



```

WW      WW      000000  RRRRRRRR  DDDDDDDD  WW      WW  RRRRRRRR  AAAAAA  PPPPPPPP
WW      WW      000000  RRRRRRRR  DDDDDDDD  WW      WW  RRRRRRRR  AAAAAA  PPPPPPPP
WW      WW      00      00  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW      00      00  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW      00      00  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW      00      00  RR      RR  DD      DD  WW      WW  RR      RR  AA      AA  PP      PP
WW      WW      00      00  RRRRRRRR  DD      DD  WW      WW  RRRRRRRR  AA      AA  PPPPPPPP
WW      WW      00      00  RRRRRRRR  DD      DD  WW      WW  RRRRRRRR  AA      AA  PPPPPPPP
WW  WW  WW  00      00  RR  RR  DD      DD  WW  WW  WW  RR  RR  AAAAAAAAAA  PP
WW  WW  WW  00      00  RR  RR  DD      DD  WW  WW  WW  RR  RR  AAAAAAAAAA  PP
WWWW  WWWW  00      00  RR      RR  DD      DD  WWWW  WWWW  RR      RR  AA      AA  PP
WWWW  WWWW  00      00  RR      RR  DD      DD  WWWW  WWWW  RR      RR  AA      AA  PP
WW      WW      000000  RR      RR  DDDDDDDD  WW      WW  RR      RR  AA      AA  PP
WW      WW      000000  RR      RR  DDDDDDDD  WW      WW  RR      RR  AA      AA  PP

```

```

....
....
....
....

```

```

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

```

:

: R

:

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49

```

0001 0 %TITLE 'EDT$WORDWRAP - do word wrapping'
0002 0 MODULE EDT$WORDWRAP ( ! Do word wrapping
0003 0 IDENT = 'V04-000' ! File: WORDWRAP.BLI Edit: SMB1004
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
0011 1 * ALL RIGHTS RESERVED. *
0012 1 *
0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
0014 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
0015 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
0016 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
0017 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
0018 1 * TRANSFERRED. *
0019 1 *
0020 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
0021 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
0022 1 * CORPORATION. *
0023 1 *
0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
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 trys to do word wrapping after an insert.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: John Sauter, CREATION DATE: April 7, 1982
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. JBS 07-Apr-1982
0045 1 1-002 - New screen update logic. JBS 13-Sep-1982
0046 1 1-003 - Add a parameter to split line routine. SMB 16-Nov-1982
0047 1 1-004 - Change the parameter to the split line routine. SMB 17-Nov-1982
0048 1 --
0049 1

```

```

: 51      0050 1 %SBTTL 'Declarations'
: 52      0051 1
: 53      0052 1 : TABLE OF CONTENTS:
: 54      0053 1 :
: 55      0054 1
: 56      0055 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 57      0494 1
: 58      0495 1 FORWARD ROUTINE
: 59      0496 1     EDT$$WORD_WRAP;
: 60      0497 1
: 61      0498 1 :
: 62      0499 1 : INCLUDE FILES:
: 63      0500 1 :
: 64      0501 1
: 65      0502 1 REQUIRE 'EDTSRC:EDTREQ';
: 66      0637 1
: 67      0638 1 :
: 68      0639 1 : MACROS:
: 69      0640 1
: 70      0641 1     NONE
: 71      0642 1
: 72      0643 1 : EQUATED SYMBOLS:
: 73      0644 1
: 74      0645 1     NONE
: 75      0646 1
: 76      0647 1 : OWN STORAGE:
: 77      0648 1
: 78      0649 1     NONE
: 79      0650 1
: 80      0651 1 : EXTERNAL REFERENCES:
: 81      0652 1
: 82      0653 1 :     In the routine

```

```

84 0654 1 %SBTTL 'EDT$$WORD_WRAP - do word wrapping'
85 0655 1
86 0656 1 GLOBAL ROUTINE EDT$$WORD_WRAP          ! Do word wrapping
87 0657 1 =
88 0658 1
89 0659 1 !++
90 0660 1 !FUNCTIONAL DESCRIPTION:
91 0661 1 !
92 0662 1 !   This routine is called after text has been inserted to do word wrapping
93 0663 1 !   if any is called for.
94 0664 1 !
95 0665 1 !FORMAL PARAMETERS:
96 0666 1 !
97 0667 1 !   NONE
98 0668 1 !
99 0669 1 !IMPLICIT INPUTS:
100 0670 1 !
101 0671 1 !   EDT$$T_LN_BUF
102 0672 1 !   EDT$$A_LN_PTR
103 0673 1 !   EDT$$A_LN_END
104 0674 1 !   EDT$$G_WD_WRAP
105 0675 1 !
106 0676 1 !IMPLICIT OUTPUTS:
107 0677 1 !
108 0678 1 !   NONE
109 0679 1 !
110 0680 1 !ROUTINE VALUE:
111 0681 1 !
112 0682 1 !   Always 1.
113 0683 1 !
114 0684 1 !SIDE EFFECTS:
115 0685 1 !
116 0686 1 !   NONE
117 0687 1 !
118 0688 1 !--
119 0689 1 !
120 0690 2 !   BEGIN
121 0691 2 !
122 0692 2 !   EXTERNAL ROUTINE
123 0693 2 !   EDT$$FMD_CHWID,
124 0694 2 !   EDT$$CS_LEFT,
125 0695 2 !   EDT$$CS_RIGHT,
126 0696 2 !   EDT$$FND_BWD,
127 0697 2 !   EDT$$SPLT_LNINS;
128 0698 2 !
129 0699 2 !   EXTERNAL
130 0700 2 !   EDT$$T_LN_BUF,          ! Current line buffer.
131 0701 2 !   EDT$$A_LN_PTR,          ! Current character pointer.
132 0702 2 !   EDT$$A_LN_END,          ! End of current line pointer.
133 0703 2 !   EDT$$G_WD_WRAP;         ! Word wrap point.
134 0704 2 !
135 0705 2 !   LOCAL
136 0706 2 !   CP,
137 0707 2 !   SAVE_POINT,
138 0708 2 !   DIFF,
139 0709 2 !   COL;
140 0710 2

```

```

: 141 0711 2 !+
: 142 0712 2 !- Do nothing if there is no word wrapping.
: 143 0713 2 !-
: 144 0714 2 !-
: 145 0715 2 IF (.EDT$$G_WD_WRAP NEQ 256)
: 146 0716 2 THEN
: 147 0717 2 BEGIN
: 148 0718 2 !+
: 149 0719 2 !- Compute the current cursor position.
: 150 0720 2 !-
: 151 0721 2 COL = 0;
: 152 0722 2 CP = CH$PTR (EDT$$LN_BUF);
: 153 0723 2 !-
: 154 0724 2 WHILE CH$PTR NEQ (.CP, .EDT$$LN_PTR) DO
: 155 0725 2 COL = .COL + EDT$$FMT_CHWID (CH$RCHAR_A (CP), .COL);
: 156 0726 2 !-
: 157 0727 2 !+
: 158 0728 2 !- If the current column is beyond the wrap point, wrap the line.
: 159 0729 2 !-
: 160 0730 2 !-
: 161 0731 2 IF (.COL GTR .EDT$$G_WD_WRAP)
: 162 0732 2 THEN
: 163 0733 2 BEGIN
: 164 0734 2 SAVE_POINT = .EDT$$LN_PTR;
: 165 0735 2 EDT$$CS_LEFT ();
: 166 0736 2 !-
: 167 0737 2 IF (CH$RCHAR (.EDT$$LN_PTR) EQL %C' ') THEN EDT$$CS_RIGHT () ELSE EDT$$FND_BWD (1);
: 168 0738 2 !-
: 169 0739 2 DIFF = CH$DIFF (.SAVE_POINT, .EDT$$LN_PTR);
: 170 0740 2 !-
: 171 0741 2 IF CH$PTR_NEQ (.EDT$$LN_PTR, CH$PTR (EDT$$LN_BUF)) THEN EDT$$SPLT_LNINS (1); ! Use optimi
: 172 0742 2 !-
: 173 0743 2 EDT$$LN_PTR = CH$PLUS (.EDT$$LN_PTR, .DIFF);
: 174 0744 2 END;
: 175 0745 2 !-
: 176 0746 2 END;
: 177 0747 2 !-
: 178 0748 2 RETURN (1);
: 179 0749 1 END;

```

! of routine EDT\$\$WORD\_WRAP

```

.TITLE EDT$WORDWRAP EDT$WORDWRAP - do word wrapping
.IDENT \V04-000\

.EXTRN EDT$$FMT_CHWID, EDT$$CS_LEFT
.EXTRN EDT$$CS_RIGHT, EDT$$FND_BWD
.EXTRN EDT$$SPLT_LNINS
.EXTRN EDT$$LN_BUF, EDT$$LN_PTR
.EXTRN EDT$$LN_END, EDT$$G_WD_WRAP

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

.ENTRY EDT$$WORD_WRAP, Save R2,R3,R4,R5,R6 : 0656
MOVAB EDT$$G_WD_WRAP, R6 :
MOVAB EDT$$LN_BUF, R5 :
MOVAB EDT$$LN_PTR, R4 :
CMPL EDT$$G_WD_WRAP, #256 : 0715

```

```

00000100 56 00000000G 00 007C 00000
55 00000000G 00 9E 00002
54 00000000G 00 9E 00009
8F 00000000G 00 9E 00010
66 D1 00017

```

	5E	13	0001E	BEQL	6\$			
	53	D4	00020	CLRL	COL		0721	
	52	9E	00022	MOVAB	EDT\$\$T_LN_BUF, CP		0722	
64	52	D1	00025	1\$:	CMPL	CP, EDT\$\$A_LN_PTR	0724	
	11	13	00028	BEQL	2\$			
	53	DD	0002A	PUSHL	COL		0725	
	7E	82	9A	0002C	MOVZBL	(CP)+, -(SP)		
00000000G	00	02	FB	0002F	CALLS	#2, EDT\$\$FMT_CHWID		
	53	50	C0	00036	ADDL2	R0, COL		
		EA	11	00039	BRB	1\$		
	66	53	D1	0003B	2\$:	CMPL	COL, EDT\$\$G_WD_WRAP	0731
		3E	15	0003E	BLEQ	6\$		
	52	64	D0	00040	MOVL	EDT\$\$A_LN_PTR, SAVE_POINT	0734	
00000000G	00	00	FB	00043	CALLS	#0, EDT\$\$CS_LEFT	0735	
	50	64	D0	0004A	MOVL	EDT\$\$A_LN_PTR, R0	0737	
	20	60	91	0004D	CMPB	(R0), #32		
		09	12	00050	BNEQ	3\$		
00000000G	00	00	FB	00052	CALLS	#0, EDT\$\$CS_RIGHT		
		09	11	00059	BRB	4\$		
		01	DD	0005B	3\$:	PUSHL	#1	
00000000G	00	01	FB	0005D	CALLS	#1, EDT\$\$FND_BWD		
	51	64	D0	00064	4\$:	MOVL	EDT\$\$A_LN_PTR, R1	0739
	52	51	C2	00067	SUBL2	R1, DIFF		
	50	65	9E	0006A	MOVAB	EDT\$\$T_LN_BUF, R0	0741	
	50	51	D1	0006D	CMPL	R1, R0		
		09	13	00070	BEQL	5\$		
		01	DD	00072	PUSHL	#1		
00000000G	00	01	FB	00074	CALLS	#1, EDT\$\$SPLT_LNINS		
	64	52	C0	0007B	5\$:	ADDL2	DIFF, EDT\$\$A_LN_PTR	0743
	50	01	D0	0007E	6\$:	MOVL	#1, R0	0748
		04	00081	RET			0749	

; Routine Size: 130 bytes, Routine Base: \_EDT\$CODE + 0000

; 180 0750 1  
; 181 0751 1 !<BLF/PAGE>

: 1  
: 1  
: 1  
: 1  
: 1  
: 1  
: 1  
: 1  
: 1  
: 1



