

EEEEEEEEEEEEEEEE	DDDDDDDDDDDD		TTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD		TTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD		T:TTTTTTTTTTTT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEEEEEEEEEEEEE	DD	DD	TT
EEEEEEEEEEEEEE	DD	DD	TT
EEEEEEEEEEEEEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEE	DD	DD	TT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD		TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD		TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD		TTT

EXE

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LII

```

CCCCCCCC HH   HH   MM   MM   GGGGGGGG CCCCCCCC 000000 UU   UU   NN   NN   TTTTTTTTTT
CCCCCCCC HH   HH   MM   MM   GGGGGGGG CCCCCCCC 000000 UU   UU   NN   NN   TTTTTTTTTT
CC        HH   HH   MMMM MMMM GG        CC        00   00   UU   UU   NN   NN   TT
CC        HH   HH   MMMM MMMM GG        CC        00   00   UU   UU   NN   NN   TT
CC        HH   HH   MM   MM   GG        CC        00   00   UU   UU   NNNN   NN   TT
CC        HH   HH   MM   MM   GG        CC        00   00   UU   UU   NNNN   NN   TT
CC        HHHHHHHHHH MM   MM   GG        CC        00   00   UU   UU   NN   NN   TT
CC        HHHHHHHHHH MM   MM   GG        CC        00   00   UU   UU   NN   NN   TT
CC        HH   HH   MM   MM   GG   GGGGGG CC        00   00   UU   UU   NN   NN   TT
CC        HH   HH   MM   MM   GG   GGGGGG CC        00   00   UU   UU   NN   NN   TT
CC        HH   HH   MM   MM   GG        GG        CC        00   00   UU   UU   NN   NN   TT
CC        HH   HH   MM   MM   GG        GG        CC        00   00   UU   UU   NN   NN   TT
CCCCCCCC HH   HH   MM   MM   GGGGGG CCCCCCCC 000000 UUUUUUUUUU NN   NN   TT
CCCCCCCC HH   HH   MM   MM   GGGGGG CCCCCCCC 000000 UUUUUUUUUU NN   NN   TT

```

```

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$CHMGCOUNT - look for a repeat or entity count'  
2 0002 0 MODULE EDT$CHMGCOUNT ( ! Look for a repeat or entity count  
3 0003 0 IDENT = 'V04-000' ! File: CHMGCOUNT.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 looks for a repeat/entity count.  
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$CHK_CNT from module CHANGE.BLI.  
46 0046 1 1-002 - Regularize headers. JBS 02-Mar-1981  
47 0047 1 1-003 - Don't allow repeat counts greater than 32767. JBS 10-Mar-1982  
48 0048 1 1-004 - Change numeric test. JBS 19-Jul-1982  
49 0049 1 1-005 - Add conditional for VT220 support. JBS 11-Feb-1983  
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$$CHK_CNT;  
.. 62 0499 1  
.. 63 0500 1 :  
.. 64 0501 1 : INCLUDE FILES:  
.. 65 0502 1 :  
.. 66 0503 1  
.. 67 0504 1 REQUIRE 'EDT$SRC:EDTREQ';  
.. 68 0639 1  
.. 69 0640 1 LIBRARY 'EDT$SRC:SUPPORTS';  
.. 70 0641 1  
.. 71 0642 1 :  
.. 72 0643 1 : MACROS:  
.. 73 0644 1 :  
.. 74 0645 1 : NONE  
.. 75 0646 1 :  
.. 76 0647 1 : EQUATED SYMBOLS:  
.. 77 0648 1 :  
.. 78 0649 1 : NONE  
.. 79 0650 1 :  
.. 80 0651 1 : OWN STORAGE:  
.. 81 0652 1 :  
.. 82 0653 1 : NONE  
.. 83 0654 1 :  
.. 84 0655 1 : EXTERNAL REFERENCES:  
.. 85 0656 1 :  
.. 86 0657 1 : In the routine
```

! Look for a repeat/entity count

```

88 0658 1 %SBTTL 'EDT$$CHK_CNT - look for a repeat/entity count'
89 0659 1
90 0660 1 GLOBAL ROUTINE EDT$$CHK_CNT (          ! Look for a repeat or entity count
91 0661 1     COUNT                               ! Where to store count
92 0662 1     ) =
93 0663 1
94 0664 1  +-+
95 0665 1  FUNCTIONAL DESCRIPTION:
96 0666 1
97 0667 1      This routine looks for a repeat/entity count, and stores it in the
98 0668 1      formal parameter COUNT.
99 0669 1
100 0670 1  FORMAL PARAMETERS:
101 0671 1
102 0672 1      COUNT                          Where to return the value of the count
103 0673 1
104 0674 1  IMPLICIT INPUTS:
105 0675 1
106 0676 1      EDT$$A_CMD_BUF
107 0677 1
108 0678 1  IMPLICIT OUTPUTS:
109 0679 1
110 0680 1      EDT$$A_CMD_BUF
111 0681 1
112 0682 1  ROUTINE VALUE:
113 0683 1
114 0684 1      A value of 1 is returned if an explicit count was seen,
115 0685 1      0 means no explicit count, COUNT retains its value,
116 0686 1      2 means the count is invalid.
117 0687 1
118 0688 1  SIDE EFFECTS:
119 0689 1
120 0690 1      NONE
121 0691 1
122 0692 1  --
123 0693 1
124 0694 2  BEGIN
125 0695 2
126 0696 2  EXTERNAL
127 0697 2      EDT$$A_CMD_BUF          ! Command string pointer
128 0698 2
129 L 0699 2 %IF SUPPORT_VT220
130 0700 2 %THEN
131 0701 2
132 0702 2      EDT$$B_CHAR_INFO : BLOCKVECTOR [256, 1, BYTE] ! Information about characters
133 0703 2 %FI
134 0704 2
135 0705 2      ;
136 0706 2
137 0707 2  LOCAL
138 0708 2      RET VALUE,
139 0709 2      CHAR,
140 0710 2      L_COUNT;
141 0711 2
142 0712 2      L_COUNT = ..COUNT;
143 0713 2      CHAR = CHR$CHAR (.EDT$$A_CMD_BUF);
144 0714 2
```

```

145 L 0715 2 %IF SUPPORT_VT220
146   0716 2 %THEN
147   0717 2
148   0718 2 IF (.EDT$$B_CHAR_INFO [.CHAR, 0, 0, 8, 0] NEQ %X'FO')
149   0719 2 THEN
150 U 0720 2 %ELSE
151 U 0721 2
152 U 0722 2 IF ((.CHAR LSS %C'0') OR (.CHAR GTR %C'9'))
153 U 0723 2 THEN
154   0724 2 %FI
155   0725 2
156   0726 2 RET_VALUE = 0
157   0727 2 ELSE
158   0728 2 BEGIN
159   0729 2 RET_VALUE = 1;
160   0730 2 L_COUNT = 0;
161   0731 2
162 L 0732 3 %IF SUPPORT_VT220
163   0733 3 %THEN
164   0734 3
165   0735 3 WHILE ((.EDT$$B_CHAR_INFO [.CHAR, 0, 0, 8, 0] EQL %X'FO') AND (.RET_VALUE EQL 1)) DO
166 U 0736 3 %ELSE
167 U 0737 3
168 U 0738 3 WHILE (((.CHAR GEQ %C'0') AND (.CHAR LEQ %C'9')) AND (.RET_VALUE EQL 1)) DO
169   0739 3 %FI
170   0740 3
171   0741 4 BEGIN
172   0742 4
173   0743 5 IF (.L_COUNT GTR 3276)
174   0744 4 THEN
175   0745 4 RET_VALUE = 2
176   0746 4 ELSE
177   0747 5 BEGIN
178   0748 5 L_COUNT = .L_COUNT*10 + .CHAR - %C'0';
179   0749 5 CHAR = CH$A_RCHAR (EDT$$A_CMD_BUF);
180   0750 4 END;
181   0751 4
182   0752 4 IF ((.L_COUNT GTR 32767) OR (.L_COUNT LSS 0)) THEN RET_VALUE = 2;
183   0753 4
184   0754 3 END;
185   0755 3
186   0756 2 END;
187   0757 2
188   0758 2 .COUNT = .L_COUNT;
189   0759 2 RETURN (.RET_VALUE);
190   0760 1 END;

```

! of routine EDT\$\$CHK_CNT

.TITLE EDT\$CHMGCOUNT EDT\$CHMGCOUNT - look for a repeat
or entity cou

.IDENT \V04-000\

.EXTRN EDT\$\$A_CMD_BUF, EDT\$\$B_CHAR_INFO

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

.ENTRY EDT\$\$CHK_CNT, Save R2,R3,R4,R5

003C 0000

: 0660

EDT\$CHMGCOUNT
V04-000

EDT\$CHMGCOUNT - look for a repeat or entity cou
EDT\$\$CHK_CNT - look for a repeat/entity count

H 10

15-Sep-1984 23:57:35
14-Sep-1984 12:22:31

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

Page 5
(3)

	55	00000000G	00	9E	00002	MOVAB	EDT\$\$B_CHAR_INFO, R5	:		
	54	00000000G	00	9E	00009	MOVAB	EDT\$\$A_CMD_BUF, R4	:		
	50	04	BC	D0	00010	MOVL	@COUNT, L_COUNT	:	0712	
	51		64	D0	00014	MOVL	EDT\$\$A_CMD_BUF, R1	:	0713	
	52		61	9A	00017	MOVZBL	(R1), CHAR	:		
FO	8F		6542	91	0001A	CMPB	EDT\$\$B_CHAR_INFO[CHAR], #240	:	0718	
			04	13	0001F	BEQL	1\$:		
			53	D4	00021	CLRL	RET_VALUE	:	0726	
			42	11	00023	BRB	6\$:		
	53		01	D0	00025	1\$:	MOVL	#1, RET_VALUE	:	0729
			50	D4	00028	CLRL	L_COUNT	:	0730	
FO	8F		6542	91	0002A	2\$:	CMPB	EDT\$\$B_CHAR_INFO[CHAR], #240	:	0735
			36	12	0002F	BNEQ	6\$:		
	01		53	D1	00031	CMPL	RET_VALUE, #1	:		
			31	12	00034	BNEQ	6\$:		
00000CCC	8F		50	D1	00036	CMPL	L_COUNT, #3276	:	0743	
			05	15	0003D	BLEQ	3\$:		
	53		02	D0	0003F	MOVL	#2, RET_VALUE	:	0745	
			11	11	00042	BRB	4\$:		
51	50		0A	C5	00044	3\$:	MULL3	#10, L_COUNT, R1	:	0748
	50		DO A241	9E	00048	MOVAB	-48(CHAR)[R1], L_COUNT	:		
			64	D6	0004D	INCL	EDT\$\$A_CMD_BUF	:	0749	
	51		64	D0	0004F	MOVL	EDT\$\$A_CMD_BUF, R1	:		
	52		61	9A	00052	MOVZBL	(R1), CHAR	:		
00007FFF	8F		50	D1	00055	4\$:	CMPL	L_COUNT, #32767	:	0752
			04	14	0005C	BGTR	5\$:		
			50	D5	0005E	TSTL	L_COUNT	:		
			C8	18	00060	BGEQ	2\$:		
	53		02	D0	00062	5\$:	MOVL	#2, RET_VALUE	:	
			C3	11	00065	BRB	2\$:	0735	
04	BC		50	D0	00067	6\$:	MOVL	L_COUNT, @COUNT	:	0758
	50		53	D0	0006B	MOVL	RET_VALUE, R0	:	0759	
			04	0006E	RET			:	0760	

; Routine Size: 111 bytes, Routine Base: _EDT\$CODE + 0000

: 191 0761 1
: 192 0762 1 !<BLF/PAGE>

: 194 0763 1 END ! of module EDT\$\$CHMGCOUNT
 : 195 0764 1
 : 196 0765 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	111	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	0	0	40	00:00.2
-\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1
-\$255\$DUA28:[EDT.SRC]SUPPORTS.L32;1	2	1	50	5	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMGCOUNT/OBJ=OBJ\$:CHMGCOUNT MSRC\$:CHMGCOUNT.BLI/UPDATE=(ENH\$:CHMGCOUNT)

: Size: 111 code + 0 data bytes
 : Run Time: 00:11.9
 : Elapsed Time: 00:15.5
 : Lines/CPU Min: 3866
 : Lexemes/CPU-Min: 11337
 : Memory Used: 73 pages
 : Compilation Complete

CHMFINENT LIS	CHMINIT LIS
CHMGCOUNT 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