



```

CCCCCCCC HH    HH MM    MM    GGGGGGGG QQQQQQ UU    UU    SSSSSSSS TTTTTTTTTT RRRRRRRR
CCCCCCCC HH    HH MM    MM    GGGGGGGG QQQQQQ UU    UU    SSSSSSSS TTTTTTTTTT RRRRRRRR
CC        HH    HH MMMM  MMMM GG        QQ    QQ    UU    UU    SS        TT        RR        RR
CC        HH    HH MMMM  MMMM GG        QQ    QQ    UU    UU    SS        TT        RR        RR
CC        HH    HH MM    MM    GG        QQ    QQ    UU    UU    SS        TT        RR        RR
CC        HH    HH MM    MM    GG        QQ    QQ    UU    UU    SS        TT        RR        RR
CC        HHHHHHHHHH MM    MM    GG        QQ    QQ    UU    UU    SSSSSS    TT        RRRRRRRR
CC        HHHHHHHHHH MM    MM    GG        QQ    QQ    UU    UU    SSSSSS    TT        RRRRRRRR
CC        HH    HH MM    MM    GG    GGGGGG QQ    QQ    UU    UU    SS        TT        RR    RR
CC        HH    HH MM    MM    GG    GGGGGG QQ    QQ    UU    UU    SS        TT        RR    RR
CC        HH    HH MM    MM    GG        GG    QQ    QQ    UU    UU    SS        TT        RR    RR
CC        HH    HH MM    MM    GG        GG    QQ    QQ    UU    UU    SS        TT        RR    RR
CCCCCCCC HH    HH MM    MM    GGGGGG    QQQQ    QQ    UUUUUUUUUU SSSSSSSS    TT        RR        RR
CCCCCCCC HH    HH MM    MM    GGGGGG    QQQQ    QQ    UUUUUUUUUU SSSSSSSS    TT        RR        RR

```

```

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$CHMGQSTR - scan a search string'
2 0002 0 MODULE EDT$CHMGQSTR ( ! Scan a search string
3 0003 0 IDENT = 'V04-000' ! File: CHMGQSTR.BLI Edit: JBS1003
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 scans over the search string when used as an 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$$$SCAN_SEASTR from module CHANGE.BLI.
46 0046 1 1-003 - Improve the appearance of the listing. JBS 13-Jun-1983
47 0047 1 --
48 0048 1

```

```

: 50      0049 1 %SBTTL 'Declarations'
: 51      0050 1
: 52      0051 1 : TABLE OF CONTENTS:
: 53      0052 1 :
: 54      0053 1
: 55      0054 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 56      0493 1
: 57      0494 1 FORWARD ROUTINE
: 58      0495 1     EDT$$SCAN_SEASTR : NOVALUE;
: 59      0496 1
: 60      0497 1 :
: 61      0498 1 : INCLUDE FILES:
: 62      0499 1 :
: 63      0500 1
: 64      0501 1 REQUIRE 'EDTSRC:EDTREQ';
: 65      0636 1
: 66      0637 1 :
: 67      0638 1 : MACROS:
: 68      0639 1 :
: 69      0640 1 :     NONE
: 70      0641 1 :
: 71      0642 1 : EQUATED SYMBOLS:
: 72      0643 1 :
: 73      0644 1 :     NONE
: 74      0645 1 :
: 75      0646 1 : OWN STORAGE:
: 76      0647 1 :
: 77      0648 1 :     NONE
: 78      0649 1 :
: 79      0650 1 : EXTERNAL REFERENCES:
: 80      0651 1 :
: 81      0652 1 :     In the routine
```

! Scan over the search string when used as an entity

```
.. 83 0653 1 %SBTTL 'EDT$$SCAN_SEASTR - scan a search string'
.. 84 0654 1
.. 85 0655 1 GLOBAL ROUTINE EDT$$SCAN_SEASTR ! Scan a search string
.. 86 0656 1 : NOVALUE =
.. 87 0657 1
.. 88 0658 1 !++
.. 89 0659 1 FUNCTIONAL DESCRIPTION:
.. 90 0660 1
.. 91 0661 1 This routine scans over the search string when used as an entity.
.. 92 0662 1 The address of the string is placed in the global variable EDT$$A_SEA_STR
.. 93 0663 1 and the length in EDT$$G_SEA_LEN .
.. 94 0664 1
.. 95 0665 1 The command pointer EDT$$A_CMD_BUF is left pointing one character beyond the
.. 96 0666 1 end of the command.
.. 97 0667 1
.. 98 0668 1 FORMAL PARAMETERS:
.. 99 0669 1
100 0670 1 NONE
101 0671 1
102 0672 1 IMPLICIT INPUTS:
103 0673 1
104 0674 1 EDT$$A_CMD_END
105 0675 1 EDT$$A_CMD_BUF
106 0676 1
107 0677 1 IMPLICIT OUTPUTS:
108 0678 1
109 0679 1 EDT$$A_CMD_BUF
110 0680 1 EDT$$A_SEA_STR
111 0681 1 EDT$$G_SEA_LEN
112 0682 1
113 0683 1 ROUTINE VALUE:
114 0684 1
115 0685 1 NONE
116 0686 1
117 0687 1 SIDE EFFECTS:
118 0688 1
119 0689 1 NONE
120 0690 1
121 0691 1 --
122 0692 1
123 0693 2 BEGIN
124 0694 2
125 0695 2 EXTERNAL
126 0696 2 EDT$$A_CMD_END, ! End of command pointer
127 0697 2 EDT$$A_CMD_BUF, ! Command string pointer
128 0698 2 EDT$$A_SEA_STR, ! Address of search string.
129 0699 2 EDT$$G_SEA_LEN; ! Length of search string.
130 0700 2
131 0701 2 LOCAL
132 0702 2 QUOTE_CHAR;
133 0703 2
134 0704 2 !+
135 0705 2 The quote character is one character back, get it so we can match.
136 0706 2 !-
137 0707 2 EDT$$A_SEA_STR = .EDT$$A_CMD_BUF;
138 0708 2 EDT$$G_SEA_LEN = 0;
139 0709 2 QUOTE_CHAR = CH$RCHAR (CH$PLUS (.EDT$$A_CMD_BUF, -1));
```

EDT\$CHMGQSTR  
V04-000

EDT\$CHMGQSTR - scan a search string  
EDT\$\$\$SCAN\_SEASTR - scan a search string

N 11  
15-Sep-1984 23:58:57  
14-Sep-1984 12:22:33

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

Page 4  
(3)

```

: 140      0710  2
: 141      0711  2
: 142      0712  2
: 143      0713  2
: 144      0714  2
: 145      0715  1

```

WHILE (CH\$PTR\_NEQ (.EDT\$\$A\_CMD\_BUF, .EDT\$\$A\_CMD\_END) AND  
(CH\$RCHAR\_A (EDT\$\$A\_CMD\_BUF) NEQ .QUOTE\_CHAR)) DO  
EDT\$\$G\_SEA\_LEN = .EDT\$\$G\_SEA\_LEN + 1;

END;

! of routine EDT\$\$\$SCAN\_SEASTR

.TITLE EDT\$CHMGQSTR EDT\$CHMGQSTR - scan a search string

.IDENT \V04-000\

.EXTRN EDT\$\$A\_CMD\_END, EDT\$\$A\_CMD\_BUF  
.EXTRN EDT\$\$A\_SEA\_STR, EDT\$\$G\_SEA\_LEN

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

```

.ENTRY EDT$$$SCAN_SEASTR, Save R2,R3,R4      : 0655
MOVAB EDT$$G_SEA_LEN, R4
MOVAB EDT$$A_CMD_BUF, R3
MOVL EDT$$A_CMD_BUF, R0                      : 0707
MOVL R0, EDT$$A_SEA_STR
CLRL EDT$$G_SEA_LEN                          : 0708
MOVZBL -1(R0), QUOTE_CHAR                    : 0709
CML EDT$$A_CMD_BUF, EDT$$A_CMD_END           : 0711
BEQL 2$
MOVL EDT$$A_CMD_BUF, R2                      : 0712
MOVZBL (R2), R0
INCL EDT$$A_CMD_BUF
CML R0, QUOTE_CHAR
BEQL 2$
INCL EDT$$G_SEA_LEN                          : 0713
BRB 1$
RET                                           : 0715

```

```

001C 00000
54 00000000G 00 9E 00002
53 00000000G 00 9E 00009
50 00000000G 00 63 D0 00010
00000000G 00 50 D0 00013
64 D4 0001A
51 FF A0 9A 0001C
00000000G 00 63 D1 00020 1$:
11 13 00027
52 63 D0 00029
50 62 9A 0002C
51 50 D1 00031
04 13 00034
64 D6 00036
E6 11 00038
04 0003A 2$:

```

: Routine Size: 59 bytes, Routine Base: \_EDT\$CODE + 0000

```

: 146      0716  1
: 147      0717  1 !<BLF/PAGE>

```

ED  
VO

EDT\$CHMGQUSTR  
V04-000

EDT\$CHMGQUSTR - scan a search string  
EDT\$\$\$SCAN\_SEASTR - scan a search string

B 12  
15-Sep-1984 23:58:57  
14-Sep-1984 12:22:33

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

Page 5  
(4)

: 149 0718 1 END  
: 150 0719 1  
: 151 0720 0 ELUDOM

! of module EDT\$CHMGQUSTR

PSECT SUMMARY

Name Bytes Attributes  
\_EDT\$CODE 59 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	1	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\$:CHMGQUSTR/OBJ=OBJ\$:CHMGQUSTR MSRC\$:CHMGQUSTR.BLI/UPDATE=(ENH\$:C  
HMGQUSTR)

: Size: 59 code + 0 data bytes  
: Run Time: 00:09.7  
: Elapsed Time: 00:13.2  
: Lines/CPU Min: 4462  
: Lexemes/CPU-Min: 12105  
: Memory Used: 58 pages  
: Compilation Complete

CHMFINENT LIS	CHMINIT LIS
CHMGOUNT 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