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TTTTTTTTTT  IIIIIII  AAAAAA  UU  UU  TTTTTTTTTT  000000
TTTTTTTTTT  IIIIIII  AAAAAA  UU  UU  TTTTTTTTTT  000000
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          II      AA      AA  UU  UU  TT          00      00
TT          IIIIIII  AA      AA  UU  UU  TT          00      00
TT          IIIIIII  AA      AA  UU  UU  TT          00      00
TT          IIIIIII  AA      AA  UUUUUUUUUU  TT          000000
TT          IIIIIII  AA      AA  UUUUUUUUUU  TT          000000

```

```

LL          IIIIIII  SSSSSSSS
LL          IIIIIII  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          IIIIIII  SSSSSSSS
LLLLLLLLLLL IIIIIII  SSSSSSSS
LLLLLLLLLLL IIIIIII  SSSSSSSS

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.....

EDT\$TIAUTO - enable auto-repeat

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```
0001 0 %SBTTL 'EDT$TIAUTO - enable auto-repeat'
0002 0 MODULE EDT$TIAUTO (                ! Enable auto-repeat
0003 0                                     ! File: TIAUTO.BLI Edit: JBS1006
0004 0                                     IDENT = 'V04-000'
0005 0                                     ) =
0006 1 BEGIN
0007 1 *****
0008 1 *
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0025 1 *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY:      EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1     This module enables the auto-repeat VT100 function.
0037 1
0038 1 ENVIRONMENT:  Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: June 9, 1979
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original.  DJS 18-FEB-1981.  This module was created by
0045 1         extracting routine EDT$$TI_ENBLAUTREP from module TINPUT.
0046 1 1-002 - Regularized the headers.  JBS 24-Feb-1981
0047 1 1-003 - Fix module name.  JBS 10-Mar-1981
0048 1 1-004 - Adjust the flag even if nothing is sent to the terminal.
0049 1         JBS 30-Jan-1982
0050 1 1-005 - Add a parameter, to turn autorepeat on or off.  JBS 30-Jan-1982
0051 1 1-006 - Use EDT$$G_ENB AUTRPT to suppress actually sending the control
0052 1         sequences.  JBS 09-Feb-1982
0053 1 --
0054 1
```

Declarations

```
.. 56 0055 1 %SBTTL 'Declarations'  
.. 57 0056 1 |  
.. 58 0057 1 | TABLE OF CONTENTS:  
.. 59 0058 1 |  
.. 60 0059 1 |  
.. 61 0060 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 62 0499 1 |  
.. 63 0500 1 FORWARD ROUTINE  
.. 64 0501 1 EDTS$TI_ENBLAUTREP : NOVALUE;  
.. 65 0502 1 |  
.. 66 0503 1 |  
.. 67 0504 1 | INCLUDE FILES:  
.. 68 0505 1 |  
.. 69 0506 1 |  
.. 70 0507 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 71 0642 1 |  
.. 72 0643 1 |  
.. 73 0644 1 | MACROS:  
.. 74 0645 1 |  
.. 75 0646 1 | NONE  
.. 76 0647 1 |  
.. 77 0648 1 | EQUATED SYMBOLS:  
.. 78 0649 1 |  
.. 79 0650 1 |  
.. 80 0651 1 BIND  
.. 81 0652 1 AUTO_REPT = UPLIT (%STRING (%CHAR (ASC_K_ESC), '[?8h]'),  
.. 82 0653 1 NO_REPT = UPLIT (%STRING (%CHAR (ASC_K_ESC), '[?8l]'));  
.. 83 0654 1 |  
.. 84 0655 1 LITERAL  
.. 85 0656 1 AUTO_REPT_LENGTH = 5,  
.. 86 0657 1 NO_REPT_LEN = 5;  
.. 87 0658 1 |  
.. 88 0659 1 |  
.. 89 0660 1 | OWN STORAGE:  
.. 90 0661 1 |  
.. 91 0662 1 | NONE  
.. 92 0663 1 |  
.. 93 0664 1 | EXTERNAL REFERENCES:  
.. 94 0665 1 |  
.. 95 0666 1 | In the routine
```

```
0667 1 %SBTTL 'EDT$$TI_ENBLAUTREP - enable auto-repeat'
0668 1
0669 1 GLOBAL ROUTINE EDT$$TI_ENBLAUTREP (           ! Enable auto-repeat
0670 1     MODE                                     ! 1 = turn on, 0 = turn off
0671 1     ) : NOVALUE =
0672 1
0673 1 !++
0674 1 FUNCTIONAL DESCRIPTION:
0675 1     This routine turns auto repeat on and off, if possible.
0676 1
0677 1 FORMAL PARAMETERS:
0678 1
0679 1     MODE          1 = turn autorepeat on, 0 = turn autorepeat off
0680 1
0681 1 IMPLICIT INPUTS:
0682 1
0683 1     EDT$$G_TI_TYP
0684 1     EDT$$G_K_AURPT
0685 1     EDT$$G_ENB_AURPT
0686 1
0687 1 IMPLICIT OUTPUTS:
0688 1
0689 1     EDT$$G_K_AURPT
0690 1
0691 1 ROUTINE VALUE:
0692 1
0693 1     NONE
0694 1
0695 1 SIDE EFFECTS:
0696 1
0697 1     NONE
0698 1
0699 1
0700 1 --
0701 1
0702 1 BEGIN
0703 1
0704 1 EXTERNAL ROUTINE
0705 1     EDT$$FMT_LIT;           ! Send a string to the terminal
0706 1
0707 1 EXTERNAL
0708 1     EDT$$G_TI_TYP,         ! Terminal type
0709 1     EDT$$G_ENB_AURPT,     ! 1 = send control sequences, 0 = don't
0710 1     EDT$$G_K_AURPT;       ! Auto repeat flag
0711 1
0712 1 CASE .MODE FROM 0 TO 1 OF
0713 1     SET
0714 1
0715 1     [0] :
0716 1         BEGIN
0717 1         !+
0718 1         Turn autorepeat off
0719 1         !-
0720 1
0721 1         IF ((.EDT$$G_TI_TYP EQL TERM_VT100) AND (.EDT$$G_K_AURPT EQL 1) AND .EDT$$G_ENB_AURPT)
0722 1         THEN
0723 1             EDT$$FMT_LIT (NO_REPT, NO_REPT_LEN);
```

```

: 154 0724
: 155 0725      EDT$$G_K_AUTRPT = 0;
: 156 0726      END;
: 157 0727
: 158 0728      [1] :
: 159 0729      BEGIN
: 160 0730
: 161 0731      !+ Turn autorepeat on
: 162 0732      !-
: 163 0733
: 164 0734      IF ((.EDT$$G_TI_TYP EQL TERM_VT100) AND (.EDT$$G_K_AUTRPT EQL 0) AND .EDT$$G_ENB_AUTRPT)
: 165 0735      THEN
: 166 0736          EDT$$FMT_LIT (AUTO_REPT, AUTO_REPT_LENGTH);
: 167 0737
: 168 0738      EDT$$G_K_AUTRPT = 1;
: 169 0739      END;
: 170 0740      TES;
: 171 0741
: 172 0742      RETURN;
: 173 0743      END;

```

! of routine EDT\$\$TI\_ENBLAUTREP

```

                                .TITLE EDTSTIAUTO
                                .IDENT  \V04-000\
                                .PSECT  _EDT$CODE,NOWRT, SHR, PIC,2
00 00 00 68 38 3F 5B 1B 00000 P.AAA: .ASCII <27>\[?8h\<0><0><0>
00 00 00 6C 38 3F 5B 1B 00008 P.AAB: .ASCII <27>\[?8l\<0><0><0>
                                :
                                AUTO_REPT= P.AAA
                                NO_REPT=    P.AAB
                                .EXTRN EDT$$FMT_LIT, EDT$$G_TI_TYP
                                .EXTRN EDT$$G_ENB_AUTRPT
                                .EXTRN EDT$$G_K_AUTRPT
                                :
                                .ENTRY EDT$$TI_ENBLAUTREP, Save R2,R3,R4 : 0669
54 00000000G 00 001C 00000 MOVAB EDT$$FMT_LIT, R4
53 00000000G 00 00 9E 00002 MOVAB EDT$$G_ENB_AUTRPT, R3
52 00000000G 00 00 9E 00010 MOVAB EDT$$G_K_AUTRPT, R2
50 00000000G 00 00 D0 00017 MOVL EDT$$G_TI_TYP, R0
01 00 04 AC CF 0001E CASEL MODE, #0, -#1 : 0721
001C 0004 00023 1$: .WORD 2$-1$, - : 0712
                                4$-1$
02 50 D1 00027 2$: CMPL R0, #2 : 0721
                                10 12 0002A
01 62 D1 0002C CMPL EDT$$G_K_AUTRPT, #1
                                0B 12 0002F
08 63 E9 00031 BNEQ 3$
                                05 DD 00034
                                BF AF 9F 00036 PUSHL #5 : 0723
64 02 FB 00039 PUSHAB NO_REPT
                                62 D4 0003C 3$: CALLS #2, EDT$$FMT_LIT
                                04 0003E CLRL EDT$$G_K_AUTRPT : 0725
02 50 D1 0003F 4$: RET : 0712
                                0F 12 00042 CMPL R0, #2 : 0734
                                62 D5 00044 BNEQ 5$
                                TSTL EDT$$G_K_AUTRPT

```

EDT\$TIAUTO  
V04-000

EDT\$STI\_ENBLAUTREP - enable auto-repeat

I 7  
16-Sep-1984 01:53:27  
14-Sep-1984 12:24:49

VAX-11 BLISS-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]TIAUTO.BLI;1 Page 5  
(3)

08		08	12	00046	BNEQ	5\$	:
		63	E9	00048	BLBC	EDT\$G_ENB_AUTRPT, 5\$	:
		05	DD	0004B	PUSHL	#5	:
	A0	AF	9F	0004D	PUSHAB	AUTO_REPT	:
64		02	FB	00050	CALLS	#2, EDT\$FMT_LIT	:
62		01	D0	00053	MOVL	#1, EDT\$G_K_AUTRPT	:
			04	00056	RET		: 0736
							: 0738
							: 0743

; Routine Size: 87 bytes, Routine Base: \_EDT\$CODE + 0010

: 174 0744 1  
: 175 0745 1 !<BLF/PAGE>

EDT\$TIAUTO  
V04-000

EDT\$\$TI\_ENBLAUTREP - enable auto-repeat

J 7  
16-Sep-1984 01:53:27  
14-Sep-1984 12:24:49

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]TIAUTO.BLI;1 Page 6 (4)

: 177 0746 1 END  
: 178 0747 1  
: 179 0748 0 ELUDOM

! of module EDT\$TIAUTO

PSECT SUMMARY

Name Bytes Attributes  
:\_EDT\$CODE 103 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	2	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=LIS\$:TIAUTO/OBJ=OBJ\$:TIAUTO MSRC\$:TIAUTO.BLI/UPDATE=(ENH\$:TIAUTO)

: Size: 87 code + 16 data bytes  
: Run Time: 00:10.7  
: Elapsed Time: 00:13.0  
: Lines/CPU Min: 4202  
: Lexemes/CPU-Min: 11432  
: Memory Used: 67 pages  
: Compilation Complete



