


```

SSSSSSSS  CCCCCCCC  RRRRRRRR  MM      MM  CCCCCCCC  000000  LL
SSSSSSSS  CCCCCCCC  RRRRRRRR  MM      MM  CCCCCCCC  000000  LL
SS         CC         RR      RR  MMMM  MMMM  CC         00         00  LL
SS         CC         RR      RR  MMMM  MMMM  CC         00         00  LL
SS         CC         RR      RR  MM  MM  MM  CC         00         00  LL
SSSSSS    CC         RRRRRRRR  MM      MM  CC         00         00  LL
SSSSSS    CC         RRRRRRRR  MM      MM  CC         00         00  LL
          SS        RR  RR      MM      MM  CC         00         00  LL
          SS        RR  RR      MM      MM  CC         00         00  LL
          SS        RR      RR  MM      MM  CC         00         00  LL
          SS        RR      RR  MM      MM  CC         00         00  LL
SSSSSSSS  CCCCCCCC  RR      RR  MM      MM  CCCCCCCC  000000  LL
SSSSSSSS  CCCCCCCC  RR      RR  MM      MM  CCCCCCCC  000000  LL

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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

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0001 0 %TITLE 'EDTSSCRMCOL - match column'
0002 0 MODULE EDTSSCRMCOL ( ! Match column
0003 0 IDENT = 'V04-000' ! File: SCRMCOL.BLI Edit: SMB1004
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module fixes up the column after a vertical move.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: September 8, 1979
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 12-Feb-1981. This module was created by
0045 1 extracting the routine EDTSSC MATCHCOL from module SCREEN.
0046 1 1-002 - Regularize headers. JBS 13-Mar-1981
0047 1 1-003 - Don't use the screen data base, since the current line may not
0048 1 be on the screen. JBS 10-Sep-1982
0049 1 1-004 - Remove references to globals that aren't there. SMB 22-Sep-1982
0050 1
0051 1

```

```
.. 53 0052 1 %SBTTL 'Declarations'  
.. 54 0053 1 |  
.. 55 0054 1 | TABLE OF CONTENTS:  
.. 56 0055 1 |  
.. 57 0056 1 |  
.. 58 0057 1 REQUIRE 'EDT SRC:TRAROUNAM';  
.. 59 0496 1 |  
.. 60 0497 1 FORWARD ROUTINE  
.. 61 0498 1 EDTSSC_MATCHCOL : NOVALUE;  
.. 62 0499 1 |  
.. 63 0500 1 |  
.. 64 0501 1 | INCLUDE FILES:  
.. 65 0502 1 |  
.. 66 0503 1 |  
.. 67 0504 1 REQUIRE 'EDT SRC:EDTREQ';  
.. 68 0639 1 |  
.. 69 0640 1 |  
.. 70 0641 1 | MACROS:  
.. 71 0642 1 |  
.. 72 0643 1 | NONE  
.. 73 0644 1 |  
.. 74 0645 1 | EQUATED SYMBOLS:  
.. 75 0646 1 |  
.. 76 0647 1 | NONE  
.. 77 0648 1 |  
.. 78 0649 1 | OWN STORAGE:  
.. 79 0650 1 |  
.. 80 0651 1 | NONE  
.. 81 0652 1 |  
.. 82 0653 1 | EXTERNAL REFERENCES:  
.. 83 0654 1 |  
.. 84 0655 1 | In the routine
```

```
86 0656 1 %SBTTL 'EDTSSSC_MATCHCOL - match column'
87 0657 1
88 0658 1 GLOBAL ROUTINE EDTSSSC_MATCHCOL          ! Match column
89 0659 1 : NOVALUE =
90 0660 1
91 0661 1 +-
92 0662 1 | FUNCTIONAL DESCRIPTION:
93 0663 1 |
94 0664 1 |     Match column. This routine is called when a vertical arrow has been used to
95 0665 1 |     move the cursor. We have already moved to the new line, now we will try to
96 0666 1 |     match the column we were previously in. The column we are trying to hit is
97 0667 1 |     EDTSSG_COL . We start at the beginning of the line and keep moving
98 0668 1 |     forward by a character until the next character would cause the column to exceed
99 0669 1 |     EDTSSG_COL .
100 0670 1
101 0671 1 FORMAL PARAMETERS:
102 0672 1
103 0673 1     NONE
104 0674 1
105 0675 1 IMPLICIT INPUTS:
106 0676 1
107 0677 1     EDTSSG_COL
108 0678 1     EDTSST_LN_BUF
109 0679 1     EDTSSA_LN_END
110 0680 1
111 0681 1 IMPLICIT OUTPUTS:
112 0682 1
113 0683 1     EDTSSG_CUR_COL
114 0684 1     EDTSSA_LN_PTR
115 0685 1     EDTSSG_CS_LNO
116 0686 1
117 0687 1 ROUTINE VALUE:
118 0688 1
119 0689 1     NONE
120 0690 1
121 0691 1 SIDE EFFECTS:
122 0692 1
123 0693 1     NONE
124 0694 1
125 0695 1 --
126 0696 1
127 0697 2 BEGIN
128 0698 2
129 0699 2 EXTERNAL ROUTINE
130 0700 2     EDTSSFMT_CHWID;          ! Compute the width of a character
131 0701 2
132 0702 2 EXTERNAL
133 0703 2     EDTSSG_COL,              ! The column we should be on.
134 0704 2     EDTSSG_CUR_COL,      ! current cursor column
135 0705 2     EDTSST_LN_BUF,      ! Current line buffer.
136 0706 2     EDTSSA_LN_PTR,      ! Current character pointer.
137 0707 2     EDTSSA_LN_END;      ! End of current line pointer.
138 0708 2
139 0709 2 LOCAL
140 0710 2     NEXT_COL;
141 0711 2
142 0712 2     EDTSSA_LN_PTR = CH$PTR (EDTSST_LN_BUF);
```

```

: 143      0713 2      EDT$$G_CUR_COL = 0;
: 144      0714 2      NEXT_COL = 0;
: 145      0715 2
: 146      0716 2      WHILE CH$PTR_NEQ (.EDT$$A_LN_END, .EDT$$A_LN_PTR) DO
: 147      0717 2      BEGIN
: 148      0718 2      NEXT_COL = .NEXT_COL + EDT$$FMT_CHWID (CH$RCHAR (.EDT$$A_LN_PTR), .NEXT_COL);
: 149      0719 2
: 150      0720 2      IF (.NEXT_COL GTR .EDT$$G_COL) THEN EXITLOOP;
: 151      0721 2
: 152      0722 2      EDT$$A_LN_PTR = CH$PLUS (.EDT$$A_LN_PTR, 1);
: 153      0723 2      EDT$$G_CUR_COL = .NEXT_COL;
: 154      0724 2      END;
: 155      0725 2
: 156      0726 1      END;

```

! of routine EDTSSSC_MATCHCOL

```

.TITLE EDTSSCRMCOL EDTSSCRMCOL - match column
.IDENT \V04-000\

.EXTRN EDT$$FMT_CHWID, EDT$$G_COL
.EXTRN EDT$$G_CUR_COL, EDT$$T_LN_BUF
.EXTRN EDT$$A_LN_PTR, EDT$$A_LN_END

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

.ENTRY EDTSSSC_MATCHCOL, Save R2,R3,R4      : 0658
MOVAB EDT$$G_CUR_COL, R4
MOVAB EDT$$A_LN_PTR, R3
MOVAB EDT$$T_LN_BUF, EDT$$A_LN_PTR
CLRL EDT$$G_CUR_COL
CLRL NEXT_COL
MOVL EDT$$A_LN_PTR, R0
CMPL EDT$$A_LN_END, R0
BEQL 2$
PUSHL NEXT_COL
MOVZBL (R0), -(SP)
CALLS #2, EDT$$FMT_CHWID
ADDL2 R0, NEXT_COL
CMPL NEXT_COL, EDT$$G_CUR_COL
BGTR 2$
INCL EDT$$A_LN_PTR
MOVL NEXT_COL, EDT$$G_CUR_COL
BRB 1$
RET

```

: Routine Size: 71 bytes, Routine Base: _EDT\$CODE + 0000

```

: 157      0727 1
: 158      0728 1 !<BLF/PAGE>

```

EDT\$SCRMCOL
V04-000

EDT\$SCRMCOL - match column
EDT\$SC_MATCHCOL - match column

L 3
16-Sep-1984 01:36:20
14-Sep-1984 12:24:31

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]SCRMCOL.BLI;1 Page 5 (4)

: 160
: 161
: 162
0729 1 END
0730 1
0731 0 ELUDOM

! of module EDT\$SCRMCOL

PSECT SUMMARY

Name Bytes Attributes
:_EDT\$CODE 71 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing 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\$:SCRMCOL/OBJ=OBJ\$:SCRMCOL MSRC\$:SCRMCOL.BLI/UPDATE=(ENH\$:SCRMCOL)

: Size: 71 code + 0 data bytes
: Run Time: 00:10.1
: Elapsed Time: 00:12.4
: Lines/CPU Min: 4351
: Lexemes/CPU-Min: 11863
: Memory Used: 62 pages
: Compilation Complete

**F1

