



```

CCCCCCCC HH   HH MM   MM   SSSSSSSS EEEEEEEEE LL   PPPPPPP 00000 SSSSSSS
CCCCCCCC HH   HH MM   MM   SSSSSSSS EEEEEEEEE LL   PPPPPPP 00000 SSSSSSS
CC        HH   HH MMMM MMMM SS        EE        LL   PP   PP 00   00 SS
CC        HH   HH MMMM MMMM SS        EE        LL   PP   PP 00   00 SS
CC        HH   HH MM   MM   SS        EE        LL   PP   PP 00   00 SS
CC        HH   HH MM   MM   SS        EE        LL   PP   PP 00   00 SS
CC        HHHHHHHHHH MM   MM   SSSSSS  EEEEEEE LL   PPPPPPP 00   00 SSSSS
CC        HHHHHHHHHH MM   MM   SSSSSS  EEEEEEE LL   PPPPPPP 00   00 SSSSS
CC        HH   HH MM   MM   SS        EE        LL   PP   PP 00   00 SS
CC        HH   HH MM   MM   SS        EE        LL   PP   PP 00   00 SS
CC        HH   HH MM   MM   SS        EE        LL   PP   PP 00   00 SS
CC        HH   HH MM   MM   SS        EE        LL   PP   PP 00   00 SS
CCCCCCCC HH   HH MM   MM   SSSSSSSS EEEEEEEEE LLLLLLLLLL PP   PP 00000 SSSSSSS
CCCCCCCC HH   HH MM   MM   SSSSSSSS EEEEEEEEE LLLLLLLLLL PP   PP 00000 SSSSSSS

```

```

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
LLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLL IIIIII SSSSSSSS

```

```
1 0001 0 XTITLE 'EDT$CHMSELPOS - test position of select range'  
2 0002 0 MODULE EDT$CHMSELPOS ( ! Test position of select range  
3 0003 0 IDENT = 'V04-000' ! File: CHMSELPOS.BLI Edit: JBS1005  
4 0004 0 ) =  
5 0005 1 BEGIN  
6 0006 1  
7 0007 1 *****  
8 0008 1 *  
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *  
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26 0026 1 *  
27 0027 1 *  
28 0028 1 *****  
29 0029 1  
30 0030 1  
31 0031 1 ++  
32 0032 1 FACILITY: EDT -- The DEC Standard Editor  
33 0033 1  
34 0034 1 ABSTRACT:  
35 0035 1  
36 0036 1 This module compares the current line to the select range.  
37 0037 1  
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant  
39 0039 1  
40 0040 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown  
41 0041 1  
42 0042 1 MODIFIED BY:  
43 0043 1  
44 0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by  
45 0045 1 extracting the routine EDT$$$SEL_RNGPOS from module CHANGE.BLI.  
46 0046 1 1-002 - Regularize headers. JBS 03-Mar-1981  
47 0047 1 1-003 - Make some minor edits, for esthetics. JBS 02-Jun-1981  
48 0048 1 1-004 - Convert to new compare line number macro. STS 20-Oct-1982  
49 0049 1 1-005 - Maintain select information until screen update is done with it. JBS 02-Dec-1982  
50 0050 1 --  
51 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 EDT$$SEL_RNGPOS; . Compare the select line with the current line  
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 'EDT$$$SEL_RNGPOS - test position of select range'
87 0657 1
88 0658 1 GLOBAL ROUTINE EDT$$$SEL_RNGPOS          ! Test position of select range
89 0659 1 =
90 0660 1
91 0661 1 |**
92 0662 1 | FUNCTIONAL DESCRIPTION:
93 0663 1 |
94 0664 1 |     This little routine returns a comparison between the select line
95 0665 1 |     and the current line as follows:
96 0666 1 |
97 0667 1 |         -1 if the select is before the current line or there is no select
98 0668 1 |         0  if it is on the current line
99 0669 1 |         1  if it is after the current line
100 0670 1 |
101 0671 1 |     This is useful, because, when text is changed, the select position is
102 0672 1 |     affected only if it is on or after the current line.
103 0673 1 |
104 0674 1 | FORMAL PARAMETERS:
105 0675 1 |
106 0676 1 |     NONE
107 0677 1 |
108 0678 1 | IMPLICIT INPUTS:
109 0679 1 |
110 0680 1 |     EDT$$A_SEL_BUF
111 0681 1 |     EDT$$A_OLD_SEL
112 0682 1 |     EDT$$L_SEL_LN
113 0683 1 |     EDT$$A_CUR_BUF
114 0684 1 |
115 0685 1 | IMPLICIT OUTPUTS:
116 0686 1 |
117 0687 1 |     NONE
118 0688 1 |
119 0689 1 | ROUTINE VALUE:
120 0690 1 |
121 0691 1 |     -1 if the select is before the current line or there is no select
122 0692 1 |     0  if the select is on the current line
123 0693 1 |     1  if the select is after the current line
124 0694 1 |
125 0695 1 | SIDE EFFECTS:
126 0696 1 |
127 0697 1 |     NONE
128 0698 1 |
129 0699 1 | --
130 0700 1 |
131 0701 2 | BEGIN
132 0702 2 |
133 0703 2 | EXTERNAL
134 0704 2 |     EDT$$A_SEL_BUF,           : Pointer to select buffer.
135 0705 2 |     EDT$$L_SEL_LN : LN_BLOCK, : Relative line number of select.
136 0706 2 |     EDT$$A_CUR_BUF : REF TBCB_BLOCK, : The current buffer tpcb
137 0707 2 |     EDT$$A_OLD_SEL;          : Pointer to old select buffer
138 0708 2 |
139 0709 3 | IF ((.EDT$$A_SEL_BUF NEQA .EDT$$A_CUR_BUF) AND (.EDT$$A_OLD_SEL NEQA .EDT$$A_CUR_BUF))
140 0710 2 | THEN
141 0711 3 |     RETURN (-1)              ! No select in this buffer
142 0712 2 | ELSE

```

EDT\$CHMSELPOS  
V04-000

EDT\$CHMSELPOS - test position of select range  
EDT\$\$SEL\_RNGPOS - test position of select rang

F 11  
16-Sep-1984 00:11:27  
14-Sep-1984 12:22:46

VAX-11 Bliss-32 V4.0-742  
[EDT.SRC]CHMSELPOS.BLI;1

EDT\$  
V04-

: 143 0713 2 RETURN (CMPLNO (EDT\$\$L\_SEL\_LN, EDT\$\$A\_CUR\_BUF [TBCB\_CUR\_LIN]));  
: 144 0714 2  
: 145 0715 1 END;

! of routine EDT\$\$SEL\_RNGPOS

.TITLE EDT\$CHMSELPOS EDT\$CHMSELPOS - test position of  
select range

.IDENT \V04-000\

.EXTRN EDT\$\$A\_SEL\_BUF, EDT\$\$L\_SEL\_LN  
.EXTRN EDT\$\$A\_CUR\_BUF, EDT\$\$A\_OLD\_SEL

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

.ENTRY EDT\$\$SEL\_RNGPOS, Save nothing

MOVL EDT\$\$A\_CUR\_BUF, R0

CMPL EDT\$\$A\_SEL\_BUF, R0

BEQL 1\$

CMPL EDT\$\$A\_OLD\_SEL, R0

BNEQ 2\$

MOVZWL HIGH 1, R1

CMPW 10(R0), R1

BGTRU 2\$

BNEQ 4\$

MOVL LOW 1, R1

CMPL R1, -6(R0)

BGEQU 3\$

MNEGL #1, R0

RET

BNEQ 4\$

CLRL R0

RET

MOVL #1, R0

RET

0000 00000  
50 00000000G 00 D0 00002  
50 00000000G 00 D1 00009  
09 13 00010  
50 00000000G 00 D1 00012  
1C 12 00019  
51 00000000G 00 3C 0001B 1\$:  
51 0A A0 B1 00022  
0F 1A 00026  
16 12 00028  
06 51 00000000G 00 D0 0002A  
A0 51 D1 00031  
04 1E 00035  
50 01 CE 00037 2\$:  
04 0003A  
03 12 0003B 3\$:  
50 D4 0003D  
04 0003F  
50 01 D0 00040 4\$:  
04 00043

: 0658  
: 0709  
: 0713  
: 0715

: Routine Size: 68 bytes, Routine Base: \_EDT\$CODE + 0000

: 146 0716 1  
: 147 0717 1 END  
: 148 0718 1 !<BLF/PAGE>

! of module EDT\$CHMSELPOS



CHMMRCHG LIS	CHMPARSEN LIS	CHMSELPOS LIS	CHMSPLLIN LIS	DATA LIS
CHMUNDEL LIS	COMMAND LIS	CHMONSTR LIS	CHMSAVPOS LIS	CHMSCHSTR LIS
CHMREPOS LIS	CHMMESS LIS	CHMPASTE LIS	CHMSENDEL LIS	CHMTADJ LIS
CHMSAVTXT LIS	CHMNEWLEN LIS	CHMPARSE LIS	CHMSAVLIN LIS	CLRKEY LIS
CHMSUBS LIS				