

.....

.....

.....

.....

.....

```

CCCCCCCC  HH      HH  MM      MM  EEEEEEEEE  NN      NN  DDDDDDD  WW      WW  RRRRRRR  DDDDDDD
CCCCCCCC  HH      HH  MM      MM  EEEEEEEEE  NN      NN  DDDDDDD  WW      WW  RRRRRRR  DDDDDDD
CC        HH      HH  MMMM    MMMM  EE          NN      NN  DD      DD  WW      WW  RR      RR  DD      DD
CC        HH      HH  MMMM    MMMM  EE          NN      NN  DD      DD  WW      WW  RR      RR  DD      DD
CC        HH      HH  MM      MM  EE          NNNN   NN  DD      DD  WW      WW  RR      RR  DD      DD
CC        HH      HH  MM      MM  EE          NNNN   NN  DD      DD  WW      WW  RR      RR  DD      DD
CC        HHHHHHHHHH  MM      MM  EEEEEEEEE  NN  NN  NN  DD      DD  WW      WW  RRRRRRR  DD      DD
CC        HHHHHHHHHH  MM      MM  EEEEEEEEE  NN  NN  NN  DD      DD  WW      WW  RRRRRRR  DD      DD
CC        HH      HH  MM      MM  EE          NN      NNNN  DD      DD  WW  WW  WW  RR  RR  DD      DD
CC        HH      HH  MM      MM  EE          NN      NNNN  DD      DD  WW  WW  WW  RR  RR  DD      DD
CC        HH      HH  MM      MM  EE          NN      NN  DD      DD  WWW  WWW  RR      RR  DD      DD
CC        CCCCCCCC  HH      HH  MM      MM  EEEEEEEEE  NN      NN  DDDDDDD  WW      WW  RR      RR  DDDDDDD
CCCCCCCC  HH      HH  MM      MM  EEEEEEEEE  NN      NN  DDDDDDD  WW      WW  RR      RR  DDDDDDD

```

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

```

LL        IIIIII  SSSSSSS
LL        IIIIII  SSSSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SSSSS
LL        II      SSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        IIIIII  SSSSSSS
LLLLLLLL  IIIIII  SSSSSSS
LLLLLLLL  IIIIII  SSSSSSS

```

```

1 0001 0 %TITLE 'EDT$CHMENDWRD - find the end of a word'
2 0002 0 MODULE EDT$CHMENDWRD ( ! Find the end of a word
3 0003 0 IDENT = 'V04-000' ! File: CHMENDWRD.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 finds the end of the word entity.
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: Unknown
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
45 0045 1 extracting the routine EDT$$FND EWD from module CHANGE.BLI.
46 0046 1 1-002 - Regularize headers. JBS 27-Feb-1981
47 0047 1 1-003 - Fix module name. JBS 02-Mar-1981
48 0048 1 1-004 - Add handling for new type of word. STS 23-Oct-1981
49 0049 1 1-005 - Put WPS support under a conditional. JBS 10-Feb-1983
50 0050 1 --
51 0051 1

```

```
53 0052 1 %SBTTL 'Declarations'  
54 0053 1  
55 0054 1 : TABLE OF CONTENTS:  
56 0055 1 :  
57 0056 1  
58 0057 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
59 0496 1  
60 0497 1 FORWARD ROUTINE  
61 0498 1 EDT$FND_EWD; ! find the end of a word  
62 0499 1  
63 0500 1 :  
64 0501 1 : INCLUDE FILES:  
65 0502 1 :  
66 0503 1  
67 0504 1 REQUIRE 'EDT$SRC:EDTREQ';  
68 0639 1  
69 0640 1 LIBRARY 'EDT$SRC:SUPPORTS';  
70 0641 1  
71 0642 1 :  
72 0643 1 : MACROS:  
73 0644 1 :  
74 0645 1 : NONE  
75 0646 1 :  
76 0647 1 : EQUATED SYMBOLS:  
77 0648 1 :  
78 0649 1 : NONE  
79 0650 1 :  
80 0651 1 : OWN STORAGE:  
81 0652 1 :  
82 0653 1 : NONE  
83 0654 1 :  
84 0655 1 : EXTERNAL REFERENCES:  
85 0656 1 :  
86 0657 1 : In the routine
```

```

88 0658 1 %SBTTL 'EDT$$FND_EWD - find the end of a word'
89 0659 1
90 0660 1 GLOBAL ROUTINE EDT$$FND_EWD          ! Find the end of a word
91 0661 1 =
92 0662 1
93 0663 1 !++
94 0664 1 ! FUNCTIONAL DESCRIPTION:
95 0665 1
96 0666 1 ! Find the end of a word.
97 0667 1
98 0668 1 ! The number of characters between the cursor and the end of the word
99 0669 1 ! is returned.
100 0670 1
101 0671 1 ! FORMAL PARAMETERS:
102 0672 1
103 0673 1 ! NONE
104 0674 1
105 0675 1 ! IMPLICIT INPUTS:
106 0676 1
107 0677 1 ! EDT$$A_US_ENT
108 0678 1 ! EDT$$T_LN_BUF
109 0679 1 ! EDT$$G_WRD TYP
110 0680 1 ! EDT$$A_LN_PTR
111 0681 1
112 0682 1 ! IMPLICIT OUTPUTS:
113 0683 1
114 0684 1 ! NONE
115 0685 1
116 0686 1 ! ROUTINE VALUE
117 0687 1
118 0688 1 ! The number of characters between the cursor and the end of the word.
119 0689 1
120 0690 1 ! SIDE EFFECTS:
121 0691 1
122 0692 1 ! NONE
123 0693 1
124 0694 1 ! --
125 0695 1
126 0696 2 ! BEGIN
127 0697 2
128 0698 2 ! EXTERNAL ROUTINE
129 0699 2 ! EDT$$TST_ENTDELIM, ! Determine if the current character is an entity delimiter
130 0700 2 ! EDT$$CS_RIGHT; ! Move right a character
131 0701 2
132 0702 2 ! EXTERNAL
133 0703 2 ! EDT$$A_US_ENT : VECTOR, ! Pointers to user defined entities
134 0704 2 ! EDT$$T_LN_BUF, ! Current line buffer
135 0705 2
136 L 0706 2 ! %IF SUPPORT_WPS
137 0707 2 ! %THEN
138 0708 2 ! EDT$$G_WRD TYP, ! indicates whether delimiters are words
139 0709 2 ! %FI
140 0710 2
141 0711 2 ! EDT$$A_LN_PTR; ! Current character pointer
142 0712 2
143 0713 2 ! LOCAL
144 0714 2 ! SIZE;

```

```

145 0715 2
146 0716 2 SIZE = 0;
147 0717 2
148 0718 2 | + Scan up to a delimiter.
149 0719 2 | -
150 0720 2
151 0721 2 WHILE ( NOT EDT$$ST_ENTDELIM (.EDT$$A_US_ENT [0])) DO
152 0722 3 BEGIN
153 0723 3
154 0724 3 IF NOT EDT$$CS_RIGHT () THEN EXITLOOP;
155 0725 3
156 0726 3 SIZE = .SIZE + 1;
157 0727 2 END;
158 0728 2
159 0729 2 | +
160 0730 2 | If the delimiter was a space, or there were no characters before the
161 0731 2 | delimiter, then scan past all trailing spaces (but do not cross a line).
162 0732 2 | -
163 0733 2
164 L 0734 2 %IF SUPPORT_WPS
165 0735 2 %THEN
166 0736 2
167 0737 3 IF (.EDT$$G_WRDTYP EQL DELIMITED)
168 0738 2 THEN
169 0739 2 %FI
170 0740 2
171 0741 3 BEGIN
172 0742 3
173 0743 4 IF ((.SIZE EQL 0) OR (CH$RCHAR (.EDT$$A_LN_PTR) EQL %C' '))
174 0744 3 THEN
175 0745 3
176 0746 3 DO
177 0747 4 BEGIN
178 0748 4 EDT$$CS_RIGHT ();
179 0749 4 SIZE = .SIZE + 1;
180 0750 4 END
181 0751 4 UNTIL (CH$PTR EQL (.EDT$$A_LN_PTR, CH$PTR (EDT$$ST_LN_BUF)) OR !
182 0752 3 (CH$RCHAR (.EDT$$A_LN_PTR) NEQ %C' '));
183 0753 3
184 0754 3 END
185 0755 3
186 L 0756 3 %IF SUPPORT_WPS
187 0757 3 %THEN
188 0758 2 ELSE
189 0759 2 | +
190 0760 2 | Delimiters are not considered words so pass over any delimiters
191 0761 2 | -
192 0762 2 BEGIN
193 0763 3
194 0764 4 IF (.SIZE EQL 0) OR (EDT$$ST_ENTDELIM (.EDT$$A_US_ENT [0]))
195 0765 3 THEN
196 0766 3
197 0767 3 DO
198 0768 4 BEGIN
199 0769 4
200 0770 4 IF NOT EDT$$CS_RIGHT () THEN EXITLOOP;
201 0771 4
```

```

: 202 0772 4      SIZE = .SIZE + 1;
: 203 0773 4      END
: 204 0774 4      UNTIL ( NOT EDT$$STST_ENTDELIM (.EDT$$A_US_ENT [0]));
: 205 0775 4
: 206 0776 4      END
: 207 0777 4      %FI
: 208 0778 4
: 209 0779 4
: 210 0780 2      ;
: 211 0781 1      RETURN (.SIZE);
                    END;

```

! of routine EDT\$\$FND_EWD

```

.TITLE EDT$CHMENDWRD EDT$CHMENDWRD - find the end of a
        word
.IDENT  \V04-000\

.EXTRN EDT$$STST_ENTDELIM
.EXTRN EDT$$CS_RIGHT, EDT$$A_US_ENT
.EXTRN EDT$$ST_LN_BUF, EDT$$G_WRDTYP
.EXTRN EDT$$A_LN_PTR

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

```

		007C 00000	.ENTRY	EDT\$\$FND_EWD, Save R2,R3,R4,R5,R6	: 0660
56	00000G00G	00 9E 00002	MOVAB	EDT\$\$A_US_ENT, R6	
55	00000000G	00 9E 00009	MOVAB	EDT\$\$A_LN_PTR, R5	
54	00000000G	00 9E 00010	MOVAB	EDT\$\$STST_ENTDELIM, R4	
53	00000000G	00 9E 00017	MOVAB	EDT\$\$CS_RIGHT, R3	
		52 D4 0001E	CLRL	SIZE	: 0716
		66 DD 00020	PUSHL	EDT\$\$A_US_ENT	: 0721
64		01 FB 00022	CALLS	#1, EDT\$\$STST_ENTDELIM	
0A		50 E8 00025	BLBS	R0, 2\$	
63		00 FB 00028	CALLS	#0, EDT\$\$CS_RIGHT	: 0724
04		50 E9 0002B	BLBC	R0, 2\$	
		52 D6 0002E	INCL	SIZE	: 0726
		EE 11 00030	BRB	1\$: 0721
	00000000G	00 D5 00032	TSTL	EDT\$\$G_WRDTYP	: 0737
		27 12 00038	BNEQ	4\$	
		52 D5 0003A	TSTL	SIZE	: 0743
		08 13 0003C	BEQL	3\$	
50		65 D0 0003E	MOVL	EDT\$\$A_LN_PTR, R0	
20		60 91 00041	CMPB	(R0), #32	
		31 12 00044	BNEQ	7\$	
63		00 FB 00046	CALLS	#0, EDT\$\$CS_RIGHT	: 0748
		52 D6 00049	INCL	SIZE	: 0749
51		65 D0 0004B	MOVL	EDT\$\$A_LN_PTR, R1	: 0751
50	00000000G	00 9E 0004E	MOVAB	EDT\$\$ST_LN_BUF, R0	
50		51 D1 00055	CMPB	R1, R0	
		1D 13 00058	BEQL	7\$	
20		61 91 0005A	CMPB	(R1), #32	: 0752
		E7 13 0005D	BEQL	3\$	
		16 11 0005F	BRB	7\$: 0737
		52 D5 00061	TSTL	SIZE	: 0764
		08 13 00063	BEQL	6\$	
		66 DD 00065	PUSHL	EDT\$\$A_US_ENT	
64		01 FB 00067	CALLS	#1, EDT\$\$STST_ENTDELIM	
0A		50 E9 0006A	BLBC	R0, 7\$	

EDT\$CHMENDWRD
V04-000

EDT\$CHMENDWRD - find the end of a word
EDT\$\$FND_EWD - find the end of a word

F 2
15-Sep-1984 23:51:38
14-Sep-1984 12:22:28

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMENDWRD.BLI;1

Page 6
(3)

E
V

63	00	FB	0006D	6\$:	CALLS	#0, EDT\$\$CS_RIGHT	:	0770
04	50	E9	00070		BLBC	RO, 7\$:	
	52	D6	00073		INCL	SIZE	:	0772
	EE	11	00075		BRB	5\$:	0774
50	52	D0	00077	7\$:	MOVL	SIZE, RO	:	0780
	04	0007A			RET		:	0781

: Routine Size: 123 bytes, Routine Base: _EDT\$CODE + 0000

: 212 0782 1
: 213 0783 1 !<BLF/PAGE>

EDT\$CHMENDWRD
V04-000

EDT\$CHMENDWRD - find the end of a word
EDT\$\$FND_EWD - find the end of a word

G 2
15-Sep-1984 23:51:38
14-Sep-1984 12:22:28

VAX-11 BlISS-32 V4.0-742
[EDT.SRC]CHMENDWRD.BLI;1

Page 7
(4)

: 215 0784 1 END
: 216 0785 1
: 217 0786 0 ELUDOM

. of module EDT\$CHMENDWRD

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	123	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
-\$255\$DUA28:[EDT.SRC]SUPPORTS.L32;1	2	1	50	5	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMENDWRD/OBJ=OBJ\$:CHMENDWRD MSRC\$:CHMENDWRD.BLI/UPDATE=(ENH\$:CHMENDWRD)

: Size: 123 code + 0 data bytes
: Run Time: 00:12.7
: Elapsed Time: 00:33.2
: Lines/CPU Min: 3707
: Lexemes/CPU-Min: 10584
: Memory Used: 82 pages
: Compilation Complete

CHMFINENT LIS	CHMINIT LIS
CHMGCOUNT LIS	CHMGINSTR LIS
CHMGSUSTR LIS	CHMINSMOD LIS
CHMEMESS LIS	CHMINSTAB LIS
CHMENTRM LIS	CHMINSCHR LIS
CHMEXVERB LIS	CHMINDATE LIS
CHMFINSTR LIS	CHMGDTR LIS
CHMGQSTR LIS	CHMLPKPD LIS
CHMINSSTR LIS	CHMKEYWRD LIS
CHMENDWRD LIS	CHMEXCOM LIS