


```

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      IIIIII  AA      AA  UU    UU      TT      00      00
      TT      IIIIII  AA      AA  UUUUUUUUUU  TT      000000
      TT      IIIIII  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  II      SS
LL  IIIIII  SSSSSSSS
LL  IIIIII  SSSSSSSS

```

EDT\$TIAUTO - enable auto-repeat

```
1 0001 0 %SBTTL 'EDT$TIAUTO - enable auto-repeat'
2 0002 0 MODULE EDT$TIAUTO ( ! Enable auto-repeat
3 0003 0 IDENT = 'V04-000' ! File: TIAUTO.BLI Edit: JBS1006
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 enables the auto-repeat VT100 function.
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: June 9, 1979
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 18-FEB-1981. This module was created by
45 0045 1 extracting routine EDT$STI_ENBLAUTREP from module TINPUT.
46 0046 1 1-002 - Regularized the headers. JBS 24-Feb-1981
47 0047 1 1-003 - Fix module name. JBS 10-Mar-1981
48 0048 1 1-004 - Adjust the flag even if nothing is sent to the terminal.
49 0049 1 JBS 30-Jan-1982
50 0050 1 1-005 - Add a parameter, to turn autorepeat on or off. JBS 30-Jan-1982
51 0051 1 1-006 - Use EDT$SG_ENB AUTRPT to suppress actually sending the control
52 0052 1 sequences. JBS 09-Feb-1982
53 0053 1 --
54 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     EDT$STI_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
```

EDT\$STI_ENBLAUTREP - enable auto-repeat

```

: 97 0667 1 %SBTTL 'EDT$STI_ENBLAUTREP - enable auto-repeat'
: 98 0668 1
: 99 0669 1 GLOBAL ROUTINE EDT$STI_ENBLAUTREP (           ! Enable auto-repeat
100 0670 1     MODE                                     ! 1 = turn on, 0 = turn off
101 0671 1     ) : NOVALUE =
102 0672 1
103 0673 1 !++
104 0674 1 ! FUNCTIONAL DESCRIPTION:
105 0675 1
106 0676 1     This routine turns auto repeat on and off, if possible.
107 0677 1
108 0678 1 ! FORMAL PARAMETERS:
109 0679 1
110 0680 1     MODE          1 = turn autorepeat on, 0 = turn autorepeat off
111 0681 1
112 0682 1 ! IMPLICIT INPUTS:
113 0683 1
114 0684 1     EDT$SG_TI_TYP
115 0685 1     EDT$SG_K_AURPT
116 0686 1     EDT$SG_ENB_AURPT
117 0687 1
118 0688 1 ! IMPLICIT OUTPUTS:
119 0689 1
120 0690 1     EDT$SG_K_AURPT
121 0691 1
122 0692 1 ! ROUTINE VALUE:
123 0693 1
124 0694 1     NONE
125 0695 1
126 0696 1 ! SIDE EFFECTS:
127 0697 1
128 0698 1     NONE
129 0699 1
130 0700 1 !--
131 0701 1
132 0702 2     BEGIN
133 0703 2
134 0704 2     EXTERNAL ROUTINE
135 0705 2         EDT$FMT_LIT;           ! Send a string to the terminal
136 0706 2
137 0707 2     EXTERNAL
138 0708 2         EDT$SG_TI_TYP,       ! Terminal type
139 0709 2         EDT$SG_ENB_AURPT,   ! 1 = send control sequences, 0 = don't
140 0710 2         EDT$SG_K_AURPT;     ! Auto repeat flag
141 0711 2
142 0712 2     CASE .MODE FROM 0 TO 1 OF
143 0713 2         SET
144 0714 2
145 0715 2         [0] :
146 0716 2             BEGIN
147 0717 2 !+
148 0718 2 ! Turn autorepeat off
149 0719 2 !-
150 0720 2
151 0721 4         IF ((.EDT$SG_TI_TYP EQL TERM_VT100) AND (.EDT$SG_K_AURPT EQL 1) AND .EDT$SG_ENB_AURPT)
152 0722 3         THEN
153 0723 3             EDT$FMT_LIT (NO_REPT, NO_REPT_LEN);
```

```

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

```

! of routine EDT\$STI_ENBLAUTREP

										.TITLE	EDT\$TIAUTO		
										.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\$SG_TI_TYP		
										.EXTRN	EDT\$SG_ENB_AUTRPT		
										.EXTRN	EDT\$SG_K_AUTRPT		
										.ENTRY	EDT\$STI_ENBLAUTREP, Save R2,R3,R4	: 0669	
	54	00000000G	00	9E	00002					MOVAB	EDT\$FMT_LIT, R4	:	
	53	00000000G	00	9E	00009					MOVAB	EDT\$SG_ENB_AUTRPT, R3	:	
	52	00000000G	00	9E	00010					MOVAB	EDT\$SG_K_AUTRPT, R2	:	
	50	00000000G	00	D0	00017					MOVL	EDT\$SG_TI_TYP, R0	: 0721	
01	00	04	AC	CF	0001E					CASEL	MODE #0, #1	: 0712	
	001C		0004		00023	1\$:					.WORD	2\$-1\$, -	:
											4\$-1\$:	
	02		50	D1	00027	2\$:					CMPL	R0, #2	: 0721
			10	12	0002A					BNEQ	3\$:	
	01		62	D1	0002C					CMPL	EDT\$SG_K_AUTRPT, #1	:	
			08	12	0002F					BNEQ	3\$:	
	08		63	E9	00031					BLBC	EDT\$SG_ENB_AUTRPT, 3\$:	
			05	DD	00034					PUSHL	#5	: 0723	
		BF	AF	9F	00036					PUSHAB	NO_REPT	:	
	64		02	FB	00039					CALLS	#2, EDT\$FMT_LIT	:	
			62	D4	0003C	3\$:					CLRL	EDT\$SG_K_AUTRPT	: 0725
				04	0003E					RET		: 0712	
	02		50	D1	0003F	4\$:					CMPL	R0, #2	: 0734
			0F	12	00042					BNEQ	5\$:	
			62	D5	00044					TSTL	EDT\$SG_K_AUTRPT	:	

08		08	12	00046	BNEQ	5\$:
		63	E9	00048	BLBC	EDT\$\$G_ENB_AUTRPT, 5\$:
		05	DD	0004B	PUSHL	#5	: 0736
	AD	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	: 0738
			04	00056	RET		: 0743

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

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

EDTSTIAUTO
V04-000

EDTSS\$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 EDTSTIAUTO

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 MSRCS:TIAUTO.BLI/UPDATE=(ENHS: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

This image displays a grid of 130 individual screenshots of the VAX/VMS Language Integrated System (LIS) interface. Each screenshot shows a different utility or command being executed, with its corresponding output. The utilities shown include:

- SCRUPDATM LIS
- STARTED LIS
- TISAVE LIS
- SETCOMMAN LIS
- TIAUTO LIS
- TIDELETE LIS
- TILTNE LIS
- TRACEMAC LIS
- UFBUFFER LIS
- SCRZAPSIN LIS
- LEXACASE LIS
- SCRUPDATN LIS
- TITYPAD LIS
- TSTKEYDEF LIS
- TICLRAUD LIS
- SUPPORTS LIS
- TICCHAR LIS
- TIECHO LIS
- TRAROUNAM LIS
- TRANSLATE LIS
- UFSTRING LIS
- SYSVAX LIS
- SCRWID LIS
- TRACELIT LIS
- UCVTCASE LIS