


```

CCCCCCCC HH   HH   MM   MM   SSSSSSSS EEEEEEEEE LL   PPPPPPPP 000000 SSSSSSSS
CCCCCCCC HH   HH   MM   MM   SSSSSSSS EEEEEEEEE LL   PPPPPPPP 000000 SSSSSSSS
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   PPPPPPPP 00   00   SSSSSS
CC        HHHHHHHHHH MM   MM   SSSSSS   EEEEEEE   LL   PPPPPPPP 00   00   SSSSSS
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   000000 SSSSSSSS
CCCCCCCC HH   HH   MM   MM   SSSSSSSS EEEEEEEEE LLLLLLLLLL PP   000000 SSSSSSSS

```

```

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 %TITLE '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 'EDTSRC:TRAROUNAM';  
59 0496 1 :  
60 0497 1 FORWARD ROUTINE  
61 0498 1 EDT$$SEL_RNGPOS;  
62 0499 1 :  
63 0500 1 :  
64 0501 1 : INCLUDE FILES:  
65 0502 1 :  
66 0503 1 :  
67 0504 1 REQUIRE 'EDTSRC: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
```

```
: Compare the select line with the current line
```



```

: 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$$A_CUR_BUF : REF TBCB_BLOCK, ! The current buffer tbc
:137     0707 2 |     EDT$$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

: 143 0713 2 RETURN (CMLNO (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

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

.ENTRY EDT\$\$SEL_RNGPOS, Save nothing
MOVL EDT\$\$A_CUR_BUF, R0
CML EDT\$\$A_SEL_BUF, R0
BEQL 1\$
CML EDT\$\$A_OLD_SEL, R0
BNEQ 2\$
MOVZWL HIGH 1, R1
CMPW 10(R0), R1
BGTRU 2\$
BNEQ 4\$
MOVL LOW 1, R1
CML R1, -6(R0)
BGEQU 3\$
MNEGL #1, R0
RET
BNEQ 4\$
CLRL R0
RET
MOVL #1, R0
RET

: 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

: 150
 : 151 0719 1
 : 0720 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	68	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	30	7	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\$:CHMSELPOS/OBJ=OBJ\$:CHMSELPOS MSRC\$:CHMSELPOS.BLI/UPDATE=(ENH\$:CHMSELPOS)

: Size: 68 code + 0 data bytes
 : Run Time: 00:10.7
 : Elapsed Time: 00:12.6
 : Lines/CPU Min: 4052
 : Lexemes/CPU-Min: 12596
 : Memory Used: 72 pages
 : Compilation Complete

EDT\$
 V04-
 : 1
 : 1
 : 1
 : 1
 : 1
 : 1
 : 1
 : 1
 : 1
 : 1
 : 1

: Rc
 : 1

CHMMRCHG LIS	CHMPARSEN LIS	CHMSAVPOS LIS	CHMSCHSTR LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS
CHMONSTR LIS	CHMSAVPOS LIS	CHMSCHSTR LIS	CHMREPOS LIS	CHMSENDER LIS		
CHMMESS LIS	CHMPASTE LIS	CHMSENDER LIS	CHMTAD LIS			
CHMNEWLEN LIS	CHMPARSE LIS	CHMSAVIN LIS	CHMSAVTXT LIS	CLRKEY LIS		
CHMSUBS LIS						