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CCCCCCCC HH   HH   MM   MM   GGGGGGG DDDDDDD I I I I I RRRRRRR
CC        HH   HH   MMMM MMMM GG        DD        DD   II   RR   RR
CC        HH   HH   MMMM MMMM GG        DD        DD   II   RR   RR
CC        HH   HH   MM   MM   GG        DD        DD   II   RR   RR
CC        HH   HH   MM   MM   GG        DD        DD   II   RR   RR
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CC        HH   HH   MM   MM   GG        GG   DD        DD   II   RR   RR
CC        HH   HH   MM   MM   GG        GG   DD        DD   II   RR   RR
CCCCCCCC HH   HH   MM   MM   GGGGGG DDDDDDD I I I I I RRRRRRR
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LL        I I I I I SSSSSSS
LL        I I I I I SSSSSSS
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LL        II       SS
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LL        II       SSSSSS
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```

0001 0 %TITLE 'EDT$CHMGDIR - look for a direction indicator'
0002 0 MODULE EDT$CHMGDIR ( ! Look for a direction indicator
0003 0 IDENT = 'V04-000' ! File: CHMGDIR.BLI Edit: JBS1006
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module looks for an explicit direction indicator.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
0045 1 extracting the routine EDT$CHK_DIR from module CHANGE.BLI.
0046 1 1-002 - Regularize headers. JBS 02-Mar-1981
0047 1 1-003 - Correct the file name. JBS 11-Mar-1981
0048 1 1-004 - Add a return value to flag direction setting. SMB 22-Oct-1981
0049 1 1-005 - Remove leading blank line--it confused EDIT11, thus not converting
0050 1 the module name to PDP-11 format. JBS 27-Oct-1981
0051 1 1-006 - Improve the appearance of the listing. JBS 13-Jun-1983
0052 1 --
0053 1

```

```
: 55      0054 1 %SBTTL 'Declarations'  
: 56      0055 1  
: 57      0056 1 | TABLE OF CONTENTS:  
: 58      0057 1 |  
: 59      0058 1 |  
: 60      0059 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
: 61      0498 1  
: 62      0499 1 FORWARD ROUTINE  
: 63      0500 1     EDT$CHK_DIR;           ! Determine the current direction  
: 64      0501 1  
: 65      0502 1 |  
: 66      0503 1 | INCLUDE FILES:  
: 67      0504 1 |  
: 68      0505 1 |  
: 69      0506 1 REQUIRE 'EDT$SRC:EDTREQ';  
: 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$$CHK_DIR - look for a direction indicator'
: 89 0659 1
: 90 0660 1 GLOBAL ROUTINE EDT$$CHK_DIR ! Look for a direction indicator
: 91 0661 1 =
: 92 0662 1
: 93 0663 1 !++
: 94 0664 1 FUNCTIONAL DESCRIPTION:
: 95 0665 1
: 96 0666 1 This little routine looks for an explicit direction indicator (+ or -) and sets
: 97 0667 1 EDT$$G_DIR accordingly. If no direction is seen, EDT$$G_DIR
: 98 0668 1 is left unchanged.
: 99 0669 1
: 100 0670 1 FORMAL PARAMETERS:
: 101 0671 1
: 102 0672 1 NONE
: 103 0673 1
: 104 0674 1 IMPLICIT INPUTS:
: 105 0675 1
: 106 0676 1 EDT$$A_CMD_BUF
: 107 0677 1
: 108 0678 1 IMPLICIT OUTPUTS:
: 109 0679 1
: 110 0680 1 EDT$$G_DIR
: 111 0681 1
: 112 0682 1 ROUTINE VALUE:
: 113 0683 1
: 114 0684 1 0 - direction forward or explicitly set backward (with '-')
: 115 0685 1 1 - direction backward but not set explicitly
: 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$$G_DIR, ! The current direction.
: 127 0697 2 EDT$$A_CMD_BUF; ! Command string pointer
: 128 0698 2
: 129 0699 3 IF (CH$RCHAR (.EDT$$A_CMD_BUF) EQL %C'-')
: 130 0700 2 THEN
: 131 0701 2 EDT$$G_DIR = DIR_BACKWARD
: 132 0702 2 ELSE
: 133 0703 3
: 134 0704 3 IF (CH$RCHAR (.EDT$$A_CMD_BUF) EQL %C'+')
: 135 0705 2 THEN
: 136 0706 2 EDT$$G_DIR = DIR_FORWARD
: 137 0707 2 ELSE
: 138 0708 2 !+
: 139 0709 2 Special handling for cases where we want a count which is not preceded by a
: 140 0710 2 '+' or '-' to be flagged as '+' rather than being left unchanged.
: 141 0711 2 !-
: 142 0712 2
: 143 0713 2 IF (.EDT$$G_DIR EQL DIR_BACKWARD) THEN RETURN (1) ELSE RETURN (0);
: 144 0714 2
```

EDT\$CHMGDIR
V04-000

EDT\$CHMGDIR - look for a direction indicator
EDT\$\$CHK_DIR - look for a direction indicator

N 10
15-Sep-1984 23:58:04
14-Sep-1984 12:22:32

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]CHMGDIR.BLI;1 Page 4
(3)

: 145 0715 2 EDT\$\$A_CMD_BUF = CH\$PLUS (.EDT\$\$A_CMD_BUF, 1);
: 146 0716 2 RETURN(0);
: 147 0717 1 END;

! of routine EDT\$\$CHK_DIR

.TITLE EDT\$CHMGDIR EDT\$CHMGDIR - look for a direction
indicator
.IDENT \V04-000\
.EXTRN EDT\$\$G_DIR, EDT\$\$A_CMD_BUF
.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

53	00000000G	00	000C	00000	00002	0660
52	00000000G	00	9E	00009	00002	
50		63	D0	00010		
2D		60	91	00013		
		04	12	00016		
		62	D4	00018		
		12	11	0001A		
2B		60	91	0001C	1\$:	
		05	12	0001F		
62		01	D0	00021		
		08	11	00024		
		62	D5	00026	2\$:	
		06	12	00028		
50		01	D0	0002A		
			04	0002D		
		63	D6	0002E	3\$:	
		50	D4	00030	4\$:	
			04	00032		

.ENTRY EDT\$\$CHK_DIR, Save R2,R3
MOVAB EDT\$\$A_CMD_BUF, R3
MOVAB EDT\$\$G_DIR, R2
MOVL EDT\$\$A_CMD_BUF, R0
CMPB (R0), #45
BNEQ 1\$
CLRL EDT\$\$G_DIR
BRB 3\$
CMPB (R0), #43
BNEQ 2\$
MOVL #1, EDT\$\$G_DIR
BRB 3\$
TSTL EDT\$\$G_DIR
BNEQ 4\$
MOVL #1, R0
RET
INCL EDT\$\$A_CMD_BUF
CLRL R0
RET

: Routine Size: 51 bytes, Routine Base: _EDT\$CODE + 0000

: 148 0718 1
: 149 0719 1 !<BLF/PAGE>

EDT\$CHMGDIR
V04-000

EDT\$CHMGDIR - look for a direction indicator
EDT\$\$CHK_DIR - look for a direction indicator

B 11
15-Sep-1984 23:58:04
14-Sep-1984 12:22:32

VAX-11 Bliss-32 V4.0-742
DISK\$VMMASTER:[EDT.SRC]CHMGDIR.BLI;1 Page 5 (4)

: 151 0720 1 END
: 152 0721 1
: 153 0722 0 ELUDOM

! of module EDT\$CHMGDIR

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	51	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

COMMAND QUALIFIERS

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

: Size: 51 code + 0 data bytes
: Run Time: 00:09.7
: Elapsed Time: 00:11.9
: Lines/CPU Min: 4465
: Lexemes/CPU-Min: 12092
: Memory Used: 57 pages
: Compilation Complete

