


```
CCCCCCCC HH HH MM MM BBBB BBBB EEEEEEEEE GGGGGGG SSSSSSS EEEEEEEEE NN NN
CCCCCCCC HH HH MM MM BBBB BBBB EEEEEEEEE GGGGGGG SSSSSSS EEEEEEEEE NN NN
CC HH HH MMM MMM BB BB EE EE GG GG SS SS EE EE NN NN
CC HH HH MMM MMM BB BB EE EE GG GG SS SS EE EE NN NN
CC HH HH MM MM BB BB EE EE GG GG SS SS EE EE NN NN
CC HH HH MM MM BB BB EE EE GG GG SS SS EE EE NN NN
CC HHHHHHHH MM MM BBBB BBBB EEEEEEEEE GG GG SSSSSS EEEEEEEEE NN NN
CC HHHHHHHH MM MM BBBB BBBB EEEEEEEEE GG GG SSSSSS EEEEEEEEE NN NN
CC HH HH MM MM BB BB EE EE GG GGGGG SS EE NN NNNN
CC HH HH MM MM BB BB EE EE GG GGGGG SS EE NN NNNN
CC HH HH MM MM BB BB EE EE GG GG SS EE NN NN
CC HH HH MM MM BB BB EE EE GG GG SS EE NN NN
CCCCCCCC HH HH MM MM BBBB BBBB EEEEEEEEE GGGGG SSSSSSS EEEEEEEEE NN NN
CCCCCCCC HH HH MM MM BBBB BBBB EEEEEEEEE GGGGG SSSSSSS EEEEEEEEE NN NN
```

```
LL I I I I I SSSSSSS
LL I I I I I SSSSSSS
LL I I SS
LL I I SS
LL I I SS
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LL I I SSSSSS
LL I I SSSSSS
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LLLLLLLLLL I I I I I SSSSSSS
LLLLLLLLLL I I I I I SSSSSSS
```

```
1 0001 0 %TITLE 'EDT$CHMBEGSEN - find the beginning of a sentence'  
2 0002 0 MODULE EDT$CHMBEGSEN ( ! Find the beginning of a sentence  
3 0003 0 IDENT = 'V04-000' ! File: CHMBEGSEN.BLI Edit: JBS1004  
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 *  
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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 finds the beginning of a sentence.  
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_BSEN 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 - Improve the appearance of the listing. JBS 13-Jun-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 'EDT$SRC:TRAROUNAM';  
: 58      0495 1 |  
: 59      0496 1 FORWARD ROUTINE  
: 60      0497 1     EDT$$FND_BSEN : NOVALUE;           ! Find the beginning of a sentence  
: 61      0498 1 |  
: 62      0499 1 |  
: 63      0500 1 | INCLUDE FILES:  
: 64      0501 1 |  
: 65      0502 1 |  
: 66      0503 1 REQUIRE 'EDT$SRC: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 |     NONE  
: 76      0647 1 |  
: 77      0648 1 | OWN STORAGE:  
: 78      0649 1 |  
: 79      0650 1 |     NONE  
: 80      0651 1 |  
: 81      0652 1 | EXTERNAL REFERENCES:  
: 82      0653 1 |  
: 83      0654 1 |     In the routine
```

```

: 85 0655 1 %SBTTL 'EDT$$FND_BSEN - find the beginning of a sentence'
: 86 0656 1
: 87 0657 1 GLOBAL ROUTINE EDT$$FND_BSEN ! Find the beginning of a sentence
: 88 0658 1 : NOVALUE =
: 89 0659 1
: 90 0660 1 !++
: 91 0661 1 FUNCTIONAL DESCRIPTION:
: 92 0662 1
: 93 0663 1 Find the beginning of a sentence. Scan backwards until we find
: 94 0664 1 a sentence delimiter, then include forward over the delimiter and
: 95 0665 1 the <CR> or all spaces.
: 96 0666 1
: 97 0667 1 FORMAL PARAMETERS:
: 98 0668 1
: 99 0669 1 NONE
100 0670 1
101 0671 1 IMPLICIT INPUTS:
102 0672 1
103 0673 1 NONE
104 0674 1
105 0675 1 IMPLICIT OUTPUTS:
106 0676 1
107 0677 1 NONE
108 0678 1
109 0679 1 ROUTINE VALUE:
110 0680 1
111 0681 1 NONE
112 0682 1
113 0683 1 SIDE EFFECTS:
114 0684 1
115 0685 1 NONE
116 0686 1
117 0687 1 !--
118 0688 1
119 0689 2 BEGIN
120 0690 2
121 0691 2 EXTERNAL ROUTINE
122 0692 2 EDT$$CS_LEFT, ! Move left a character
123 0693 2 EDT$$FND_SENDLIM; ! Look for a sentence delimiter
124 0694 2
125 0695 2 !+
126 0696 2 Scan back to a delimiter.
127 0697 2 !-
128 0698 2
129 0699 2 DO
130 0700 2 BEGIN
131 0701 2
132 0702 2 IF ( NOT EDT$$CS_LEFT () ) THEN RETURN;
133 0703 2
134 0704 2 END
135 0705 2 UNTIL EDT$$FND_SENDLIM (1);
136 0706 2
137 0707 1 END; ! of routine EDT$$FND_BSEN

.TITLE EDT$CHMBEGSEN EDT$CHMBEGSEN - find the beginnin
g of a sentenc
```

EDT\$CHMBEGSEN
V04-000

EDT\$CHMBEGSEN - find the beginning of a sentenc
EDT\$\$FND_BSEN - find the beginning of a senten

1 9
15-Sep-1984 23:44:49
14-Sep-1984 12:22:20

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

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(3)

```
00000000G 00      0000 00000
                00 FB 00002 1$:
                50 E9 00009
00000000G 00      01 DD 0000C
                01 FB 0000E
                50 E9 00015
                04 00018 2$:
```

```
.IDENT  \V04-000\  
.EXTRN  EDT$$CS_LEFT, EDT$$FND_SEIDLIM  
.PSECT  _EDT$CODE,NOWRT, SHR, PIC,2  
.ENTRY  EDT$$FND_BSEN, Save nothing  
CALLS  #0, EDT$$CS_LEFT  
BLBC   RO, 2$  
PUSHL  #1  
CALLS  #1, EDT$$FND_SEIDLIM  
BLBC   RO, 1$  
RET
```

```
: 0657  
: 0702  
: 0705  
: 0707
```

: Routine Size: 25 bytes, Routine Base: _EDT\$CODE + 0000

```
: 138      0708 1  
: 139      0709 1 !<BLF/PAGE>
```

```

: 141      0710 1 END                               ! of module EDT$CHMBEGSEN
: 142      0711 1
: 143      0712 0 ELUDOM
    
```

PSECT SUMMARY

```

: Name                Bytes                Attributes
: _EDT$CODE           25 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	0	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$:CHMBEGSEN/OBJ=OBJ$:CHMBEGSEN MSRC$:CHMBEGSEN.BLI/UPDATE=(ENH$:C
: HMBEGSEN)
    
```

```

: Size:                25 code + 0 data bytes
: Run Time:            00:09.0
: Elapsed Time:       00:11.3
: Lines/CPU Min:      4730
: Lexemes/CPU-Min:   12471
: Memory Used:        53 pages
: Compilation Complete
    
```

