C 10

```
EEEEEEEEEEEEEEE  DDDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD     TTTTTTTTTTTTTTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEEEEEEEEEEE     DDD         DDD        TTT
EEEEEEEEEEEE     DDD         DDD        TTT
EEEEEEEEEEEE     DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEE              DDD         DDD        TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD           TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD           TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD           TTT
```

```
EXE

Mod
---
ED
ED
ED
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ED
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ED
ED
ED
ED
ED
ED
ED
ED
SYS
LBI
LII
```

```
**FILE**ID**WORDWRAP                                        K 1
```

```
WW      WW    OOOOOO    RRRRRRRR    DDDDDDDD    WW      WW  RRRRRRRR      AAAAAA    PPPPPPPP
WW      WW    OOOOOO    RRRRRRRR    DDDDDDDD    WW      WW  RRRRRRRR      AAAAAA    PPPPPPPP
WW      WW  OO      OO  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW  OO      OO  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW  OO      OO  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW  OO      OO  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW  OO      OO  RRRRRRRR    DD      DD  WW      WW  RRRRRRRR    AA      AA  PPPPPPPP
WW      WW  OO      OO  RRRRRRRR    DD      DD  WW      WW  RRRRRRRR    AA      AA  PPPPPPPP
WW  WW  WW  OO      OO  RR  RR      DD      DD  WW  WW  WW  RR  RR      AAAAAAAAAA  PP
WW  WW  WW  OO      OO  RR  RR      DD      DD  WW  WW  WW  RR  RR      AAAAAAAAAA  PP
WWWW  WWWW  OO      OO  RR    RR    DD      DD  WWWW  WWWW  RR    RR    AA      AA  PP
WWWW  WWWW  OO      OO  RR    RR    DD      DD  WWWW  WWWW  RR    RR    AA      AA  PP              ....
WW      WW    OOOOOO    RR      RR  DDDDDDDD    WW      WW  RR      RR  AA      AA  PP              ....
WW      WW    OOOOOO    RR      RR  DDDDDDDD    WW      WW  RR      RR  AA      AA  PP              ....
                                                                                                    ....

LL            IIIIII      SSSSSSSS
LL            IIIIII      SSSSSSSS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II        SSSSSS
LL              II        SSSSSS
LL              II              SS
LL              II              SS
LL              II              SS
LL              II              SS
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

EDT
V04

;

; R

:
:

```
0 %TITLE 'EDT$WORDWRAP - do word wrapping'
0 MODULE EDT$WORDWRAP (                                     ! Do word wrapping
0                 IDENT = 'V04-000'                                 ! File: WORDWRAP.BLI Edit: SMB1004
0                 ) =
1 BEGIN
1 !
1 !****************************************************************************
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1 !*                                                                          *
1 !****************************************************************************
1 !
1
1 !++
1 ! FACILITY:     EDT -- The DEC Standard Editor
1 !
1 ! ABSTRACT:
1 !
1 !       This module trys to do word wrapping after an insert.
1 !
1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
1 !
1 ! AUTHOR: John Sauter, CREATION DATE: April 7, 1982
1 !
1 ! MODIFIED BY:
1 !
1 ! 1-001 - Original.  JBS 07-Apr-1982
1 ! 1-002 - New screen update logic.  JBS 13-Sep-1982
1 ! 1-003 - Add a parameter to split line routine.  SMB 16-Nov-1982
1 ! 1-004 - Change the parameter to the split line routine.  SMB 17-Nov-1982
1 !--
1
```

```
;    51           0050   1 %SBTTL 'Declarations'
;    52           0051   1 !
;    53           0052   1 ! TABLE OF CONTENTS:
;    54           0053   1 !
;    55           0054   1
;    56           0055   1 REQUIRE 'EDTSRC:TRAROUNAM';
;    57           0494   1
;    58           0495   1 FORWARD ROUTINE
;    59           0496   1     EDT$$WORD_WRAP;
;    60           0497   1
;    61           0498   1 !
;    62           0499   1 ! INCLUDE FILES:
;    63           0500   1 !
;    64           0501   1
;    65           0502   1 REQUIRE 'EDTSRC:EDTREQ';
;    66           0637   1
;    67           0638   1 !
;    68           0639   1 ! MACROS:
;    69           0640   1 !
;    70           0641   1 !       NONE
;    71           0642   1 !
;    72           0643   1 ! EQUATED SYMBOLS:
;    73           0644   1 !
;    74           0645   1 !       NONE
;    75           0646   1 !
;    76           0647   1 ! OWN STORAGE:
;    77           0648   1 !
;    78           0649   1 !       NONE
;    79           0650   1 !
;    80           0651   1 ! EXTERNAL REFERENCES:
;    81           0652   1 !
;    82           0653   1 !       In the routine
```

```
1 %SBTTL 'EDT$$WORD_WRAP - do word wrapping'
1
1 GLOBAL ROUTINE EDT$$WORD_WRAP                         ! Do word wrapping
1     =
1
1 !++
1 ! FUNCTIONAL DESCRIPTION:
1 !
1 !       This routine is called after text has been inserted to do word wrapping
1 !       if any is called for.
1 !
1 ! FORMAL PARAMETERS:
1 !
1 !       NONE
1 !
1 ! IMPLICIT INPUTS:
1 !
1 !       EDT$$T_LN_BUF
1 !       EDT$$A_LN_PTR
1 !       EDT$$A_LN_END
1 !       EDT$$G_WD_WRAP
1 !
1 ! IMPLICIT OUTPUTS:
1 !
1 !       NONE
1 !
1 ! ROUTINE VALUE:
1 !
1 !       Always 1.
1 !
1 ! SIDE EFFECTS:
1 !
1 !       NONE
1 !
1 !--
1
2     BEGIN
2
2     EXTERNAL ROUTINE
2         EDT$$FMT_CHWID,
2         EDT$$CS_LEFT,
2         EDT$$CS_RIGHT,
2         EDT$$FND_BWD,
2         EDT$$SPLT_LNINS;
2
2     EXTERNAL
2         EDT$$T_LN_BUF,                         ! Current line buffer.
2         EDT$$A_LN_PTR,                         ! Current character pointer.
2         EDT$$A_LN_END,                         ! End of current line pointer.
2         EDT$$G_WD_WRAP;                        ! Word wrap point.
2
2     LOCAL
2         CP,
2         SAVE_POINT,
2         DIFF,
2         COL;
2
```

```
;  141      0711  2 !+
;  142      0712  2 ! Do nothing if there is no word wrapping.
;  143      0713  2 !-
;  144      0714  2
;  145      0715  3     IF (.EDT$$G_WD_WRAP NEQ 256)
;  146      0716  2     THEN
;  147      0717  3         BEGIN
;  148      0718  3 !+
;  149      0719  3 ! Compute the current cursor position.
;  150      0720  3 !-
;  151      0721  3         COL = 0;
;  152      0722  3         CP = CH$PTR (EDT$$T_LN_BUF);
;  153      0723  3
;  154      0724  3         WHILE CH$PTR_NEQ (.CP, .EDT$$A_LN_PTR) DO
;  155      0725  3             COL = .COL + EDT$$FMT_CHWID (CH$RCHAR_A (CP), .COL);
;  156      0726  3
;  157      0727  3 !+
;  158      0728  3 ! If the current column is beyond the wrap point, wrap the line.
;  159      0729  3 !-
;  160      0730  3
;  161      0731  4         IF (.COL GTR .EDT$$G_WD_WRAP)
;  162      0732  3         THEN
;  163      0733  4             BEGIN
;  164      0734  4             SAVE_POINT = .EDT$$A_LN_PTR;
;  165      0735  4             EDT$$CS_LEFT ();
;  166      0736  4
;  167      0737  4             IF (CH$RCHAR (.EDT$$A_LN_PTR) EQL %C' ') THEN EDT$$CS_RIGHT () ELSE EDT$$FND_BWD (1);
;  168      0738  4
;  169      0739  4             DIFF = CH$DIFF (.SAVE_POINT, .EDT$$A_LN_PTR);
;  170      0740  4
;  171      0741  4             IF CH$PTR_NEQ (.EDT$$A_LN_PTR, CH$PTR (EDT$$T_LN_BUF)) THEN EDT$$SPLT_LNINS (1);    ! Use optimi
;  172      0742  4
;  173      0743  4             EDT$$A_LN_PTR = CH$PLUS (.EDT$$A_LN_PTR, .DIFF);
;  174      0744  3             END;
;  175      0745  3
;  176      0746  2         END;
;  177      0747  2
;  178      0748  2     RETURN (1);
;  179      0749  1     END;                                        ! of routine EDT$$WORD_WRAP


                                                                 .TITLE  EDT$WORDWRAP EDT$WORDWRAP - do word wrapping
                                                                 .IDENT  \V04-000\

                                                                 .EXTRN  EDT$$FMT_CHWID, EDT$$CS_LEFT
                                                                 .EXTRN  EDT$$CS_RIGHT, EDT$$FND_BWD
                                                                 .EXTRN  EDT$$SPLT_LNINS
                                                                 .EXTRN  EDT$$T_LN_BUF, EDT$$A_LN_PTR
                                                                 .EXTRN  EDT$$A_LN_END, EDT$$G_WD_WRAP

                                                                 .PSECT  _EDT$CODE NOWRT,  SHR,  PIC,2

                                          007C 00000             .ENTRY  EDT$$WORD_WRAP, Save R2,R3,R4,R5,R6      ; 0656
                    56 00000000G  00   9E 00002                  MOVAB   EDT$$G_WD_WRAP, R6                       ;
                    55 00000000G  00   9E 00009                  MOVAB   EDT$$T_LN_BUF, R5                        ;
                    54 00000000G  00   9E 00010                  MOVAB   EDT$$A_LN_PTR, R4                        ;
        00000100    8F            66   D1 00017                  CMPL    EDT$$G_WD_WRAP, #256                     ; 0715
```

```
                           5E   13 0001E          BEQL    6$                                     ;
                           53   D4 00020          CLRL    COL                                    ; 0721
                 52        65   9E 00022          MOVAB   EDT$$T_LN_BUF, CP                      ; 0722
                 64        52   D1 00025 1$:      CMPL    CP, EDT$$A_LN_PTR                      ; 0724
                           11   13 00028          BEQL    2$                                     ;
                           53   DD 0002A          PUSHL   COL                                    ; 0725
                 7E        82   9A 0002C          MOVZBL  (CP)+, -(SP)                           ;
      00000000G  00        02   FB 0002F          CALLS   #2, EDT$$FMT_CHWID                     ;
                 53        5C   C0 00036          ADDL2   R0, COL                                ;
                           EA   11 00039          BRB     1$                                     ;
                 66        53   D1 0003B 2$:      CMPL    COL, EDT$$G_WD_WRAP                    ; 0731
                           3E   15 0003E          BLEQ    6$                                     ;
                 52        64   D0 00040          MOVL    EDT$$A_LN_PTR, SAVE_POINT              ; 0734
      00000000G  00        00   FB 00043          CALLS   #0, EDT$$CS_LEFT                       ; 0735
                 50        64   D0 0004A          MOVL    EDT$$A_LN_PTR, R0                      ; 0737
                 20        60   91 0004D          CMPB    (R0), #32                              ;
                           C9   12 00050          BNEQ    3$                                     ;
      00000000G  00        00   FB 00052          CALLS   #0, EDT$$CS_RIGHT                      ;
                           09   11 00059          BRB     4$                                     ;
                           01   DD 0005B 3$:      PUSHL   #1                                     ;
      00000000G  00        01   FB 0005D          CALLS   #1, EDT$$FND_BWD                       ;
                 51        64   D0 00064 4$:      MOVL    EDT$$A_LN_PTR, R1                      ; 0739
                 52        51   C2 00067          SUBL2   R1, DIFF                               ;
                 50        65   9E 0006A          MOVAB   EDT$$T_LN_BUF, R0                      ; 0741
                 50        51   D1 0006D          CMPL    R1, R0                                 ;
                           09   13 00070          BEQL    5$                                     ;
                           01   DD 00072          PUSHL   #1                                     ;
      00000000G  00        01   FB 00074          CALLS   #1, EDT$$SPLT_LNINS                    ;
                 64        52   C0 0007B 5$:      ADDL2   DIFF, EDT$$A_LN_PTR                    ; 0743
                 50        01   D0 0007E 6$:      MOVL    #1, R0                                 ; 0748
                                04 00081          RET                                            ; 0749

; Routine Size:  130 bytes,    Routine Base:  _EDT$CODE + 0000


;  180          0750  1
;  181          0751  1 !<BLF/PAGE>
;  183          0752  1 END                                                  ! of module EDT$WORDWRAP
;  184          0753  1
;  185          0754  0 ELUDOM



;                                         PSECT SUMMARY
;
;      Name                         Bytes                           Attributes
;
;   _EDT$CODE                            130  NOVEC,NOWRT,  RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)




;                                 Library Statistics
;
;                                                  -------- Symbols --------      Pages       Processing
;      File                                        Total    Loaded   Percent      Mapped      Time
;
;   _$255$DUA28:[EDT.SRC]EDT.L32;1                   377         1         0         40          00:00.2
;   _$255$DUA28:[EDT.SRC]PSECTS.L32;1                  2         1        50          7          00:00.1




;                                          COMMAND QUALIFIERS

;      BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:WORDWRAP/OBJ=OBJ$:WORDWRAP MSRC$:WORDWRAP.BLI/UPDATE=(ENH$:WORD
;      WRAP)

; Size:          130 code + 0 data bytes
; Run Time:         00:11.6
; Elapsed Time:     00:14.9
; Lines/CPU Min:     3910
; Lexemes/CPU-Min: 10983
; Memory Used:  74 pages
; Compilation Complete
```

0142 AH-BT13A-SE
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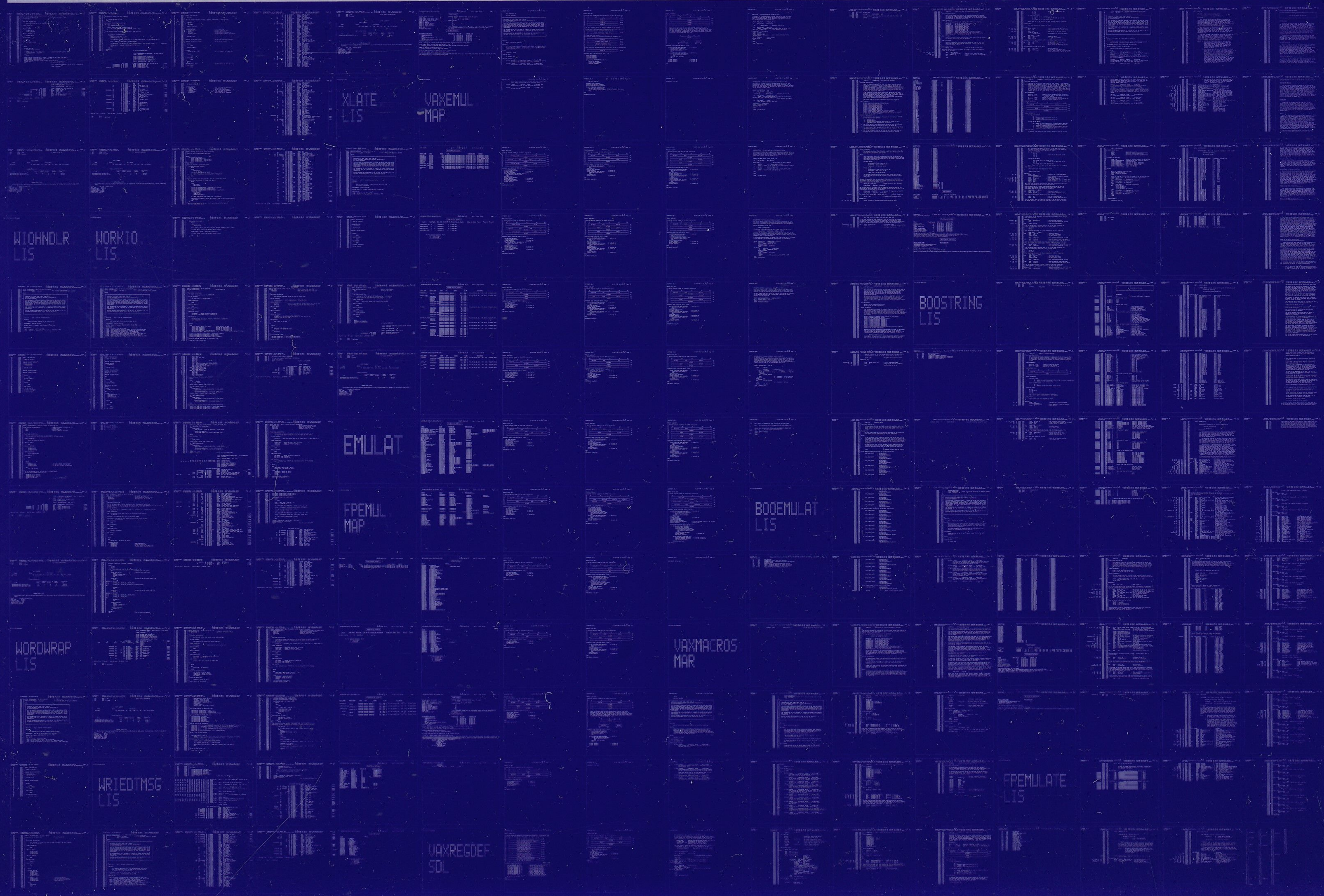

XLATE
LIS

VAXEMUL
MAP

WIOHNDLR
LIS

WORKIO
LIS

BOOSTRING
LIS

EMULAT

FPEMUL
MAP

BOOEMULAT
LIS

WORDWRAP
LIS

VAXMACROS
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WRIEDTMSG
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FPEMULATE
LIS

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