



```

CCCCCCCC HH   HH   MM   MM   IIIIII NN   NN   SSSSSSSS TTTTTTTTTT AAAAAA  BBBB BBBB
CCCCCCCC HH   HH   MM   MM   IIIIII NN   NN   SSSSSSSS TTTTTTTTTT AAAAAA  BBBB BBBB
CC        HH   HH   MMMM MMMM   II   NN   NN   SS        TT        AA        AA  BB   BB
CC        HH   HH   MMMM MMMM   II   NN   NN   SS        TT        AA        AA  BB   BB
CC        HH   HH   MM   MM   MM   II   NNNN  NN   SS        TT        AA        AA  BB   BB
CC        HH   HH   MM   MM   MM   II   NNNN  NN   SS        TT        AA        AA  BB   BB
CC        HHHHHHHHHH MM   MM   II   NN   NN   NN   SSSSSS  TT        AA        AA  BBBB BBBB
CC        HHHHHHHHHH MM   MM   II   NN   NN   NN   SSSSSS  TT        AA        AA  BBBB BBBB
CC        HH   HH   MM   MM   II   NN   NN   NN   NN   SS        TT        AAAAAAAAAA BB   BB
CC        HH   HH   MM   MM   II   NN   NN   NN   NN   SS        TT        AAAAAAAAAA BB   BB
CC        HH   HH   MM   MM   II   NN   NN   NN   NN   SS        TT        AA        AA  BB   BB
CC        HH   HH   MM   MM   II   NN   NN   NN   NN   SS        TT        AA        AA  BB   BB
CCCCCCCC HH   HH   MM   MM   IIIIII NN   NN   SSSSSSSS TT        AA        AA  BBBB BBBB
CCCCCCCC HH   HH   MM   MM   IIIIII NN   NN   SSSSSSSS TT        AA        AA  BBBB BBBB

```

```

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

```

```

....
....
....
....

```

```

1 0001 0 %TITLE 'EDT$CHMINSTAB - reach a column'
2 0002 0 MODULE EDT$CHMINSTAB ( ! Reach a column
3 0003 0 IDENT = 'V04-000' ! File: CHMINSTAB.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 *
10 0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
11 0011 1 * ALL RIGHTS RESERVED. *
12 0012 1 *
13 0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
14 0014 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
15 0015 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
16 0016 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
17 0017 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
18 0018 1 * TRANSFERRED. *
19 0019 1 *
20 0020 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
21 0021 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
22 0022 1 * CORPORATION. *
23 0023 1 *
24 0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
25 0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
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 does (change mode) insertion of tabs and
37 0037 1 spaces to bring the cursor to a given column.
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 INSERT TABS 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$$MOV_TOCOL;          ! Insert tabs and spaces  
.. 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
```

```
.. 85      0655 1 %SBTTL 'EDT$$MOV_TOCOL - reach a column'
.. 86      0656 1
.. 87      0657 1 GLOBAL ROUTINE EDT$$MOV_TOCOL (           ! Reach a column
.. 88      0658 1     COUNT                               ! Number of columns to move
.. 89      0659 1     ) =
.. 90      0660 1
.. 91      0661 1 !++
.. 92      0662 1 ! FUNCTIONAL DESCRIPTION:
.. 93      0663 1
.. 94      0664 1     This routine inserts enough tabs and spaces to bring us to the
.. 95      0665 1     column specified by count.
.. 96      0666 1
.. 97      0667 1 ! FORMAL PARAMETERS:
.. 98      0668 1
.. 99      0669 1     COUNT                Number of columns to move
100     0670 1
101     0671 1 ! IMPLICIT INPUTS:
102     0672 1
103     0673 1     NONE
104     0674 1
105     0675 1 ! IMPLICIT OUTPUTS:
106     0676 1
107     0677 1     NONE
108     0678 1
109     0679 1 ! ROUTINE VALUE:
110     0680 1
111     0681 1     1 is returned if it succeeds, 0 if the line overflows.
112     0682 1
113     0683 1 ! SIDE EFFECTS:
114     0684 1
115     0685 1     NONE
116     0686 1
117     0687 1 !--
118     0688 1
119     0689 2     BEGIN
120     0690 2
121     0691 2     EXTERNAL ROUTINE
122     0692 2     EDT$$INS_STR;           ! Insert a string of characters at the current position
123     0693 2
124     0694 2 !+
125     0695 2 ! Insert count/8 tabs.
126     0696 2 !-
127     0697 2
128     0698 2     INCR I FROM 1 TO (.COUNT/8) DO
129     0699 2
130     0700 2     IF (EDT$$INS_STR (UPLIT (ASC_K_TAB), 1) EQL 0) THEN RETURN (0);
131     0701 2
132     0702 2 !+
133     0703 2 ! Insert count mod 8 spaces.
134     0704 2 !-
135     0705 2
136     0706 2     INCR I FROM 1 TO (.COUNT MOD 8) DO
137     0707 2
138     0708 2     IF (EDT$$INS_STR (UPLIT (' '), 1) EQL 0) THEN RETURN (0);
139     0709 2
140     0710 2     RETURN (1);
141     0711 1     END;           ! of routine EDT$$MOV_TOCOL
```

						.TITLE	EDT\$CHMINSTAB EDT\$CHMINSTAB - reach a column	
						.IDENT	\V04-000\	
						.PSECT	_EDT\$CODE,NOWRT, SHR, PIC,2	
						.LONG	9	
					00 00 00 20 00004	P.AAB:	\ \<0><0><0>	:
						.EXTRN	EDT\$\$INS_STR	
						.ENTRY	EDT\$\$MOV_TOCOL, Save R2,R3,R4	: 0657
						MOVAB	EDT\$\$INS_STR, R4	:
						DIVL3	#8, COUNT, R3	: 0698
						CLRL	I	:
						BRB	2\$	:
						PUSHL	#1	: 0700
						PUSHAB	P.AAA	:
						CALLS	#2, EDT\$\$INS_STR	:
						TSTL	R0	:
						BEQL	5\$	:
						AOBLEQ	R3, I, 1\$	:
						EMUL	#1, COUNT, #0, -(SP)	: 0706
						EDIV	#8, (SP)+, R3, R3	:
						CLRL	I	:
						BRB	4\$	:
						PUSHL	#1	: 0708
						PUSHAB	P.AAB	:
						CALLS	#2, EDT\$\$INS_STR	:
						TSTL	R0	:
						BEQL	5\$	:
						AOBLEQ	R3, I, 3\$	:
						MOVL	#1, R0	: 0710
						RET		:
						CLRL	R0	: 0711
						RET		:

: Routine Size: 72 bytes, Routine Base: \_EDT\$CODE + 0008

: 142 0712 1  
: 143 0713 1 !<BLF/PAGE>

EDT\$CHMINSTAB  
V04-000

EDT\$CHMINSTAB - reach a column  
EDT\$\$MOV\_TOCOL - reach a column

K 16  
16-Sep-1984 00:02:53  
14-Sep-1984 12:22:37

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

Page 5  
(4)

: 145 0714 1 END  
: 146 0715 1  
: 147 0716 0 ELUDOM

! of module EDT\$CHMINSTAB

PSECT SUMMARY

Name Bytes Attributes  
\_EDT\$CODE 80 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=LISS:CHMINSTAB/OBJ=OBJ\$:CHMINSTAB MSRC\$:CHMINSTAB.BLI/UPDATE=(ENH\$:C  
HMINSTAB)

: Size: 72 code + 8 data bytes  
: Run Time: 00:09.8  
: Elapsed Time: 00:11.3  
: Lines/CPU Min: 4401  
: Lexemes/CPU-Min: 11920  
: Memory Used: 62 pages  
: Compilation Complete

CHMFINENT LIS	CHMINIT LIS
CHMGOUNT LIS	CHMGINSTR LIS
CHMGSUSTR LIS	CHMINSMOD LIS
CHMEMESS LIS	CHMINSTAB LIS
CHMENTRM LIS	CHMINSCHR LIS
CHMEXVERB LIS	CHMINDATE LIS
CHMFINSTR LIS	CHMGDTR LIS
CHMGQSTR LIS	CHMLPKPD LIS
CHMINSSTR LIS	CHMKEYWRD LIS
CHMENDWRD LIS	CHMEXCOM LIS