



```

SSSSSSSS  CCCCCCCC  RRRRRRRR  RRRRRRRR  EEEEEEEEEE  SSSSSSSS  EEEEEEEEEE  TTTTTTTTTT
SSSSSSSS  CCCCCCCC  RRRRRRRR  RRRRRRRR  EEEEEEEEEE  SSSSSSSS  EEEEEEEEEE  TTTTTTTTTT
SS          CC          RR          RR          EE          SS          EE          TT
SS          CC          RR          RR          EE          SS          EE          TT
SS          CC          RR          RR          EE          SS          EE          TT
SS          CC          RR          RR          EE          SS          EE          TT
SSSSSSS    CC          RRRRRRRR  RRRRRRRR  EEEEEEEEE  SSSSSSS    EE          TT
SSSSSSS    CC          RRRRRRRR  RRRRRRRR  EEEEEEEEE  SSSSSSS    EE          TT
          SS          RR  RR          RR  RR          SS          EE          TT
          SS          RR  RR          RR  RR          SS          EE          TT
          SS          RR  RR          RR  RR          SS          EE          TT
          SS          RR  RR          RR  RR          SS          EE          TT
SSSSSSSS  CCCCCCCC  RR          RR          EEEEEEEEEE  SSSSSSSS  EEEEEEEEEE  TT
SSSSSSSS  CCCCCCCC  RR          RR          EEEEEEEEEE  SSSSSSSS  EEEEEEEEEE  TT

```

```

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
LLLLLLLLLL IIIIIII  SSSSSSSS
LLLLLLLLLL IIIIIII  SSSSSSSS

```

```

1 0001 0 %TITLE 'EDT$SCRRESET - reset the terminal'
2 0002 0 MODULE EDT$SCRRESET ( ! Reset the terminal
3 0003 0 IDENT = 'V04-000' ! File: SCRRESET.BLI Edit: JBS1007
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 resets the terminal attributes to their state
37 0037 1 before change mode was entered.
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: September 8, 1979
42 0042 1
43 0043 1 MODIFIED BY:
44 0044 1
45 0045 1 1-001 - Original. DJS 12-Feb-1981. This module was created by
46 0046 1 extracting the routine EDT$SC RESET from module SCREEN.
47 0047 1 1-002 - Regularized headers. JBS 24-Feb-1981
48 0048 1 1-003 - Fix module name. JBS 13-Mar-1981
49 0049 1 1-004 - Revise autorepeat logic. JBS 30-Jan-1982
50 0050 1 1-005 - Change if test for nokeypad command. SMB 23-Feb-1982
51 0051 1 1-006 - Change test back and add test for terminal type, moved here
52 0052 1 from EDT$CHMCHANGE. JBS 22-Apr-1982
53 0053 1 1-007 - Make sure the terminal is in replace mode, if it is a VT100. JBS 01-Apr-1983
54 0054 1 --
55 0055 1

```

```
57 0056 1 %SBTTL 'Declarations'  
58 0057 1 :  
59 0058 1 TABLE OF CONTENTS:  
60 0059 1 :  
61 0060 1 :  
62 0061 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
63 0500 1 :  
64 0501 1 FORWARD ROUTINE  
65 0502 1 EDT$SC_RESET : NOVALUE;  
66 0503 1 :  
67 0504 1 :  
68 0505 1 INCLUDE FILES:  
69 0506 1 :  
70 0507 1 :  
71 0508 1 REQUIRE 'EDT$SRC:EDTREQ';  
72 0643 1 :  
73 0644 1 :  
74 0645 1 MACROS:  
75 0646 1 :  
76 0647 1 NONE  
77 0648 1 :  
78 0649 1 EQUATED SYMBOLS:  
79 0650 1 :  
80 0651 1 :  
81 0652 1 BIND  
82 0653 1 NOKEYPAD_MODE = UPLIT (%STRING (%CHAR (ASC_K_ESC), '>')));  
83 0654 1 :  
84 0655 1 LITERAL  
85 0656 1 NOKEYPAD_MODE_LEN = 2;  
86 0657 1 :  
87 0658 1 :  
88 0659 1 OWN STORAGE:  
89 0660 1 :  
90 0661 1 NONE  
91 0662 1 :  
92 0663 1 EXTERNAL REFERENCES:  
93 0664 1 :  
94 0665 1 In the routine
```

```

: 96 0666 1 %SBTTL 'EDTSSC_RESET - reset the terminal'
: 97 0667 1
: 98 0668 1 GLOBAL ROUTINE EDTSSC_RESET          ! Reset the terminal
: 99 0669 1 : NOVALUE =
100 0670 1
101 0671 1 **
102 0672 1 FUNCTIONAL DESCRIPTION:
103 0673 1
104 0674 1     This routine resets all the funny things we did to the terminal when
105 0675 1     entering screen mode.
106 0676 1
107 0677 1 FORMAL PARAMETERS:
108 0678 1
109 0679 1     NONE
110 0680 1
111 0681 1 IMPLICIT INPUTS:
112 0682 1
113 0683 1     EDTSSG_TI_TYPE
114 0684 1     EDTSSG_KPAD
115 0685 1     EDTSSG_INSERT_MODE
116 0686 1
117 0687 1 IMPLICIT OUTPUTS:
118 0688 1
119 0689 1     NONE
120 0690 1
121 0691 1 ROUTINE VALUE:
122 0692 1
123 0693 1     NONE
124 0694 1
125 0695 1 SIDE EFFECTS:
126 0696 1
127 0697 1     Puts the cursor at the bottom of the screen, and
128 0698 1     leaves change mode.
129 0699 1
130 0700 1 --
131 0701 1
132 0702 2 BEGIN
133 0703 2
134 0704 2 EXTERNAL ROUTINE
135 0705 2     EDTSSFMT_LIT,
136 0706 2     EDTSSOUT_FMTBUF,
137 0707 2     EDTSSTI_LEAVECHM,
138 0708 2     EDTSSC_POSABS : NOVALUE,
139 0709 2     EDTSSC_NONREVID : NOVALUE,
140 0710 2     EDTSSC_FULLSCLL : NOVALUE,
141 0711 2     EDTSSTI_ENBLAUTREP : NOVALUE,          ! Enable or disable autorepeat
142 0712 2     EDTSSC_REP_MODE : NOVALUE;          ! Put the screen in replace mode
143 0713 2
144 0714 2 EXTERNAL
145 0715 2     EDTSSG_TI_TYP,          ! The type of terminal we have
146 0716 2     EDTSSG_KPAD,          ! Keypad activated?
147 0717 2     EDTSSG_INSERT_MODE;    ! 1 = in insert mode
148 0718 2
149 0719 2 IF ((.EDTSSG_TI_TYP EQL TERM_VT52) OR (.EDTSSG_TI_TYP EQL TERM_VT100))
150 0720 2 THEN
151 0721 2 BEGIN
152 0722 2

```

```

153 0723 3 IF .EDT$$G_KPAD THEN EDT$$FMT_LIT (NOKEYPAD_MODE, NOKEYPAD_MODE_LEN);
154 0724
155 0725 EDT$$$C_FULLSCLL ();
156 0726 EDT$$$C_NONREVID ();
157 0727
158 0728 IF (.EDT$$G_INSERT_MODE NEQ 0) THEN EDT$$$C_REP_MODE ();
159 0729
160 0730 EDT$$TI_ENBLAUTREP (1);
161 0731
162 0732 + Put cursor at bottom of screen.
163 0733 -
164 0734 EDT$$$C_POSABS (23, 0);
165 0735 EDT$$FMT_LIT (UPLIF (%STRING (%CHAR (ASC_K_LF))), 1);
166 0736 EDT$$OUT_FMTBUF ();
167 0737
168 0738 + Inform the terminal I/O routines that we are leaving screen mode.
169 0739 -
170 0740 EDT$$TI_LEAVECHM ();
171 0741 END;
172 0742
173 0743 1 END;

```

! of routine EDT\$\$\$C\_RESE

				.TITLE	EDT\$SCRESE EDT\$SCRESE - reset the terminal		
				.IDENT	\V04-000\		
				.PSECT	_EDT\$CODE,NOWRT, SHR, PIC,2		
00	00	3E	1B	00000	P.AAA: .ASCII	<27>\>\<0><0>	
00	00	00	0A	00004	P.AAB: .ASCII	<10><0><0><0>	
				NOKEYPAD_MODE=	P.AAA		
				.EXTRN	EDT\$\$FMT_LIT, EDT\$\$OUT_FMTBUF		
				.EXTRN	EDT\$\$TI_LEAVECHM		
				.EXTRN	EDT\$\$\$C_POSABS, EDT\$\$\$C_NONREVID		
				.EXTRN	EDT\$\$\$C_FULLSCLL		
				.EXTRN	EDT\$\$TI_ENBLAUTREP		
				.EXTRN	EDT\$\$\$C_REP_MODE		
				.EXTRN	EDT\$\$G_TI_TYP, EDT\$\$G_KPAD		
				.EXTRN	EDT\$\$G_INSERT_MODE		
52	00000000G	00	9E	00002	.ENTRY	EDT\$\$\$C_RESE, Save R2	0668
50	00000000G	00	D0	00009	MOVAB	EDT\$\$FMT_LIT, R2	
01		50	D1	00010	MOVL	EDT\$\$G_TI_TYP, R0	0719
		C5	13	00013	CMPL	R0, #1	
02		50	D1	00015	BEQL	1\$	
		55	12	00018	CMPL	R0, #2	
08	00000000G	00	E9	0001A	BNEQ	4\$	
		02	DD	00021	BLBC	EDT\$\$G_KPAD, 2\$	0723
		D2	AF	00023	PUSHL	#2	
62		02	FB	00026	PUSHAB	NOKEYPAD_MODE	
00000000G	00	00	FB	00029	CALLS	#2, EDT\$\$FMT_LIT	
00000000G	00	00	FB	00030	CALLS	#0, EDT\$\$\$C_FULLSCLL	0725
		00	FB	00030	CALLS	#0, EDT\$\$\$C_NONREVID	0726
	00000000G	00	D5	00037	TSTL	EDT\$\$G_INSERT_MODE	0728
		07	13	0003D	BEQL	3\$	
00000000G	00	00	FB	0003F	CALLS	#0, EDT\$\$\$C_REP_MODE	



EDT\$SCRESET  
V04-000

EDT\$SCRESET - reset the terminal  
EDT\$SC\_RESET - reset the terminal

1 9  
16-Sep-1984 01:41:34  
14-Sep-1984 12:24:37

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

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

! of routine EDT\$SCRESET

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	120	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	4	1	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\$:SCRESET/OBJ=OBJ\$:SCRESET MSRC\$:SCRESET.BLI/UPDATE=(ENH\$:SCRR ESET)

: Size: 112 code + 8 data bytes  
: Run Time: 00:10.9  
: Elapsed Time: 00:13.2  
: Lines/CPU Min: 4113  
: Lexemes/CPU-Min: 11202  
: Memory Used: 69 pages  
: Compilation Complete



