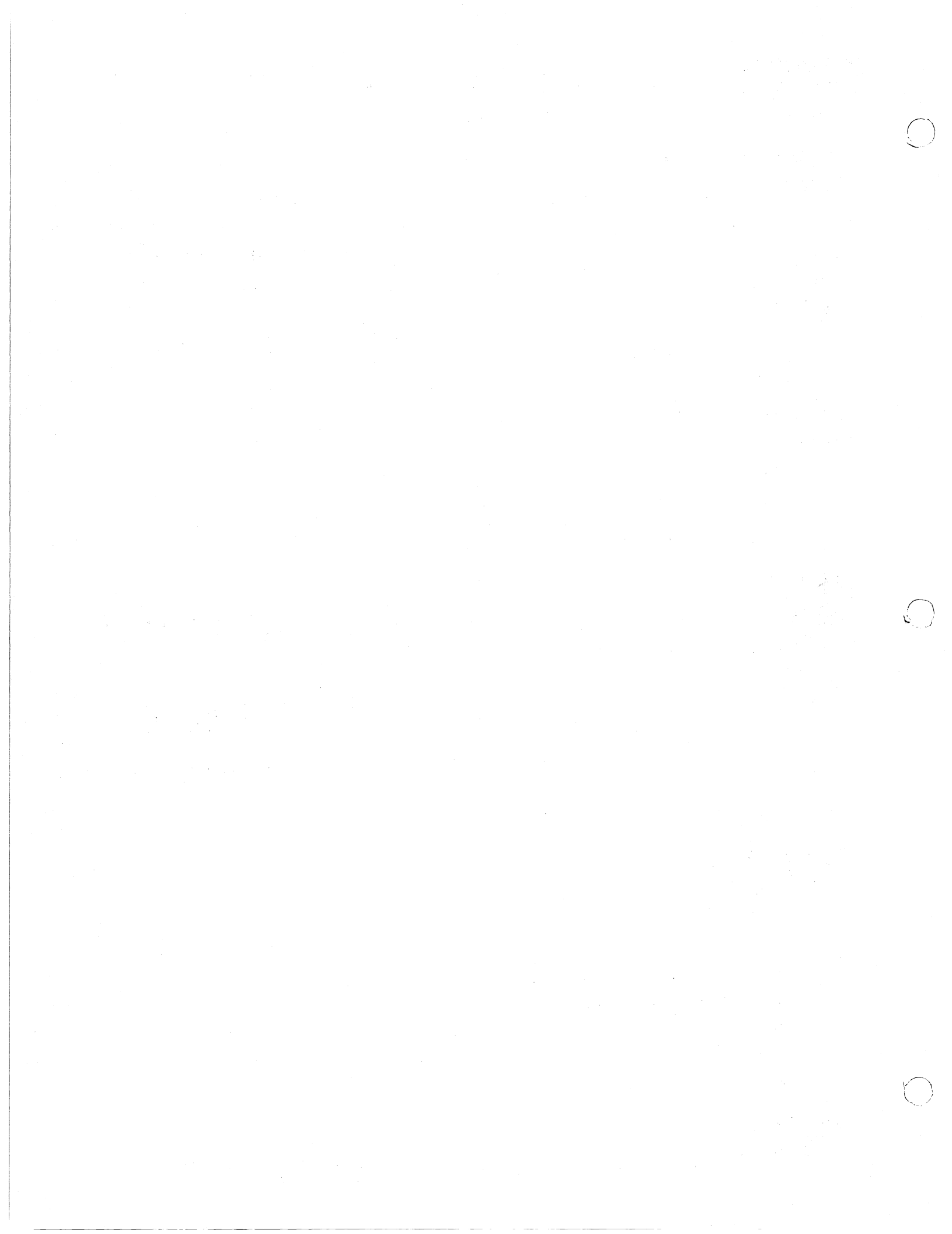
(RPAQQ **ModifyFiles** (AFFIRMEXC FIX122 PARSER PARSERHELPER SPECIFICATION THEOREMPROVER UTILITY))

(RPAQQ **NewComs** ((ONETIMEONLY (FNS * ERICKSONFNS))
(PARSERHELPER (VARS UCaseParseAtoms))))

(RPAQQ **Strut** ((AFFIRMEXC (ProcessCommand)
NIL NIL)
(PARSERPLUS (ReadAtom)
NIL NIL)
(PARSERHELPER (reduceExpression MakeAccessExp)
(VARS UCaseParseAtoms))
NIL)
(SPECIFICATION (InterfaceError)
NIL NIL)
(THEOREMPROVER (denote)
NIL NIL)
(UTILITY (InitializePart1)
NIL NIL)))

(RPAQQ **Whereis** ((InitializePart1 (FIX122 UTILITY))
(InterfaceError (FIX122 SPECIFICATION))
(MakeAccessExp (FIX122 PARSERHELPER))
(ProcessCommand (FIX122 AFFIRMEXC))
(ReadAtom (FIX122 PARSER))
(denote (FIX122 THEOREMPROVER))
(reduceExpression (FIX122 PARSERHELPER))))

(RPAQQ **RemoveFns** NIL)
(DECLARE: DONTCOPY
(FILEMAP (NIL)))
STOP



(FILECREATED "24-Mar-81 15:46:54" <AFFIRM>PARTITION..19 5831

previous date: " 5-Feb-80 12:22:51" <AFFIRM>PARTITION..18)

(PRETTYCOMPRINT PARTITIONCOMS)

```
(RPAQQ PARTITIONCOMS ((FNS * PARTITIONFNFS)
  [VARS (MODIFYCOMS (QUOTE ((VARS NewPlaces NewFunctions ModifyFiles NewComs
    Strut Whereis Removefns) .
    (RECORDS * PARTITIONRECORDS)))])
```

```
(RPAQQ PARTITIONFNFS (ModifyFiles? PartitionComs PartitionFunctions PartitionPatch PartitionRemove
  RePartitionPatch UpdateSources upDateSourcesStructure))
```

(DEFINEQ

(ModifyFiles?

```
[LAMBDA (List) (* R.Bates " 4-Dec-79 13:02")
  List+(LDIFFERENCE [REMOVE 'UNKNOWN (REMOVE 'ONETIMEONLY (REMOVE NIL (INTERSECTION List List)
    ModifyFiles)
    (if List
      then (SAVESET 'ModifyFiles (SORT (COPY < ! List ! ModifyFiles>))
        T]))]
```

(PartitionComs

```
[LAMBDA (COMS) (* R.Bates "31-Oct-79 16:57")
  (PROG (keyList temp NewFiles)
    (for file in <'ONETIMEONLY 'UNKNOWN ! SYSTEMFILES>
      do keyList+ < ! keyList <file "" 'AUTOCOMLETEFLG '(S)
        'CONFIRMFLG T>>)
    (NewComs+(for com in COMS collect (printout T .PPV com " "
      (<<ASKUSER NIL NIL "Where does it go: " keyList T)
      com>>)))
    (ModifyFiles? (for x in NewComs collect x:1))
    (RETURN 'NewComs])
```

(PartitionFunctions

```
[LAMBDA NIL (* R.Bates " 4-Dec-79 13:04")
  (PROG (keyList temp NewFiles)
    (for file in <'UNKNOWN ! SYSTEMFILES> do keyList+ < ! keyList <file "" 'AUTOCOMLETEFLG '(S)
      'CONFIRMFLG T>>)
    (keyList+ < ! keyList ! '[PP "" AUTOCOMLETEFLG (S)
      CONFIRMFLG T RETURN (PROGN (TERPRI)
        (NLSETQ (APPLY* (QUOTE PP)
          fun))
        (ASKUSER NIL NIL
          "Where does it do: "
          keyList T)
        >>)
    (NewPlaces+(for fun in NewFunctions collect (PRINTLINES fun " "
      (<<ASKUSER NIL NIL "Where does it go: " keyList
        T)
        fun>>)))
    (ModifyFiles? (for x in NewPlaces collect x:1))
    (RETURN 'NewPlaces])
```

(PartitionPatch

```
[LAMBDA (File Remove) (* R.Bates " 4-Jan-80 14:16")
  (PROG NIL
    (ModifyFiles+NIL)
    (Whereis+(for fun in (FILEFNLSLT File) collect <fun (WHEREIS fun)
      >>))
    [ModifyFiles+(for x in Whereis join (R-MOVE File x:2)
      when (for file in x:2 thereis (MEMBER file SYSTEMFILES)
        (NewFunctions+(for x in Whereis collect x:1 when (EQUAL x:2 <File>)))
        (NewFunctions+(SORT NewFunctions))
        (ModifyFiles+(SORT (INTERSECTION ModifyFiles ModifyFiles)))
        (printout T "Where do these new functions go?" T)
        (PartitionFunctions)
        (PartitionComs (EVALV (PACK <File 'COMS >)))
        (PartitionRemove Remove)
        (Whereis+(for X in Whereis collect (X:2+(DREMOVE File X:2)
          X))
        (upDateSourcesStructure)
        (RETURN 'MODIFY])
```

(PartitionRemove

```
[LAMBDA (Remove) (* R.Bates "16-Jan-80 16:50")
  (PROG (xwhere file)
    (xwhere-(for fun in Remove collect <fun (for file in (MKLIST (WHEREIS fun)) collect file
      when (MEMBER file SYSTEMFILES))
```

```

    >))
    (file+(for x in (COPY xwhere) join x:2))
    (ModifyFiles? file)
    (/SET 'Removefns xwhere])

```

(RePartitionPatch

```

[LAMBDA NIL
 NIL])

```

(* R.Bates "4-Dec-79 09:38")

(UpdateSources

```

[LAMBDA (MasterRoot)

```

(* R.Bates "5-Feb-80 12:22")

```

  (for (x root) in Strut do (printout T x:RootFile T)
    (LOADVARS T x:RootFile T)
    (LOADDB x:RootFile)
    (CHANGEDFNSLST← <CHANGEDFNSLST !(LOADFNS x:Functions MasterRoot)
    >))
    (FILELST←(DREMOVE MasterRoot FILELST))
    (root←(PACK* x:RootFile 'COMS))
    (if x:NewComs
      then (/SET root < ! x:NewComs !(EVALV root)
      >))
    (for remove in x:Remove do (LOADFNS remove x:RootFile 'PROP)
      (DELFROMFILE remove 'FNS x:RootFile)
      (MARKASCHANGED remove 'FNS))

    (printout T x:RootFile T)
    (FILES?)
    (USEREXEC)
    (MAKEFILE x:RootFile])

```

(upDateSourcesStructure

```

[LAMBDA NIL

```

(* R.Bates "4-Jan-80 14:14")

```

  Strut←(for X in ModifyFiles collect (create Partition
    RootFile ← X))
  [for x in Strut do (for y in Whereis do (if x:RootFile MEMB y:2
    then (x:Functions← <y:1 ! x:Functions>])
  [for x in Strut do (for y in NewPlaces do (if x:RootFile=y:1
    then (x:Functions← <y:2 ! x:Functions>])
  [for x in Strut do (for y in NewComs do (if x:RootFile=y:1
    then (x:NewComs← <y:2 ! x:NewComs>])
  (for x in Strut do (for y in RemoveFns do (if x:RootFile MEMB y:2
    then (x:Remove← <y:1 ! x:Remove>])
)

```

```

(RPAQQ MODIFYCOMS ((VARS NewPlaces NewFunctions ModifyFiles NewComs Strut Whereis RemoveFns)))

```

```

(RPAQQ PARTITIONRECORDS (Partition))

```

```

[DECLARE: EVAL@COMPILE

```

```

(RECORD Partition (RootFile Functions NewComs Remove))
]

```

```

[DECLARE: DONTCOPY

```

```

  (FILEMAP (NIL (554 5571 (ModifyFiles? 566 . 900) (PartitionComs 904 . 1488) (PartitionFunctions 1492 .
  2343) (PartitionPatch 2347 . 3346) (PartitionRemove 3350 . 3815) (RePartitionPatch 3819 . 3946) (
  UpdateSources 3950 . 4756) (upDateSourcesStructure 4760 . 5568))))))

```

```

STOP

```

(FILECREATED "12-Jun-81 16:18:00" <AFFIRM>CHECKMIGRATE..2 2731

previous date: "19-Dec-79 13:23:39" <RBATES>CHECKMIGRATE..1;

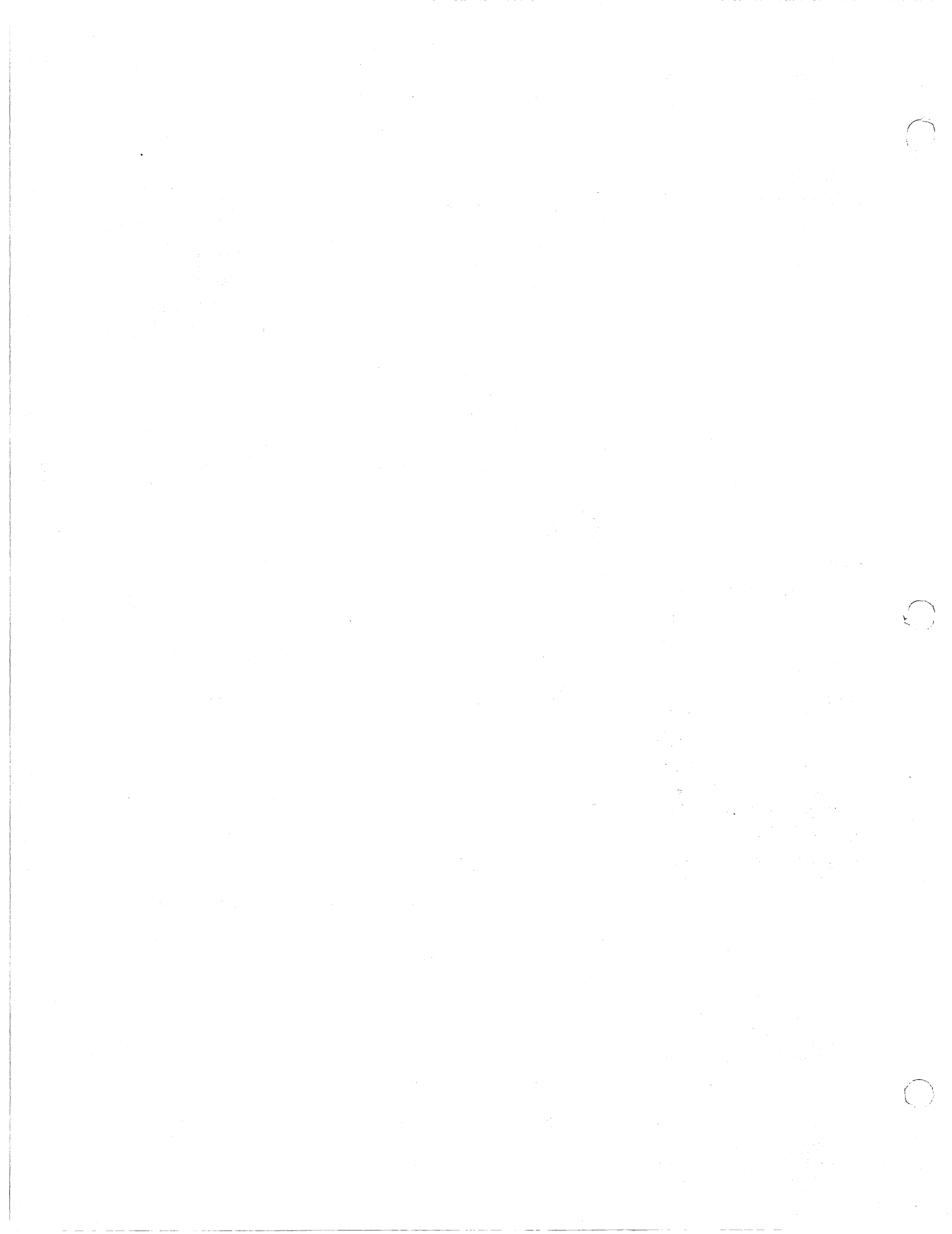
(PRETTYCOMPRINT CHECKMIGRATECOMS)

(RPAQQ CHECKMIGRATECOMS ((FNS CheckMigrate)))
(DEFINEQ**(CheckMigrate**

```

[LAMBDA (File)
  (PROG (lastPlace badFns temp fileList)
    (MissingFns-NIL)
    (lastPlace-(for entry on (readReleaseFile) collect entry:1
      when (for rest on entry::1 never entry:1:1=rest:1:1)))
    (LOADVARS T File)
    (badFns-(for fn in fileList-(FILEFNSLST File)
      join (temp-(ASSOC fn lastPlace):WhereNow)
      [temp-(INFILEP (PACKFILENAME (for x in '(DIRECTORY NAME EXTENSION)
        join <x (FILENAMEFIELD temp x)
        >]
      (if temp
        then (LOADFNS fn File 'SYSLOAD;
          (PROG (LISPHIST)
            (LOADFNS fn temp 'PROP))
            temp-(if temp-(GETPROP fn 'EXPR)
              then (if ~(EQUAL temp:3 (FGETD fn):3)
                then (printout NIL T T "For function " fn
                  " the last editor stamp was "
                  .TABO 5 (FGETD fn):3 " and not "
                  temp:3)
                (if (IDATE (FGETD fn):3:3) lt
                  (IDATE temp:3:3)
                  then (printout NIL " !!!" T)
                  else (printout NIL "." T))
                <fn>)
              else (printout NIL .TABO 0 "Can not find GETPROP for " fn T;
                MissingFns- <fn ! MissingFns> NIL)
            (REMPROP fn 'EXPR)
            (PUTD fn NIL)
            temp
          else (printout NIL .TABO 0 "Can not find " fn " in the release file" T)
            MissingFns- <fn ! MissingFns> NIL)))
    [if (LENGTH lastPlace)
      ~= (LENGTH fileList)
      then (printout NIL .TABO 0 T "The functions on release file but not on the file are "
        .TABO 3 (temp+(LDIFFERENCE (for x in lastPlace collect x:1)
          fileList))
        T)
      (for (x y z) in <! temp ! badFns>
        do (if z=(WhoOwnsFunction x)
          then (printout NIL .TABO 0 "The function " x " is owned by " z T)
            badFns- <x ! badFns>
          elseif [fetch State of (CAR (y←(getEntryFunction <x>))
            ~= 'UPDATE
            then (printout NIL .TABO 0 "The function " x " is in a funny state: " y
              T)
            badFns- <x ! badFns>
          else (printout NIL .TABO 0 "The function " x
            " has to be updated from file "
            y:1:PatchFile T)
            badFns+(REMOVE x badFns]
      (RETURN (INTERSECTION badFns badFns])
    )
  (DECLARE: DONTCOPY
    (FILEMAP (NIL (235 2707 (CheckMigrate 247 . 2704))))))
STOP

```



(FILECREATED "13-Jul-81 15:00:40" <BRICKSON>INIT..1 7696

previous date: "12-Oct-79 10:36:24" <AFFIRM>INIT..1 LISP:6)

(PRETTYCOMPRINT INITCOMS)

```
(RPAQQ .INITCOMS [(P [COND ((EQ (SYSTEMTYPE)
  (QUOTE TENEX))
  (/SET (QUOTE SYSOUTFILE)
    (QUOTE WORK.SAV))
  (/SET (QUOTE SYSOUT.EXE)
    (QUOTE SAV)))
  (T (/SET (QUOTE SYSOUTFILE)
    (QUOTE WORK.EXE))
  (/SET (QUOTE SYSOUT.EXE)
    (QUOTE EXE]
  (PROGN (* All of this is for the change-marking feature of prettyprint.)
    (SETSEPR (QUOTE (124))
      1 FILERDTBL)
    (/SET (QUOTE CHANGESARRAY)
      (LIST (HARRAY 100)))
    (/SET (QUOTE CHANGECHAR)
      (CHARACTER 124)))
    (ECHOCONTROL 27 (QUOTE SIMULATE))
    (JSYS 326 (SIXBIT "LISP")
      (SIXBIT "LISP")))
    (FNS DISPLAYTERM DISPLAYTERMTYPE INITFONTS INIT\BACKSPACE SET\BACKSPACE XPRESS)
    (VARS FONTDEFS XgpFontsFamily)
    (ADVISE LISTFILES1 SUBSYS)
    (P (INIT\BACKSPACE))
    (LISP\MACROS XPR XPRESS)
    (ADDVARS (AFTERSYSOUTFORMS (JSYS 326 (SIXBIT "LISP")
      (SIXBIT "LISP")))
```

```
[COND ((EQ (SYSTEMTYPE)
  (QUOTE TENEX))
  (/SET (QUOTE SYSOUTFILE)
    (QUOTE WORK.SAV))
  (/SET (QUOTE SYSOUT.EXE)
    (QUOTE SAV)))
  (T (/SET (QUOTE SYSOUTFILE)
    (QUOTE WORK.EXE))
  (/SET (QUOTE SYSOUT.EXE)
    (QUOTE EXE]
  (PROGN (* All of this is for the change-marking feature of prettyprint.)
    (SETSEPR (QUOTE (124))
      1 FILERDTBL)
    (/SET (QUOTE CHANGESARRAY)
      (LIST (HARRAY 100)))
    (/SET (QUOTE CHANGECHAR)
      (CHARACTER 124)))
    (ECHOCONTROL 27 (QUOTE SIMULATE))
    (JSYS 326 (SIXBIT "LISP")
      (SIXBIT "LISP")))
  (DEFINEQ
```

(DISPLAYTERM [LAMBDA NIL

(* edited: "12-Nov-79 09:14")

(* This function calls DISPLAYTERMTYPE and check to see if the terminal is either a scope or hp terminal type.)

```
(if (DISPLAYTERMTYPE) MEMB (SELECTQ (SYSTEMTYPE)
  (TENEX ' (10 14))
  (TOPS20 ' (5 6))
  NIL)
```

then T
else NIL])

(DISPLAYTERMTYPE [LAMBDA NIL

(* Returns the terminal type number. Uses the jsys GTTYP.)

(JSYS 195 262143 NIL NIL 2])

(INITFONTS

```
[LAMBDA (Size)
  (SETSEPR '(1 2 3 4 5 6 7 8 127)
    1 FILERDTBL)
```

(* R.Bates "6-Jan-81 10:19")

```
(SETSEPR '(124)
  1 FILERDTBL)
[if Size MEMB XgpFontsFamily
  then (RESITVARS ((NORMAL.COMMENISFLG 1))
    (if (INFILEP '<ISILISP>INIT-FOR-ISI.COM;
      then (LOAD '<ISILISP>INIT-FOR-ISI.COM T)
      else (ERROR "Cannot find <ISILISP>INIT-FOR-ISI")
    )
  )
(if-Size
  then (FONTSET Size])
```

(INIT\BACKSPACE

```
[LAMBDA NIL
  (if (DISPLAYTERMP)
    then (SET\BACKSPACE 8)
    else (SET\BACKSPACE NIL])
```

(SET\BACKSPACE

```
[LAMBDA (BKCODE)
  (PROG (BKSPSTR)
    (if BKCODE
      then
```

```
BKSPSTR+(CONCAT (FCHARACTER BKCODE)
```

```
(* Set lisp to real backspace code)
```

```
  (FCHARACTER BKCODE))
```

```
(ECHOCONTROL BKCODE 'REAL)
(DELETECONTROL 'NOECHO)
(DELETECONTROL '1STCHDEL BKSPSTR)
(DELETECONTROL 'NTHCHDEL BKSPSTR)
(DELETECONTROL 'POSTCHDEL "")
(DELETECONTROL 'EMPTYCHDEL (FCHARACTER 7))
```

```
(* Ring a bell if no characters to delete)
```

```
(* Reset lisp to teletype conventions)
```

```
else
```

```
(DELETECONTROL 'ECHO)
(DELETECONTROL '1STCHDEL "\")
(DELETECONTROL 'NTHCHDEL "")
(DELETECONTROL 'POSTCHDEL "\"])
```

(XPRESS

```
[LAMBDA (FILE)
  (PROG (fields)
```

```
(* edited: "15-Jan-81 09:17")
```

```
(FILE+((INFILEP FILE) or (ERROR "Can not find file" FILE)))
(fields+(UNPACKFILENAME FILE))
(KFORK (SUBSYS 'CIBARE (CONCAT "PNG:=" FILE "
```

```
" (PACKC '(26))
```

```
")
```

```
  'NUL:))
(printout T "file " FILE " sent to the penguin" T)
(/SET 'NOTLISTEDFILES (REMOVE (PACKFILENAME 'NAME (LISTGET fields 'NAME)
  'EXTENSION
  (LISTGET fields 'EXTENSION))
  NOTLISTEDFILES))
```

```
(RETURN FILE])
```

```
)
```

```
(RPAQQ FONTDEFS ((BOLD (FONTCHANGEFLG . T)
  (FILELINELENGTH . 72)
  (COMMENTLINELENGTH 85 . 95)
  (FIRSTCOL . 40)
  (PRETTYLCOM . 14)
  (LISTFILESTR . "
```

```
")
```

```
(FONTPROFILE (DEFAULTFONT NIL 1)
  (SYSTEMFONT NIL 1)
  (CHANGEFONT NIL 1)
  (USERFONT NIL 2)
  (LAMBDAFONT NIL 3)
  (PRETTYCOMFONT NIL 3)
  (COMMENTFONT NIL 4)
  (CLISPFONT NIL 5))
```

```
(SLIDE (FONTEscapeCHAR . ""))
(FONTCHANGEFLG . T)
(FILELINELENGTH . 60)
(COMMENTLINELENGTH 55 . 60)
(FIRSTCOL . 15)
(PRETTYLCOM . 7)
(LISTFILESTR . "
```

```
")
```

```
(FONTPROFILE (DEFAULTFONT NIL 1)
  (SYSTEMFONT NIL 1)
  (CHANGEFONT NIL 1)
```

```

        (USERFONT NIL 2)
        (LAMBDAFONT NIL 2)
        (PRETTYCOMFONT NIL 2)
        (COMMENTFONT NIL 3)
        (CLISPFONT NIL 3))
(LARGE (FONTESCAPECHAR . ""))
        (FONTCHANGEFLG . T)
        (FILELINELENGTH . 85)
        (COMMENTLINELENGTH 100 . 110)
        (FIRSTCOL . 60)
        (PRETTYLCOM . 10)
        (LISTFILESTR . "

(DEVICE . .EP)
(FONTPROFILE (DEFAULTFONT NIL 1)
              (SYSTEMFONT NIL 1)
              (USERFONT NIL 2)
              (COMMENTFONT NIL 3)
              (LAMBDAFONT NIL 4)
              (PRETTYCOMFONT NIL 4)
              (CLISPFONT NIL 5)
              (CHANGEFONT (IL)
                           NIL)))

(STANDARD (FONTCHANGEFLG)
          (FILELINELENGTH . 72)
          (COMMENTLINELENGTH 116 . 126)
          (FIRSTCOL . 48)
          (PRETTYLCOM . 14)
          (LISTFILESTR . "

(DEVICE . .EP)
(FONTPROFILE (DEFAULTFONT)
              (USERFONT)
              (COMMENTFONT)
              (LAMBDAFONT)
              (SYSTEMFONT)
              (CLISPFONT)
              (CHANGEFONT)
              (PRETTYCOMFONT)))

(SMALL (FONTCHANGEFLG . T)
        (FILELINELENGTH . 110)
        (COMMENTLINELENGTH 115 . 120)
        (FIRSTCOL . 70)
        (PRETTYLCOM . 20)
        (LISTFILESTR . "

(DEVICE . .EP)
(FONTPROFILE (DEFAULTFONT NIL 1)
              (SYSTEMFONT NIL 1)
              (USERFONT NIL 2)
              (COMMENTFONT NIL 3)
              (LAMBDAFONT NIL 4)
              (PRETTYCOMFONT NIL 4)
              (CLISPFONT NIL 5)
              (CHANGEFONT (IL)
                           NIL)))

(PARC (FONTCHANGEFLG . T)
       (FILELINELENGTH . 102)
       (COMMENTLINELENGTH 116 . 126)
       (FIRSTCOL . 60)
       (PRETTYLCOM . 25)
       (LISTFILESTR . "

(DEVICE . .EP)
(FONTPROFILE (DEFAULTFONT NIL 1)
              (BOLDFONT NIL 2)
              (LITTLEFONT NIL 3)
              (BIGFONT NIL 4)
              (USERFONT NIL BOLDFONT)
              (COMMENTFONT NIL LITTLEFONT)
              (LAMBDAFONT NIL BIGFONT)
              (SYSTEMFONT)
              (CLISPFONT NIL BOLDFONT)
              (CHANGEFONT)
              (PRETTYCOMFONT NIL BOLDFONT))
(FONTESCAPECHAR . ""))))

```

(RPAQQ XgpFontsFamily (LARGE SMALL SLIDE BOLD))

(PUTPROPS LISTFILES1 READVICE [NIL (BEFORE NIL (COND ((AND (BOUNDP FONTCHANGEFLG) FONTCHANGEFLG)

(PNG FILE)
(RETURN "")]

```
(PUTPROPS SUBSYS READVICE (NIL (AROUND NIL (EvalformWithOutDribble *))))  
(READVICE LIST:111:1:1 SUBSYS)  
(INIT\BACKSPACE)  
  
(ADDTOVAR LISPMACROS (XPR (XPRESS (CAR LISPXLIN)))  
              (XPRESS (XPRESS (CAR LISPXLIN))))  
  
(ADDTOVAR LISPCOMS XPR XPRESS)  
  
(ADDTOVAR AFTERSYSOUTFORMS (JSYS 326 (SIXBIT "LISP")  
              (SIXBIT "LISP")))  
  
(DECLARE: DONTCOPY  
  (FILEMAP (NIL (1693 4370 (DISPLAYTERMP 1705 . 2111) (DISPLAYTERMTYPE 2115 . 2266) (INITFONTS 2270 .  
2778) (INIT\BACKSPACE 2782 . 2922) (SET\BACKSPACE 2926 . 3759) (XPRESS 3763 . 4367))))))  
STOP
```