

(FILECREATED " 5-Sep-80 22:02:56" <AFFIRM>BUILD..19 1579

changes to: SystemBuildPart2

previous date: " 5-Sep-80 10:31:47" <AFFIRM>BUILD..18)

(PRETTYCOMPRINT BUILDCOMS)

```
(RPAQ 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)

(RPAQ BUILDFNS (SystemBuildPart1 SystemBuildPart2))
(DEFINIQ

(SystemBuildPart1

(LAMBDA NIL

```
(PROG (LISPXHIST ADDSPELLFLG BUILDMAPFLG)
  (GREETHIST-NIL)
  (TIGHTGC T)
  (MINFS 257 1)
  (for 1 in '(4 5 9 12 16 18 24 28 30) do (MINFS 100 I))
  (MINFS 2560 8)
  (INITFONTS 'SMALL)
  (LOAD 'UTILITY.COM 'SYSLOAD)
  (MAKESYSTEM NIL 'YES 'YES)
  (NoteFiles (INFILEP 'UTILITY)
    T)
  (InitializePart1 T))
```

(* R.Bates " 8-Feb-80 08:53")

(forget)
T))

(SystemBuildPart2

(LAMBDA NIL

```
(PROG (LISPXHIST ADDSPELLFLG BUILDMAPFLG)
  (MINFS 200 8)
  (CLRHASH CLISPARRAY)
  (MAKESYSTEM PV\BASIS\FILES 'NO 'YES)
  (CLRHASH CLISPARRAY)
  (forget)
  (RECLAIM 8)
  (TIGHTGC))
```

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

(LISPXHISTORY:4-1000)

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

(DECLARE: DONTCOPY

(FILEMAP (NIL (554 1555 (SystemBuildPart1 566 . 1113) (SystemBuildPart2 1117 . 1552))))

STOP



(FILECREATED "11-Aug-80 21:32:02" <AFFIRM>BUILTIN..18 8389

changes to: BUILTIN IfThenElse\BUILTIN\Interface NE\BUILTIN\Interface Equal\BUILTIN\Interface
Quote\BUILTIN\Interface OkToCallError\BUILTIN\Interface Error\BUILTIN\Interface)

(PRETTYCOMPRINT BUILTINCOMS)

```
(PRPQ BUILTINCOMS ((P (CheckLoad (QUOTE TYPE)
                    (QUOTE (110 . <AFFIRM>BASE-AFFIRM.EXE.54))
                    (QUOTE BUILTIN)))
  (FNS * BUILTINFNS)
  (FNS * BUILTIN\InterfaceFNS)
  (VARS * BUILTINConstants)
  (VARS * BUILTIN\InterfaceConstants)
  (IFPROP ALL * BUILTINConstants)
  (IFPROP (PrimaryLHSides EqualOp EQOP)
    * BUILTINFNS)
  (IFPROP (PrimaryLHSides EqualOp EQOP)
    * BUILTIN\InterfaceFNS)
  (P (InitializeLoad TYPE BUILTIN 110 ((NoteInterfaces BUILTIN\InterfaceFNS)
    (InitInfix (QUOTE BUILTIN))
    (InitNeeds (QUOTE BUILTIN))
    (NoteDeclarations (QUOTE BUILTIN))
    (NoteLeftHandSides BUILTINFNS))
```

```
(InitLoad (QUOTE TYPE)
  (QUOTE (110 . <AFFIRM>BASE-AFFIRM.EXE.54))
  (QUOTE BUILTIN))
```

(RPAQ BUILTINFNS NIL)
(DEFINEDQ
)

(RPAQ BUILTIN\InterfaceFNS (IfThenElse\BUILTIN\Interface NE\BUILTIN\Interface Equal\BUILTIN\Interface
Quote\BUILTIN\Interface
OkToCallError\BUILTIN\Interface
Error\BUILTIN\Interface))

(DEFINEDQ

```
(IfThenElse\BUILTIN\Interface
(LAMBDA (b a1 a2 TooManyArguments)
  (if b:1='ExpressionWithType and b:3=Boolean and a1:1='ExpressionWithType and a2:1='ExpressionWithType
    and TooManyArguments=NIL and (EQUAL a1:3 a2:3) and (Report IfThenElse\BUILTIN\Interface 1 interface)
    then (ExpressionWithType <'IfThenElse b:2 (if a2:3='Boolean
      then <'IfThenElse a1:2 TRUE FALSE>
      else a1:2)
      (if a2:3='Boolean
        then <'IfThenElse a2:2 TRUE FALSE>
        else a2:2)
      >
      a2:3)
    elseif NIL))
```

```
(NE\BUILTIN\Interface
(LAMBDA (a1 a2 TooManyArguments)
  (if a1:1='ExpressionWithType and a2:1='ExpressionWithType and TooManyArguments=NIL and (EQUAL a1:3 a2:3)
    and (Report NE\BUILTIN\Interface 1 interface)
    then (ExpressionWithType <NOTOP <(GetEqualOp a1:3)
      a1:2 a2:2>>
      Boolean)
    elseif NIL))
```

```
(Equal\BUILTIN\Interface
(LAMBDA (a1 a2 TooManyArguments)
  (if a1:1='ExpressionWithType and a2:1='ExpressionWithType and TooManyArguments=NIL and (EQUAL a1:3 a2:3)
    and (Report Equal\BUILTIN\Interface 1 interface)
    then (ExpressionWithType <(GetEqualOp a1:3)
      a1:2 a2:2>
      Boolean)
    elseif NIL))
```

```
(Quote\BUILTIN\Interface
(LAMBDA (a1 TooManyArguments)
  (if a1:1='ExpressionWithType and TooManyArguments=NIL and (Report Quote\BUILTIN\Interface 1 interface)
```

then (ExpressionWithType <'Quote a1:2> a1:3)
elseif NIL))

(OkToCallError\BUILTIN\Interface

(LAMBDA (a1 i1 TooManyArguments)
(if a1:1='ExpressionWithType and i1:1='ExpressionWithType and TooManyArguments=NIL and (EQUAL a1:3 i1:3)
and (Report OkToCallError\BUILTIN\Interface 1 Interface)
then (ExpressionWithType <'OkToCallError a1:2 i1:2> Boolean)
elseif NIL))

(Error\BUILTIN\Interface

(LAMBDA (a1 i1 TooManyArguments)
(if a1:1='ExpressionWithType and i1:1='ExpressionWithType and TooManyArguments=NIL and (EQUAL a1:3 i1:3)
and (Report Error\BUILTIN\Interface 1 Interface)
then (ExpressionWithType <'Error a1:2 i1:2> i1:3)
elseif NIL))

(RPAQO BUILTINConstants (BUILTIN))

(RPAQO BUILTIN BUILTIN)

(RPAQO BUILTIN\InterfaceConstants NIL)

(PUTPROPS BUILTIN IsConstant T
DeclaredType BUILTIN
LocalDeclarations ((b\Interface ExpressionWithType b\BUILTIN Boolean)
(a1\Interface ExpressionWithType a1\BUILTIN any)
(a2\Interface ExpressionWithType a2\BUILTIN any)
(i1\Interface ExpressionWithType i1\BUILTIN any))

Infix NIL
Needs NIL
EqualOp Equal)

(RPAQO BULTINFNS NIL)

(RPAQO BUILTIN\InterfaceFNS (IfThenElse\BUILTIN\Interface NE\BUILTIN\Interface Equal\BUILTIN\Interface
Quote\BUILTIN\Interface
OkToCallError\BUILTIN\Interface
Error\BUILTIN\Interface))

(PUTPROPS IfThenElse\BUILTIN\Interface PrimaryLHSides (1 (1 IfThenElse\BUILTIN\Interface
(ExpressionWithType b\BUILTIN Boolean)
(ExpressionWithType a1\BUILTIN any)
(ExpressionWithType a2\BUILTIN any)
NIL)))

(PUTPROPS NE\BUILTIN\Interface PrimaryLHSides (1 (1 NE\BUILTIN\Interface (ExpressionWithType a1\BUILTIN any)
(ExpressionWithType a2\BUILTIN any)
NIL)))

(PUTPROPS Equal\BUILTIN\Interface PrimaryLHSides (1 (1 Equal\BUILTIN\Interface (ExpressionWithType a1\BUILT
any)
(ExpressionWithType a2\BUILTIN any)
NIL)))

(PUTPROPS Quote\BUILTIN\Interface PrimaryLHSides (1 (1 Quote\BUILTIN\Interface (ExpressionWithType a1\BUILT
any)
NIL)))

(PUTPROPS OkToCallError\BUILTIN\Interface PrimaryLHSides (1 (1 OkToCallError\BUILTIN\Interface
(ExpressionWithType a1\BUILTIN any)
(ExpressionWithType i1\BUILTIN any)
NIL)))

(PUTPROPS Error\BUILTIN\Interface PrimaryLHSides (1 (1 Error\BUILTIN\Interface (ExpressionWithType a1\BUILT
any)
(ExpressionWithType i1\BUILTIN any)
NIL)))

(InitializeLoad TYPE BUILTIN 110 ((NoteInterfaces BUILTIN\InterfaceFNS)
(initInfix (QUOTE BUILTIN))
(initNeeds (QUOTE BUILTIN))
(NoteDeclarations (QUOTE BUILTIN)))

(NoteLeftHandSides BUILTINFNS))

(DECLARE: DONTCOPY

(FILEMAP (NIL (1097 1108) (1337 4068 (IfThenElse\BUILTIN\Interface 1349 . 2080) (ME\BUILTIN\Interface 2084 . 2553) (Equal\BUILTIN\Interface 2557 . 3024) (Quote\BUILTIN\Interface 3028 . 3308) (OkToCallError\BUILTIN\Interface 3312 . 3700) (Error\BUILTIN\Interface 3704 . 4065))))))

STOP

