


```

CCCCCCCC  HH      HH  MM      MM  BBBB8888  EEEEEEEEE  GGGGGGGG  WW      WW  RRRRRRRR  DDDDDDDD
CCCCCCCC  HH      HH  MM      MM  BBBB8888  EEEEEEEEE  GGGGGGGG  WW      WW  RRRRRRRR  DDDDDDDD
CC        HH      HH  MMMM  MMMM  BB      BB  EE        GG        WW      WW  RR      RR  DD      DD
CC        HH      HH  MMMM  MMMM  BB      BB  EE        GG        WW      WW  RR      RR  DD      DD
CC        HH      HH  MM      MM  BB      BB  EE        GG        WW      WW  RR      RR  DD      DD
CC        HH      HH  MM      MM  BB      BB  EE        GG        WW      WW  RR      RR  DD      DD
CC        HHHHHHHHHH  MM      MM  BBBB8888  EEEEEEEEE  GG        WW      WW  RRRRRRRR  DD      DD
CC        HHHHHHHHHH  MM      MM  BBBB8888  EEEEEEEEE  GG        WW      WW  RRRRRRRR  DD      DD
CC        HH      HH  MM      MM  BB      BB  EE        GG  GGGGGG  WW  WW  WW  RR  RR  DD      DD
CC        HH      HH  MM      MM  BB      BB  EE        GG  GGGGGG  WW  WW  WW  RR  RR  DD      DD
CC        HH      HH  MM      MM  BB      BB  EE        GG        GG  WWWW  WWWW  RR  RR  DD      DD
CC        HH      HH  MM      MM  BB      BB  EE        GG        GG  WWWW  WWWW  RR  RR  DD      DD
CCCCCCCC  HH      HH  MM      MM  BBBB8888  EEEEEEEEE  GGGGGG  WW      WW  RR      RR  DDDDDDDD  ....
CCCCCCCC  HH      HH  MM      MM  BBBB8888  EEEEEEEEE  GGGGGG  WW      WW  RR      RR  DDDDDDDD  ....

```

```

LL        IIIIII  SSSSSSSS
LL        IIIIII  SSSSSSSS
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$CHMBEGWRD - search for beginning of word'
2 0002 0 MODULE EDT$CHMBEGWRD ( ! Search for beginning of word
3 0003 0 IDENT = 'V04-000' ! File: CHMBEGWRD.BLI Edit: JBS1006
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 moves backward to the beginning of a word.
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_BWD 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 of new word type. STS 23-Oct-1981
49 0049 1 1-005 - Return if we're at the beginning of the buffer. STS 21-Jun-1982
50 0050 1 1-006 - Add conditional for WPS support. JBS 10-Feb-1983
51 0051 1 --
52 0052 1
    
```

```
.. 54 0053 1 %SBTTL 'Declarations'  
.. 55 0054 1  
.. 56 0055 1 : TABLE OF CONTENTS:  
.. 57 0056 1 :  
.. 58 0057 1  
.. 59 0058 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 60 0497 1  
.. 61 0498 1 FORWARD ROUTINE  
.. 62 0499 1 EDT$$FND_BWD; ! Move backwards to the beginning of a word  
.. 63 0500 1  
.. 64 0501 1 :  
.. 65 0502 1 : INCLUDE FILES:  
.. 66 0503 1 :  
.. 67 0504 1  
.. 68 0505 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 69 0640 1  
.. 70 0641 1 LIBRARY 'EDTSRC:SUPPORTS';  
.. 71 0642 1  
.. 72 0643 1 :  
.. 73 0644 1 : MACROS:  
.. 74 0645 1 :  
.. 75 0646 1 : NONE  
.. 76 0647 1 :  
.. 77 0648 1 : EQUATED SYMBOLS:  
.. 78 0649 1 :  
.. 79 0650 1 : NONE  
.. 80 0651 1 :  
.. 81 0652 1 : OWN STORAGE:  
.. 82 0653 1 :  
.. 83 0654 1 : NONE  
.. 84 0655 1 :  
.. 85 0656 1 : EXTERNAL REFERENCES:  
.. 86 0657 1 :  
.. 87 0658 1 : In the routine
```

```

89 0659 1 %SBTTL 'EDT$$FND_BWD - search for the beginning of a word'
90 0660 1
91 0661 1 GLOBAL ROUTINE EDT$$FND_BWD (          ! Search for the beginning of a word
92 0662 1     L_FLAG                          ! 1 = stop at start of line
93 0663 1     )=
94 0664 1
95 0665 1 ++
96 0666 1 FUNCTIONAL DESCRIPTION:
97 0667 1
98 0668 1     Move backwards to the beginning of a word.
99 0669 1
100 0670 1 FORMAL PARAMETERS:
101 0671 1
102 0672 1     L_FLAG                          1 = do not go beyond the beginning of a line
103 0673 1
104 0674 1 IMPLICIT INPUTS:
105 0675 1
106 0676 1     EDT$$A_US_ENT
107 0677 1     EDT$$T_LN_BUF
108 0678 1     EDT$$G_WRD_TYP
109 0679 1     EDT$$A_LN_PTR
110 0680 1
111 0681 1 IMPLICIT OUTPUTS:
112 0682 1
113 0683 1     NONE
114 0684 1
115 0685 1 ROUTINE VALUE:
116 0686 1
117 0687 1     The length of the word
118 0688 1
119 0689 1 SIDE EFFECTS:
120 0690 1
121 0691 1     NONE
122 0692 1
123 0693 1 --
124 0694 1
125 0695 2 BEGIN
126 0696 2
127 0697 2 EXTERNAL ROUTINE
128 0698 2     EDT$$TST_ENTDELIM,          ! Determine if the current character is an entity delimiter
129 0699 2     EDT$$CS_LEFT,              ! Move left a character
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,          ! indicate whether or not to include delimiters
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 | + Go past all spaces to the left first. If nodelimiters set, also go past
149 0719 2 | - all delimiters.
150 0720 2
151 0721 2
152 L 0722 2 %IF SUPPORT_WPS
153 0723 2 %THEN
154 0724 2
155 0725 2 IF (.EDT$$G_WRD_TYP EQL NOT_DELIMITED)
156 0726 2 THEN
157 0727 2
158 0728 2 WHILE (EDT$$ST_ENTDELIM (.EDT$$A_US_ENT [0])) DO
159 0729 2
160 0730 2 IF EDT$$CS_LEFT () THEN SIZE = .SIZE + 1 ELSE RETURN (.SIZE)
161 0731 2
162 0732 2 ELSE
163 0733 2 %FI
164 0734 2
165 0735 2 WHILE (CH$RCHAR (.EDT$$A_LN_PTR) EQL %C' ') DO
166 0736 2
167 0737 2 IF EDT$$CS_LEFT () THEN SIZE = .SIZE + 1 ELSE RETURN (.SIZE);
168 0738 2
169 0739 2 | +
170 0740 2 | - Keep moving left until we hit a terminator or beginning of file.
171 0741 2
172 0742 2
173 0743 2 WHILE ( NOT EDT$$ST_ENTDELIM (.EDT$$A_US_ENT [0])) DO
174 0744 2 BEGIN
175 0745 2 | +
176 0746 2 | - If L_FLAG is 1, do not go beyond the beginning of line.
177 0747 2
178 0748 2
179 0749 2 IF ((.L_FLAG EQL 1) AND CH$PTR_EQL (.EDT$$A_LN_PTR, CH$PTR (EDT$$T_LN_BUF))) THEN EXITLOOP;
180 0750 2
181 0751 2 | +
182 0752 2 | - Do not go beyond the beginning of file.
183 0753 2
184 0754 2
185 0755 2 IF ( NOT EDT$$CS_LEFT ()) THEN EXITLOOP;
186 0756 2
187 0757 2 | +
188 0758 2 | - Continue search.
189 0759 2
190 0760 2 SIZE = .SIZE + 1;
191 0761 2 END;
192 0762 2
193 0763 2 | +
194 0764 2 | - If we moved across any characters before finding a delimiter, then do
195 0765 2 | - not include the delimiter in the word, otherwise, the word is the delimiter
196 0766 2 | - character.
197 0767 2
198 0768 2
199 0769 2 IF ((.SIZE GTR 0) AND EDT$$ST_ENTDELIM (.EDT$$A_US_ENT [0]))
200 0770 2 THEN
201 0771 2 BEGIN
202 0772 2 SIZE = .SIZE - 1;
```

: 203 0773 3
: 204 0774 2
: 205 0775 2
: 206 0776 2
: 207 0777 1

EDT\$\$CS_RIGHT ();
END;
RETURN (.SIZE);
END;

! of routine EDT\$\$FND_BWRD

.TITLE EDT\$CHMBEGWRD EDT\$CHMBEGWRD - search for beginn
ing of word

.IDENT \V04-000\

.EXTRN EDT\$\$TST_ENTDELIM
.EXTRN EDT\$\$CS_LEFT, EDT\$\$CS_RIGHT
.EXTRN EDT\$\$A_US_ENT, EDT\$\$T_LN_BUF
.EXTRN EDT\$\$G_WRD_TYP, EDT\$\$A_LN_PTR

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

.ENTRY EDT\$\$FND_BWD, Save R2,R3,R4,R5,R6

007C 00000
56 00000000G 00 9E 00002
55 00000000G 00 9E 00009
54 00000000G 00 9E 00010
53 00000000G 00 9E 00017
01 00000000G 52 D4 0001E
00 D1 00020
12 12 00027
63 DD 00029 1\$:
64 01 FB 0002B
1C 50 E9 0002E
65 00 FB 00031
4F 50 E9 00034
52 D6 00037
EE 11 00039
50 66 D0 0003B 2\$:
20 60 91 0003E
0A 12 00041
65 00 FB 00043
3D 50 E9 00046
52 D6 00049
EE 11 0004B
64 63 DD 0004D 3\$:
1C 01 FB 0004F
01 04 AC D1 00055
0C 12 00059
50 00000000G 00 9E 0005B
50 66 D1 00062
0A 13 00065
65 00 FB 00067 4\$:
04 50 E9 0006A
52 D6 0006D
DC 11 0006F
52 D5 00071 5\$:
11 15 00073
63 DD 00075
64 01 FB 00077
09 50 E9 0007A

MOVAB EDT\$\$A_LN_PTR, R6
MOVAB EDT\$\$CS_LEFT, R5
MOVAB EDT\$\$TST_ENTDELIM, R4
MOVAB EDT\$\$A_US_ENT, R3
CLRL SIZE
CMPL EDT\$\$G_WRD_TYP, #1
BNEQ 2\$
PUSHL EDT\$\$A_US_ENT
CALLS #1, EDT\$\$TST_ENTDELIM
BLBC R0, 3\$
CALLS #0, EDT\$\$CS_LEFT
BLBC R0, 6\$
INCL SIZE
BRB 1\$
MOVL EDT\$\$A_LN_PTR, R0
CMPB (R0), #32
BNEQ 3\$
CALLS #0, EDT\$\$CS_LEFT
BLBC R0, 6\$
INCL SIZE
BRB 2\$
PUSHL EDT\$\$A_US_ENT
CALLS #1, EDT\$\$TST_ENTDELIM
BLBS R0, 5\$
CMPL L_FLAG, #1
BNEQ 4\$
MOVAB EDT\$\$T_LN_BUF, R0
CMPL EDT\$\$A_LN_PTR, R0
BEQL 5\$
CALLS #0, EDT\$\$CS_LEFT
BLBC R0, 5\$
INCL SIZE
BRB 3\$
TSTL SIZE
BLEQ 6\$
PUSHL EDT\$\$A_US_ENT
CALLS #1, EDT\$\$TST_ENTDELIM
BLBC R0, 6\$

: 0661
: 0716
: 0725
: 0728
: 0730
: 0735
: 0737
: 0743
: 0749
: 0755
: 0760
: 0743
: 0769

EDT\$CHMBEGWRD
V04-000

EDT\$CHMBEGWRD - search for beginning of word
EDT\$\$FND_BWD - search for the beginning of a w

D 10
15-Sep-1984 23:45:12
14-Sep-1984 12:22:21

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

Page 6
(3)

00000000G 00
50

52 D7 0007D
00 FB 0007F
52 D0 00086 6\$:
04 00089

DECL SIZE
CALLS #0, EDT\$\$CS_RIGHT
MOVL SIZE, R0
RET

: 0772
: 0773
: 0776
: 0777

: Routine Size: 138 bytes, Routine Base: _EDT\$CODE + 0000

: 208 0778 1
: 209 0779 1 !<BLF/PAGE>

: 211 0780 1 END ! of module EDT\$CHMBEGWRD
 : 212 0781 1
 : 213 0782 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	138	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\$:CHMBEGWRD/OBJ=OBJ\$:CHMBEGWRD MSRC\$:CHMBEGWRD.BLI/UPDATE=(ENH\$:CHMBEGWRD)

: Size: 138 code + 0 data bytes
 : Run Time: 00:12.7
 : Elapsed Time: 00:15.4
 : Lines/CPU Min: 3706
 : Lexemes/CPU-Min: 10578
 : Memory Used: 81 pages
 : Compilation Complete

