



```

CCCCCCCC HH    HH  MM    MM    GGGGGGGG SSSSSSSS UU    UU    SSSSSSSS TTTTTTTTTT RRRRRRRR
CCCCCCCC HH    HH  MM    MM    GGGGGGGG SSSSSSSS UU    UU    SSSSSSSS TTTTTTTTTT RRRRRRRR
CC        HH    HH  MMMM  MMMM  GG        SS        UU    UU    SS        TT        RR    RR
CC        HH    HH  MMMM  MMMM  GG        SS        UU    UU    SS        TT        RR    RR
CC        HH    HH  MM    MM    GG        SS        UU    UU    SS        TT        RR    RR
CC        HH    HH  MM    MM    GG        SS        UU    UU    SS        TT        RR    RR
CC        HHHHHHHHHH MM    MM    GG        SSSSSS  UU    UU    SSSSSS  TT        RRRRRRRR
CC        HHHHHHHHHH MM    MM    GG        SSSSSS  UU    UU    SSSSSS  TT        RRRRRRRR
CC        HH    HH  MM    MM    GG    GGGGGG  SS        UU    UU    SS        TT        RR    RR
CC        HH    HH  MM    MM    GG    GGGGGG  SS        UU    UU    SS        TT        RR    RR
CC        HH    HH  MM    MM    GG        GG        SS        UU    UU    SS        TT        RR    RR
CC        HH    HH  MM    MM    GG        GG        SS        UU    UU    SS        TT        RR    RR
CCCCCCCC HH    HH  MM    MM    GGGGGG  SSSSSSSS UUUUUUUUUU SSSSSSSS TT        RR    RR
CCCCCCCC HH    HH  MM    MM    GGGGGG  SSSSSSSS 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$CHMGSUSTR - isolate the search and replace strings'  
2 0002 0 MODULE EDT$CHMGSUSTR ( ! Isolate the search and replace strings  
3 0003 0 IDENT = 'V04-000' ! File: CHMGSUSTR.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 isolates the search and replace strings for the  
37 0037 1 SUBSTITUTE command.  
38 0038 1  
39 0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant  
40 0040 1  
41 0041 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown  
42 0042 1  
43 0043 1 MODIFIED BY:  
44 0044 1  
45 0045 1 1-001 - Original. DJS 04-Feb-1981. This module was created by  
46 0046 1 extracting the routine EDT$$FND_SUBSTR from module CHANGE.BLI.  
47 0047 1 1-002 - Regularize header. JBS 02-Mar-1981  
48 0048 1 1-003 - 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 'EDTSRC:TRAROUNAM';  
.. 58      0495 1 |  
.. 59      0496 1 FORWARD ROUTINE  
.. 60      0497 1     EDT$$FND_SUBSTR : NOVALUE;      ! Isolate the search and replace strings for the SUBSTITUTE command  
.. 61      0498 1 |  
.. 62      0499 1 |  
.. 63      0500 1 | INCLUDE FILES:  
.. 64      0501 1 |  
.. 65      0502 1 |  
.. 66      0503 1 REQUIRE 'EDTSRC: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
```

20  
20

```

: 85 0655 1 %SBTTL 'EDT$$FND_SUBSTR - isolate the search and replace strings'
: 86 0656 1
: 87 0657 1 GLOBAL ROUTINE EDT$$FND_SUBSTR ! Isolate the search and replace strings
: 88 0658 1 : NOVALUE =
: 89 0659 1
: 90 0660 1 !++
: 91 0661 1 ! FUNCTIONAL DESCRIPTION:
: 92 0662 1
: 93 0663 1 ! This routine isolates the search and replace strings for the SUBSTITUTE
: 94 0664 1 ! command.
: 95 0665 1
: 96 0666 1 ! The length and address of the search and replace strings respectively
: 97 0667 1 ! are placed in the global variables: EDT$$G_SEA_LEN ,
: 98 0668 1 ! EDT$$A_SEA_STR , EDT$$G_RPL_LEN and EDT$$A_RPC_STR .
: 99 0669 1
: 100 0670 1 ! The command line pointer EDT$$A_CMD_BUF is left pointing 1 character beyond the
: 101 0671 1 ! command.
: 102 0672 1
: 103 0673 1 ! FORMAL PARAMETERS:
: 104 0674 1
: 105 0675 1 ! NONE
: 106 0676 1
: 107 0677 1 ! IMPLICIT INPUTS:
: 108 0678 1
: 109 0679 1 ! EDT$$A_CMD_END
: 110 0680 1 ! EDT$$A_CMD_BUF
: 111 0681 1
: 112 0682 1 ! IMPLICIT OUTPUTS:
: 113 0683 1
: 114 0684 1 ! EDT$$A_CMD_BUF
: 115 0685 1 ! EDT$$A_RPL_STR
: 116 0686 1 ! EDT$$G_RPL_LEN
: 117 0687 1 ! EDT$$A_SEA_STR
: 118 0688 1 ! EDT$$G_SEA_LEN
: 119 0689 1
: 120 0690 1 ! ROUTINE VALUE:
: 121 0691 1
: 122 0692 1 ! NONE
: 123 0693 1
: 124 0694 1 ! SIDE EFFECTS:
: 125 0695 1
: 126 0696 1 ! NONE
: 127 0697 1
: 128 0698 1 ! --
: 129 0699 1
: 130 0700 2 BEGIN
: 131 0701 2
: 132 0702 2 EXTERNAL
: 133 0703 2 EDT$$A_CMD_END, ! End of command pointer
: 134 0704 2 EDT$$A_CMD_BUF, ! Command string pointer
: 135 0705 2 EDT$$A_RPL_STR, ! Address of replace string.
: 136 0706 2 EDT$$G_RPL_LEN, ! Length of replace string.
: 137 0707 2 EDT$$A_SEA_STR, ! Address of search string.
: 138 0708 2 EDT$$G_SEA_LEN, ! Length of search string.
: 139 0709 2
: 140 0710 2 LOCAL
: 141 0711 2 QUOTE,
    
```

```

: 142
: 143
: 144
: 145
: 146
: 147
: 148
: 149
: 150
: 151
: 152
: 153
: 154
: 155
: 156
: 157
: 158
: 159
: 160

```

```

0712 2      R_ADDR,
0713 2      R_LEN;
0714 2
0715 2      QUOTE = CHRCHAR_A (EDT$$A_CMD_BUF);
0716 2      EDT$$A_SEA_STR = .EDT$$A_CMD_BUF;
0717 2      EDT$$G_SEA_LEN = 0;
0718 2
0719 3      WHILE (CH$PTR_GTR (.EDT$$A_CMD_END, .EDT$$A_CMD_BUF) AND !
0720 2      (CHRCHAR_A (EDT$$A_CMD_BUF) NEQ .QUOTE)) DO
0721 2      EDT$$G_SEA_LEN = .EDT$$G_SEA_LEN + 1;
0722 2
0723 2      EDT$$A_RPL_STR = .EDT$$A_CMD_BUF;
0724 2      EDT$$G_RPL_LEN = 0;
0725 2
0726 3      WHILE (CH$PTR_GTR (.EDT$$A_CMD_END, .EDT$$A_CMD_BUF) AND !
0727 2      (CHRCHAR_A (EDT$$A_CMD_BUF) NEQ .QUOTE)) DO
0728 2      EDT$$G_RPL_LEN = .EDT$$G_RPL_LEN + 1;
0729 2
0730 1      END;

```

! of routine EDT\$\$FND\_SUBSTR

```

.TITLE EDT$CHMGSUSTR EDT$CHMGSUSTR - isolate the search and replace
.IDENT  \V04-000\
.EXTRN EDT$$A_CMD_END, EDT$$A_CMD_BUF
.EXTRN EDT$$A_RPL_STR, EDT$$G_RPL_LEN
.EXTRN EDT$$A_SEA_STR, EDT$$G_SEA_LEN
.PSECT  _EDT$CODE,NOWRT, SHR, PIC,2

```

		007C 00000		.ENTRY EDT\$\$FND SUBSTR, Save R2,R3,R4,R5,R6	: 0657
56	00000000G	00	9E 00002	MOVAB EDT\$\$G_RPL_LEN, R6	:
55	00000000G	00	9E 00009	MOVAB EDT\$\$G_SEA_LEN, R5	:
54	00000000G	00	9E 00010	MOVAB EDT\$\$A_CMD_BUF, R4	:
50		64	D0 00017	MOVL EDT\$\$A_CMD_BUF, R0	: 0715
52		60	9A 0001A	MOVZBL (R0), QUOTE	:
		64	D6 0001D	INCL EDT\$\$A_CMD_BUF	:
00000000G	00	64	D0 0001F	MOVL EDT\$\$A_CMD_BUF, EDT\$\$A_SEA_STR	: 0716
		65	D4 00026	CLRL EDT\$\$G_SEA_LEN	: 0717
50	00000000G	00	D0 00028	MOVL EDT\$\$A_CMD_END, R0	: 0719
64		50	D1 0002F 1\$:	CMPL R0, EDT\$\$A_CMD_BUF	:
		11	1B 00032	BLEQU 2\$	:
53		64	D0 00034	MOVL EDT\$\$A_CMD_BUF, R3	: 0720
51		63	9A 00037	MOVZBL (R3), R1	:
		64	D6 0003A	INCL EDT\$\$A_CMD_BUF	:
52		51	D1 0003C	CMPL R1, QUOTE	:
		04	13 0003F	BEQL 2\$	:
		65	D6 00041	INCL EDT\$\$G_SEA_LEN	: 0721
		EA	11 00043	BRB 1\$	:
00000000G	00	64	D0 00045 2\$:	MOVL EDT\$\$A_CMD_BUF, EDT\$\$A_RPL_STR	: 0723
		66	D4 0004C	CLRL EDT\$\$G_RPL_LEN	: 0724
64		50	D1 0004E 3\$:	CMPL R0, EDT\$\$A_CMD_BUF	: 0726
		11	1B 00051	BLEQU 4\$	:
53		64	D0 00053	MOVL EDT\$\$A_CMD_BUF, R3	: 0727
51		63	9A 00056	MOVZBL (R3), R1	:
		64	D6 00059	INCL EDT\$\$A_CMD_BUF	:



: 164 0733 1 END . of module EDT\$CHMGSUSTR  
 : 165 0734 1  
 : 166 0735 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	101	NOVEC,NOVRT, 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\$:CHMGSUSTR/OBJ=OBJ\$:CHMGSUSTR MSRC\$:CHMGSUSTR.BLI/UPDATE=(ENH\$:CHMGSUSTR)

: Size: 101 code + 0 data bytes  
 : Run Time: 00:10.7  
 : Elapsed Time: 00:12.8  
 : Lines/CPU Min: 4117  
 : Lexemes/CPU-Min: 11210  
 : Memory Used: 66 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