


```

CCCCCCCC HH   HH   MM   MM   GGGGGGG DDDDDDD I I I I I RRRRRRR
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
CC        HHHHHHHHHH MM   MM   GG         DD      DD   II      RRRRRRR
CC        HHHHHHHHHH MM   MM   GG         DD      DD   II      RRRRRRR
CC        HH   HH   MM   MM   GG   GGGGG DD      DD   II      RR   RR
CC        HH   HH   MM   MM   GG   GGGGG DD      DD   II      RR   RR
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 RR      RR
CCCCCCCC HH   HH   MM   MM   GGGGGG DDDDDDD I I I I I RR      RR

```

```

LL        I I I I I SSSSSSS
LL        I I I I I SSSSSSS
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 I I I I I SSSSSSS
LLLLLLLLLL I I I I I SSSSSSS

```

```

1 0001 0 %TITLE 'EDT$CHMGDIR - look for a direction indicator'
2 0002 0 MODULE EDT$CHMGDIR ( ! Look for a direction indicator
3 0003 0 IDENT = 'V04-000' ! File: CHMGDIR.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 *
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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: EDI -- The DEC Standard Editor
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 This module looks for an explicit direction indicator.
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$SCHK DIR from module CHANGE.BLI.
46 0046 1 1-002 - Regularize headers. JBS 02-Mar-1981
47 0047 1 1-003 - Correct the file name. JBS 11-Mar-1981
48 0048 1 1-004 - Add a return value to flag direction setting. SMB 22-Oct-1981
49 0049 1 1-005 - Remove leading blank line--it confused EDIT11, thus not converting
50 0050 1 the module name to PDP-11 format. JBS 27-Oct-1981
51 0051 1 1-006 - Improve the appearance of the listing. JBS 13-Jun-1983
52 0052 1 --
53 0053 1

```

EDT\$CHMGDIR
V04-000

EDT\$CHMGDIR - look for a direction indicator
Declarations

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

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DISK\$VMSMASTER:[EDT.SRC]CHMGDIR.BLI;1 (2)

```
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;  
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
```

! Determine the current direction

```
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 IF (CH$RCHAR (.EDT$$A_CMD_BUF) EQL %C'+')
134 0704 2 THEN
135 0705 2 EDT$$G_DIR = DIR_FORWARD
136 0706 2 ELSE
137 0707 2
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	9E	00002	MOVAB	EDT\$\$A_CMD_BUF, R3	:	0660
52	00000000G	00	9E	00009	MOVAB	EDT\$\$G_DIR, R2	:	
50		63	D0	00010	MOVL	EDT\$\$A_CMD_BUF, R0	:	0699
2D		60	91	00013	CMPB	(R0), #45	:	
		04	12	00016	BNEQ	1\$:	
		62	D4	00018	CLRL	EDT\$\$G_DIR	:	0701
		12	11	0001A	BRB	3\$:	
2B		60	91	0001C	CMPB	(R0), #43	:	0704
		05	12	0001F	BNEQ	2\$:	
62		01	D0	00021	MOVL	#1, EDT\$\$G_DIR	:	0706
		08	11	00024	BRB	3\$:	
		62	D5	00026	TSTL	EDT\$\$G_DIR	:	0713
		06	12	00028	BNEQ	4\$:	
50		01	D0	0002A	MOVL	#1, R0	:	
			04	0002D	RET		:	
		63	D6	0002E	INCL	EDT\$\$A_CMD_BUF	:	0715
		50	D4	00030	CLRL	R0	:	0717
			04	00032	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)

ED
VO

: 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

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