



```

SSSSSSSS  CCCCCCCC  RRRRRRRR  WW      WW  IIIIII  DDDDDDDD
SSSSSSSS  CCCCCCCC  RRRRRRRR  WW      WW  IIIIII  DDDDDDDD
SS         CC         RR      RR  WW      WW  II     DD     DD
SS         CC         RR      RR  WW      WW  II     DD     DD
SS         CC         RR      RR  WW      WW  II     DD     DD
SSSSSS    CC         RRRRRRRR  WW      WW  II     DD     DD
SSSSSS    CC         RRRRRRRR  WW      WW  II     DD     DD
          SS        RR  RR      WW  WW  WW  II     DD     DD
          SS        RR  RR      WW  WW  WW  II     DD     DD
          SS        RR      RR  WWW  WWW  II     DD     DD
          SS        RR      RR  WWW  WWW  II     DD     DD
SSSSSSSS  CCCCCCCC  RR      RR  WW      WW  IIIIII  DDDDDDDD
SSSSSSSS  CCCCCCCC  RR      RR  WW      WW  IIIIII  DDDDDDDD
          ....
          ....
          ....
          ....

```

```

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$SCRWID - set the screen width'
2 0002 0 MODULE EDT$SCRWID ( ! Set the screen width
3 0003 0 IDENT = 'V04-000' ! File: SCRWID.BLI Edit: JBS1005
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
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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 outputs an escape sequence to set the terminal width
37 0037 1
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Sharon M. Burlingame, CREATION DATE: July 29, 1982
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SMB 29-Jul-1982.
45 0045 1 1-002 - Maintain EDT$G_PRV_COL and EDT$G_PRV_LN. JBS 05-Oct-1982
46 0046 1 1-003 - Remove conditional setting of screen width. SMB 16-Feb-1983
47 0047 1 1-004 - Improve the appearance of the listing. JBS 17-Jun-1983
48 0048 1 1-005 - Set the width on any kind of terminal, and home the cursor. JBS 29-Aug-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 'EDTSRC:TRAROUJAM';
58 0495 1 |
59 0496 1 FORWARD ROUTINE
60 0497 1     EDT$SC_SETWID;                ! Set screen width on VT100's
61 0498 1 |
62 0499 1 |
63 0500 1 | INCLUDE FILES:
64 0501 1 |
65 0502 1 |
66 0503 1 REQUIRE 'EDTSRC: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 |
76 0647 1 BIND
77 0648 1     WID_80 = UPLIT (%STRING (%CHAR (ASC_K_ESC), '[H', %CHAR (ASC_K_ESC), '[?3L)'),
78 0649 1     WID_132 = UPLIT (%STRING (%CHAR (ASC_R_ESC), '[H', %CHAR (ASC_R_ESC), '[?3h'));
79 0650 1 |
80 0651 1 LITERAL
81 0652 1     WID_LEN = 8;
82 0653 1 |
83 0654 1 |
84 0655 1 | OWN STORAGE:
85 0656 1 |
86 0657 1 |     NONE
87 0658 1 |
88 0659 1 | EXTERNAL REFERENCES:
89 0660 1 |
90 0661 1 |     In the routine
```

```

: 92 0662 1 %SBITL 'EDT$$$SC_SETWID - set screen width'
: 93 0663 1
: 94 0664 1 GLOBAL ROUTINE EDT$$$SC_SETWID (           ! Set screen width
: 95 0665 1     SIZE                               ! Desired screen size
: 96 0666 1     ) =
: 97 0667 1
: 98 0668 1 !++
: 99 0669 1 ! FUNCTIONAL DESCRIPTION:
100 0670 1
101 0671 1     If this terminal is a VT100, then output an escape sequence
102 0672 1     to modify the width of the terminal
103 0673 1
104 0674 1 ! FORMAL PARAMETERS:
105 0675 1
106 0676 1     SIZE                               the desired screen size
107 0677 1
108 0678 1 ! IMPLICIT INPUTS:
109 0679 1
110 0680 1     EDT$$G_TI_WID
111 0681 1     EDT$$G_TI_TYP
112 0682 1
113 0683 1 ! IMPLICIT OUTPUTS:
114 0684 1
115 0685 1     EDT$$G_TI_WID
116 0686 1     EDT$$G_PRV_COL
117 0687 1     EDT$$G_PRV_LN
118 0688 1
119 0689 1 ! ROUTINE VALUE:
120 0690 1
121 0691 1     0 = screen size was not changed
122 0692 1     1 = screen size was changed
123 0693 1
124 0694 1 ! SIDE EFFECTS:
125 0695 1
126 0696 1     NONE
127 0697 1
128 0698 1 !--
129 0699 1
130 0700 2     BEGIN
131 0701 2
132 0702 2     EXTERNAL ROUTINE
133 0703 2     EDT$$OUT_FMTBUF,           ! Output the format buffer
134 0704 2     EDT$$FMT_LIT : NOVALUE;   ! Put a literal string in the format buffer
135 0705 2
136 0706 2     EXTERNAL
137 0707 2     EDT$$G_TI_WID,           ! Current screen size
138 0708 2     EDT$$G_TI_TYP,           ! Terminal type
139 0709 2     EDT$$G_PRV_COL,         ! Cursor column number
140 0710 2     EDT$$G_PRV_LN;         ! Cursor line number
141 0711 2
142 0712 2 !+
143 0713 2 ! Set the width unconditionally in case the user changed it using SET-UP.
144 0714 2 !-
145 0715 2
146 0716 3     IF (.EDT$$G_TI_TYP EQL TERM_VT100)
147 0717 3     THEN
148 0718 3     BEGIN
```

EDT\$SCRWID  
V04-000

EDT\$SCRWID - set the screen width  
EDT\$SC\_SETWID - set screen width

E 2  
16-Sep-1984 01:49:29  
14-Sep-1984 12:24:43

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[C01.SRC]SCRWID.BLI;1 Page 4 (3)

: 149  
: 150  
: 151  
: 152  
: 153  
: 154  
: 155  
: 156  
: 157  
: 158  
: 159

0719 3  
0720 3  
0721 3  
0722 3  
0723 3  
0724 3  
0725 2  
0726 2  
0727 2  
0728 2  
0729 1

```
IF (.SIZE LEQ 80) THEN EDT$FMT_LIT (WID_80, WID_LEN) ELSE EDT$FMT_LIT (WID_132, WID_LEN);
EDT$OUT_FMTBUF ();
EDT$G_PRV_COL = 0;
EDT$G_PRV_LN = 0;
END;
EDT$G_TI_WID = .SIZE;
RETURN (1);
END;
```

! of routine EDT\$SC\_SETWID

.TITLE EDT\$SCRWID EDT\$SCRWID - set the screen width  
.IDENT \V04-000\

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

6C 33 3F 5B 1B 48 5B 1B 0000 P.AAA: .ASCII <27>\[H\<27>\[?3L\  
68 33 3F 5B 1B 48 5B 1B 0000B P.AAB: .ASCII <27>\[H\<27>\[?3h\  
:

WID\_80=  
WID\_132=

P.AAA  
P.AAB

.EXTRN EDT\$OUT\_FMTBUF  
.EXTRN EDT\$FMT\_LIT, EDT\$G\_TI\_WID  
.EXTRN EDT\$G\_TI\_TYP, EDT\$G\_PRV\_COL  
.EXTRN EDT\$G\_PRV\_LN

```
0000 00000
02 00000000G 00 D1 00002
00000050 8F 04 AC D1 0000B
07 14 00013
08 DD 00015
D6 AF 9F 00017
05 11 0001A
08 DD 0001C 1$:
D7 AF 9F 0001E
00000000G 00 02 FB 00021 2$:
00000000G 00 00 FB 00028
00000000G 00 D4 0002F
00000000G 00 D4 00035
00000000G 00 04 AC D0 0003B 3$:
50 01 D0 00043
04 00046
```

```
.ENTRY EDT$SC_SETWID, Save nothing
CMPL EDT$G_TI_TYP, #2
BNEQ 3$
CMPL SIZE, #80
BGTR 1$
PUSHL #8
PUSHAB WID_80
BRB 2$
PUSHL #8
PUSHAB WID_132
CALLS #2, EDT$FMT_LIT
CALLS #0, EDT$OUT_FMTBUF
CLRL EDT$G_PRV_COL
CLRL EDT$G_PRV_LN
MOVL SIZE, EDT$G_TI_WID
MOVL #1, R0
RET
```

: 0664  
: 0716  
: 0720  
: 0722  
: 0723  
: 0724  
: 0727  
: 0728  
: 0729

: Routine Size: 71 bytes, Routine Base: \_EDT\$CODE + 0010

: 160 0730 1  
: 161 0731 1 !<BLF/PAGE>

EDT\$SCRWID  
V04-000

EDT\$SCRWID - set the screen width  
EDT\$SC\_SETWID - set screen width

F 2  
16-Sep-1984 01:49:29  
14-Sep-1984 12:24:43

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]SCRWID.BLI;1 Page 5 (4)

: 163 0732 1 END  
: 164 0733 1  
: 165 0734 0 ELUDOM

! of module EDT\$SCRWID

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	87	NOVEC, NOWRT, RC, 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\$:SCRWID/OBJ=OBJ\$:SCRWID MSRC\$:SCRWID.BLI/UPDATE=(ENHS\$:SCRWID)

: Size: 71 code + 16 data bytes  
: Run Time: 00:10.0  
: Elapsed Time: 00:11.8  
: Lines/CPU Min: 4399  
: Lexemes/CPU-Min: 11946  
: Memory Used: 62 pages  
: Compilation Complete

SCRUPDATM LIS		STARTED LIS							TISAVE LIS					
		SETCOMMAN LIS				TIAUTO LIS		TIDELETE LIS						
								TIINE LIS		TRACEMAC LIS				UFBUFFER LIS
		SCRZAPSIN LIS												UEXACASE LIS
SCRUPDATM LIS									TITYPHD LIS			TSTKEYDEF LIS		
						TICLAUD LIS								
			SUPPORTS LIS											
						TICHAR LIS		TIECHO LIS			TRAROUNAM LIS			
										TRANSLATE LIS				UFSTRING LIS
			SYSUAX LIS											
SCRWID LIS									TRACELIT LIS			UCUTCASE LIS		