


```
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
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  II      DD      DD
          SS          RR  RR      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 *
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 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:TRAROUNAM';  
.. 58 0495 1 |  
.. 59 0496 1 FORWARD ROUTINE  
.. 60 0497 1 EDTSSC_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
```

```
0662 1 %SBTTL 'EDT$$$SC_SETWID - set screen width'
0663 1
0664 1 GLOBAL ROUTINE EDT$$$SC_SETWID (           ! Set screen width
0665 1     SIZE                                     ! Desired screen size
0666 1     ) =
0667 1
0668 1 !++
0669 1 FUNCTIONAL DESCRIPTION:
0670 1
0671 1     If this terminal is a VT100, then output an escape sequence
0672 1     to modify the width of the terminal
0673 1
0674 1 FORMAL PARAMETERS:
0675 1
0676 1     SIZE                                     the desired screen size
0677 1
0678 1 IMPLICIT INPUTS:
0679 1
0680 1     EDT$$G_TI_WID
0681 1     EDT$$G_TI_TYP
0682 1
0683 1 IMPLICIT OUTPUTS:
0684 1
0685 1     EDT$$G_TI_WID
0686 1     EDT$$G_PRV_COL
0687 1     EDT$$G_PRV_LN
0688 1
0689 1 ROUTINE VALUE:
0690 1
0691 1     0 = screen size was not changed
0692 1     1 = screen size was changed
0693 1
0694 1 SIDE EFFECTS:
0695 1
0696 1     NONE
0697 1
0698 1 --
0699 1
0700 2 BEGIN
0701 2
0702 2 EXTERNAL ROUTINE
0703 2     EDT$$OUT_FMTBUF,           ! Output the format buffer
0704 2     EDT$$FMT_LIT : NOVALUE;   ! Put a literal string in the format buffer
0705 2
0706 2 EXTERNAL
0707 2     EDT$$G_TI_WID,           ! Current screen size
0708 2     EDT$$G_TI_TYP,         ! Terminal type
0709 2     EDT$$G_PRV_COL,       ! Cursor column number
0710 2     EDT$$G_PRV_LN;       ! Cursor line number
0711 2
0712 2 !+
0713 2 ! Set the width unconditionally in case the user changed it using SET-UP.
0714 2 !-
0715 2
0716 2 IF (.EDT$$G_TI_TYP EQL TERM_VT100)
0717 2 THEN
0718 2     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:[EDI.SRC]SCRWID.BLI;1 Page 4 (3)

```

: 149      0719      1
: 150      0720      1
: 151      0721      1
: 152      0722      1
: 153      0723      1
: 154      0724      1
: 155      0725      1
: 156      0726      1
: 157      0727      1
: 158      0728      1
: 159      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 0000 P.AAB: .ASCII <27>\[H\<27>\[?3h\

```

```

WID_80= P.AAA
WID_132= 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
          30 12 00009
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, 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\$:SCRWID/OBJ=OBJ\$:SCRWID MSRC\$:SCRWID.BLI/UPDATE=(ENH\$: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

