—DESSAINTES' DISASSEMBLER—

1) Initialize RAE: Enter, SEt (as needed) then A) CLear, B) assemble the 1-line prog. "1 .en", C) CLear (again), D) exit to monitor.

2) Initialize the disassembler: Enter ".SD 9000,A66A <cr>.

3) Start disassembly with the following command string:
                    -.n <a>, b, c, d-
    n=1 (1st pass) 2 (2nd pass) 3 (both passes) or 5,6,7 (same
       as 1,2,3 but with sort if label file not empty).
    a=from LOCATION COUNTER (.MC) - optional.
    b=from PROGRAM COUNTER (.BA).
    c=to PROGRAM COUNTER
    d=L(labels only), P(printer), or T(text & labels in RAE).

4) When prompted with "." re-enter RAE with ".g". Your dis-
assembled file with labels is now in RAE.

5) codes preceeding labels: A<absolute>, B<branch>, J<jump>,
S<subroutine>.

LUX'S NOTES FOR DESSAINTES' DISASSEMBLER:

1) I believe that the following steps are required for INITIALIZATION:

   After SEtting, enter CLear <cr> to initialize EOTF pointer
   ASsemble the program 1 .EN to initialize the EOLF pointer
   CLear <cr> to reinitialize the EOTF pointer
   Do CTRL C to exit to monitor
   Enter .SD ENTRY,A66A <cr>
   Proceed

2) Not all features of this program have been tested, those which
   have been tested do work correctly.

3) All instructions for running this program are given at the
   beginning of PART1 (F01) of the Source Code.

4) The cassette contains three copies each of three RAE source code
   files, F01 ($0200-$237E), F02 ($0200-$1693), and F03 ($0200-$2AED),
   to be assembled with .CT.

5) With a 32K system the files may be combined into one, but remember
   to delete the duplicate set of macros in PART3.

2/22/82 - LUX
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0010 ;NOTES TO ACCOMPANY DESSAINTES' DISASSEMBLER CASSETTE
0020 ;22 MARCH 1982 - SYM USERS' GROUP
0030
0040
0050 ;NOTE 1: THE FOLLOWING PATCH WILL ELIMINATE
0060 ;THE NEED TO INITIALIZE RAE WITH THE
0070 ;ASSEMBLY OF A NULL PROGRAM, THE CLEAR,
0080 ;ETC.  IT ALSO DOES THE ".SD" BIT FOR
0090 ;YOU AS WELL.  HOW LAZY CAN ONE BE?
0100
0110 ;NOTE 2: THERE IS A TYPO IN THE SOURCE CODE,
0120 ;IN THE EXPLANATION OF V, P, AND T!!!!!!!!!!
0130 ;T MEANS TEXT FILE, AND NOT TAPE.  USE T AS
0140 ;THE FINAL PARAMETER IF YOU WISH TO HAVE
0150 ;THE DISASSEMBLER PREPARE A RAE SOURCE FILE
0160 ;FOR YOU.  OTHERWISE YOU WILL NOT GET A FILE.
0170
0180 ;NOTE 3: TO USE THE DISASSEMBLER, ENTER RAE
0190 ;AND SET YOUR TEXT AND LABEL BOUNDARIES.
0200 ;EXIT RAE WITH A CTRL C.  FROM SUPERMON
0210 ;     .G (ADDRESS OF PATCH) <CR>
0220 ;THEN FOLLOW DESSAINTE'S INSTRUCTIONS.
0230
0240 ;NOTE 4: FOR THOSE WITH FODS, THE FODS DISK
0250 ;LINKAGE IS ALSO INCLUDED.
0260
0270
0280
0290 ;PATCH TO "AUTOMATE" DESSAINTES'
0300 ;DISASSEMBLER INITIALIZATION
0310
0320 ;ADDITIONAL SUPERMON/SYSRAM VALUES
0330
0340 ACCESS .DE $8B86
0350 URSVEC .DE $A669
0360
0370 FODS .DE 0
0380
0390
0400 PATCH
0410 ;                  .BA ANYWHERE
0420
0430   IFN FODS
0440
0450 ;NEXT SIX LINES ONLY FOR FODS SYSTEMS
0460
0470 TURNOFF .DE $20
0480 DSKRW .DE $765D
0490 SET2 .DE $7634
0500
0510   LDA #TURNOFF
0520   JSR DSKRW
0530   JSR SET2
0540
0550   ***
0560
0570 ;INITIALIZE THE CURRENT FILE POINTERS
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                          0580 ;TO EQUAL START-OF-FILE (SOF) VALUES
                          0590
                          0600 ;TEXT FILE
0200- AD 00 01            0610  LDA $0100
0203- AE 01 01            0620  LDX $0101
                          0630
0206- 85 D3               0640  STA *$D3
0208- 86 D4               0650  STX *$D4
                          0660
                          0670 ;LABEL FILE
020A- AD 04 01            0680  LDA $0104
020D- AE 05 01            0690  LDX $0105
                          0700
0210- 85 D5               0710  STA *$D5
0212- 86 D6               0720  STX *$D6
                          0730
                          0740 ;PLACE EOF MARKERS IN BOTH FILES
                          0750 ;SET THIRD BYTE IN TO NULL VALUE
                          0760
0214- A9 00               0770  LDA #$00
0216- A0 02               0780  LDY #$02
                          0790
0218- 91 D3               0800  STA ($D3),Y
021A- 91 D5               0810  STA ($D5),Y
                          0820
                          0830 ;PATCH IN UNRECOGNIZED SYNTAX VECTOR
                          0840
021C- 20 86 8B            0850  JSR ACCESS
                          0860
021F- A9 2A               0870  LDA #L,DISASSEMBL
0221- A2 02               0880  LDX #H,DISASSEMBL
                          0890
0223- 8D 6A A6            0900  STA URSVEC+1
0226- 8E 6B A6            0910  STX URSVEC+2
                          0920
0229- 60                  0930  RTS
                          0940
                          0950 ;CAN USE "BRK" ABOVE INSTEAD OF
                          0960 ;THE "RTS" IN THE FODS VERSION
                          0970
                          0980 ;CONTINUE WITH DESSAINTES' PROGRAM
                          0990
                          1000 ;                 .BA WHEREVER
                          1010
022A- 48                  1020 DISASSEMBL PHA
022B- C9 31               1030  CMP #'1
                          1040 ;ETCETERA
                          1050  .EN
```

LABEL FILE: [/ = EXTERNAL]

/ACCESS=8B86   /URSVEC=A669   /FODS=0000
PATCH=0200   DISASSEMBL=022A
//0000,022D,022D
>