


```

CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AAAAAA   VV   VV   PPPPPPPP   000000   SSSSSSSS
CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AAAAAA   VV   VV   PPPPPPPP   000000   SSSSSSSS
CC        HH   HH   MMMM  MMMM  SS        AA   AA   VV   VV   PP   PP   00   00   SS   SSSSSSSS
CC        HH   HH   MMMM  MMMM  SS        AA   AA   VV   VV   PP   PP   00   00   SS   SSSSSSSS
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   PP   PP   00   00   SS   SSSSSSSS
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   PP   PP   00   00   SS   SSSSSSSS
CC        HHHHHHHHHH MM   MM   SSSSSS   AA   AA   VV   VV   PPPPPPPP 00   00   SS   SSSSSS
CC        HHHHHHHHHH MM   MM   SSSSSS   AA   AA   VV   VV   PPPPPPPP 00   00   SS   SSSSSS
CC        HH   HH   MM   MM   SS        AAAAAAAAAA VV   VV   PP   PP   00   00   SS   SS
CC        HH   HH   MM   MM   SS        AAAAAAAAAA VV   VV   PP   PP   00   00   SS   SS
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   PP   PP   00   00   SS   SS
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   PP   PP   00   00   SS   SS
CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AA   AA   VV   VV   PP   PP   000000 000000  SSSSSSSS
CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AA   AA   VV   VV   PP   PP   000000 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
LLLLLLLLLL IIIIII   SSSSSSSS
LLLLLLLLLL IIIIII   SSSSSSSS

```



```
1 0001 0 %TITLE 'EDT$CHMSAVPOS - save the current buffer position'  
2 0002 0 MODULE EDT$CHMSAVPOS ( ! Save the current buffer position  
3 0003 0 IDENT = 'V04-000' ! File: CHMSAVPOS.BLI Edit: JBS1003  
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 saves the current buffer position in a  
37 0037 1 position block.  
38 0038 1  
39 0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant  
40 0040 1  
41 0041 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown  
42 0042 1  
43 0043 1 MODIFIED BY:  
44 0044 1  
45 0045 1 1-001 - Original. DJS 04-Feb-1981. This module was created by  
46 0046 1 extracting the routine EDT$$SAV_BUFPOS from module CHANGE.BLI.  
47 0047 1 1-002 - Regularize headers. JBS 03-Mar-1981  
48 0048 1 1-003 - Improve the appearance of the listing. JBS 13-Jun-1983  
49 0049 1 --  
50 0050 1
```

```
: 52      0051 1 %SBTTL 'Declarations'  
: 53      0052 1 |  
: 54      0053 1 | TABLE OF CONTENTS:  
: 55      0054 1 |  
: 56      0055 1 |  
: 57      0056 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
: 58      0495 1 |  
: 59      0496 1 FORWARD ROUTINE  
: 60      0497 1     EDT$$$SAV_BUFPOS : NOVALUE;  
: 61      0498 1 |  
: 62      0499 1 |  
: 63      0500 1 | INCLUDE FILES:  
: 64      0501 1 |  
: 65      0502 1 |  
: 66      0503 1 REQUIRE 'EDT$SRC:EDTREQ';  
: 67      0638 1 |  
: 68      0639 1 |  
: 69      0640 1 | MACROS:  
: 70      0641 1 |  
: 71      0642 1 |     NONE  
: 72      0643 1 |  
: 73      0644 1 | EQUATED SYMBOLS:  
: 74      0645 1 |  
: 75      0646 1 |     NONE  
: 76      0647 1 |  
: 77      0648 1 | OWN STORAGE:  
: 78      0649 1 |  
: 79      0650 1 |     NONE  
: 80      0651 1 |  
: 81      0652 1 | EXTERNAL REFERENCES:  
: 82      0653 1 |  
: 83      0654 1 |     In the routine
```

! Save the current buffer position


```

85 0655 1 %SBTTL 'EDT$$$AV_BUFPOS - save the current buffer position'
86 0656 1
87 0657 1 GLOBAL ROUTINE EDT$$$AV_BUFPOS (           ! Save the current buffer position
88 0658 1     POS                                     ! the position block in which to save
89 0659 1     ) : NOVALUE =
90 0660 1
91 0661 1 ++
92 0662 1 FUNCTIONAL DESCRIPTION:
93 0663 1
94 0664 1     This routine saves the current buffer position in a position block.
95 0665 1
96 0666 1 FORMAL PARAMETERS:
97 0667 1
98 0668 1     POS                 The position block in which the current buffer position
99 0669 1                       is to be saved
100 0670 1
101 0671 1 IMPLICIT INPUTS:
102 0672 1
103 0673 1     EDT$$A_CUR_BUF
104 0674 1     EDT$$T_LN_BUF
105 0675 1     EDT$$A_LN_PTR
106 0676 1
107 0677 1 IMPLICIT OUTPUTS:
108 0678 1
109 0679 1     NONE
110 0680 1
111 0681 1 ROUTINE VALUE:
112 0682 1
113 0683 1     NONE
114 0684 1
115 0685 1 SIDE EFFECTS:
116 0686 1
117 0687 1     NONE
118 0688 1
119 0689 1 --
120 0690 1
121 0691 2 BEGIN
122 0692 2
123 0693 2 EXTERNAL ROUTINE
124 0694 2     EDT$$RPL_CHGDLN;           ! Declare current line as changed
125 0695 2
126 0696 2 EXTERNAL
127 0697 2     EDT$$A_CUR_BUF : REF TBCB_BLOCK,   ! The current buffer tbc
128 0698 2     EDT$$T_LN_BUF,                   ! Current line buffer
129 0699 2     EDT$$A_LN_PTR;                   ! Current character pointer
130 0700 2
131 0701 2 MAP
132 0702 2     POS : REF POS_BLOCK;
133 0703 2
134 0704 2 ++
135 0705 2 Update the current line if necessary.
136 0706 2 --
137 0707 2 EDT$$RPL_CHGDLN ();
138 0708 2 EDT$$CPY_MEM (POS SIZE, .EDT$$A_CUR_BUF, .POS);
139 0709 2 POS [POS_CHAR_POS] = CH$DIFF (.EDT$$A_LN_PTR, CH$PTR (EDT$$T_LN_BUF));
140 0710 2 END;           ! of routine EDT$$$AV_BUFPOS
```

;

.TITLE EDT\$CHMSAVPOS EDT\$CHMSAVPOS - save the current
buffer positio

.IDENT \V04-000\

.EXTRN EDT\$\$RPL CHGDLN

.EXTRN EDT\$\$A_CUR_BUF, EDT\$\$T_LN_BUF

.EXTRN EDT\$\$A_LN_PTR

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

.ENTRY EDT\$\$\$AV_BUFPOS, Save R2,R3,R4,R5,R6

CALLS #0, EDT\$\$RPL CHGDLN

MOVL EDT\$\$A_CUR_BUF, R0

MOVL POS, R6

MOVCL #14, (R0), (R6)

MOVAB EDT\$\$T_LN_BUF, R0

SUBW3 R0, EDT\$\$A_LN_PTR, 12(R6)

RET

: 0657
: 0707
: 0708
:
: 0709
: 0710

				007C	00000
	00000000G	00		FB	00002
		50	00000000G	00	D0 00009
		56		04	AC D0 00010
66		60		0E	28 00014
		50	00000000G	00	9E 00018
0C	A6	00000000G	00	50	A3 0001F
				04	00028

; Routine Size: 41 bytes, Routine Base: _EDT\$CODE + 0000

: 141 0711 1
: 142 0712 1 !<BLF/PAGE>

.....

EDT\$CHMSAVPOS
V04-000

EDT\$CHMSAVPOS - save the current buffer positio
EDT\$\$\$SAV_BUFPOS - save the current buffer posi

J 9
16-Sep-1984 00:09:55
14-Sep-1984 12:22:43

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

Page 5
(4)

: 144 0713 1 END
: 145 0714 1
: 146 0715 0 ELUDOM

! of module EDT\$CHMSAVPOS

PSECT SUMMARY

Name Bytes Attributes
_EDT\$CODE 41 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	33	8	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\$:CHMSAVPOS/OBJ=OBJ\$:CHMSAVPOS MSRC\$:CHMSAVPOS.BLI/UPDATE=(ENH\$:C
HMSAVPOS)

: Size: 41 code + 0 data bytes
: Run Time: 00:09.4
: Elapsed Time: 00:11.9
: Lines/CPU Min: 4544
: Lexemes/CPU-Min: 12794
: Memory Used: 61 pages
: Compilation Complete

CHMMRKCHG LIS	CHMPARSEN LIS	CHMSAVPOS LIS	CHMSCHSTR LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS
CHMONSTR LIS	CHMSAVPOS LIS	CHMSCHSTR LIS	CHMREPOS LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS
CHMMESS LIS	CHMREPOS LIS	CHMUNDEL LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS	DATA LIS
CHMPASTE LIS	CHMUNDEL LIS	COMMAND LIS	COMMAND LIS	DATA LIS	DATA LIS	DATA LIS
CHMNEWLEN LIS	CHMPASTE LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS	DATA LIS	DATA LIS
CHMPARSE LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS	DATA LIS	DATA LIS	DATA LIS
CHMSAVLIN LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS	DATA LIS	DATA LIS	DATA LIS
CHMSAVTXT LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS	DATA LIS	DATA LIS	DATA LIS
CHMSAVLIN LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS	DATA LIS	DATA LIS	DATA LIS
CHMSUBS LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS	DATA LIS	DATA LIS	DATA LIS