



```

SSSSSSSS  EEEEEEEEE  TTTTTTTTT  SSSSSSSS  HH    HH    000000  AAAAAA  CCCCCCCC  LL
SSSSSSSS  EEEEEEEEE  TTTTTTTTT  SSSSSSSS  HH    HH    000000  AAAAAA  CCCCCCCC  LL
SS          EE          TT          SS          HH    HH    00    00  AA    AA  CC          LL
SS          EE          TT          SS          HH    HH    00    00  AA    AA  CC          LL
SS          EE          TT          SS          HH    HH    00    00  AA    AA  CC          LL
SS          EE          TT          SS          HH    HH    00    00  AA    AA  CC          LL
SSSSSS    EEEEEEEE  TT          SS          HH    HH    00    00  AA    AA  CC          LL
SSSSSS    EEEEEEEE  TT          SS          HHHHHHHHHH  00    00  AA    AA  CC          LL
SS          EE          TT          SS          HHHHHHHHHH  00    00  AA    AA  CC          LL
SS          EE          TT          SS          HH    HH    00    00  AAAAAAAAAA  CC          LL
SS          EE          TT          SS          HH    HH    00    00  AAAAAAAAAA  CC          LL
SS          EE          TT          SS          HH    HH    00    00  AA    AA  CC          LL
SSSSSSSS  EEEEEEEEE  TT          SS          HH    HH    00    00  AA    AA  CC          LL
SSSSSSSS  EEEEEEEEE  TT          SSSSSSSS  HH    HH    000000  AA    AA  CCCCCCCC  LLLLLLLLLL  ....
SSSSSSSS  EEEEEEEEE  TT          SSSSSSSS  HH    HH    000000  AA    AA  CCCCCCCC  LLLLLLLLLL  ....

```

```

LL          IIIIIII  SSSSSSSS
LL          IIIIIII  SSSSSSSS
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 IIIIIII  SSSSSSSS
LLLLLLLLLL IIIIIII  SSSSSSSS

```

S  
V  
.....  
6  
6  
0



```

1 0001 0 MODULE SETSHOACL (
2 0002 0 LANGUAGE (BLISS32),
3 0003 0 IDENT = 'V04-000',
4 0004 0 ADDRESSING_MODE (EXTERNAL = GENERAL),
5 0005 0 MAIN = UTL_DISPATCH
6 0006 0 ) =
7 0007 1 BEGIN
8 0008 1
9 0009 1 !*****
10 0010 1 !
11 0011 1 ! * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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28 0028 1 ! *
29 0029 1 ! *
30 0030 1 !*****
31 0031 1
32 0032 1 ++
33 0033 1
34 0034 1 FACILITY: SET and SHOW utilities
35 0035 1
36 0036 1 ABSTRACT:
37 0037 1
38 0038 1 This module contains all the routines necessary to support the
39 0039 1 DCL commands SET ACL and SHOW ACL.
40 0040 1
41 0041 1 ENVIRONMENT:
42 0042 1
43 0043 1 VAX/VMS operating system, user mode utilities.
44 0044 1
45 0045 1 --
46 0046 1
47 0047 1
48 0048 1 AUTHOR: L. Mark Pilant CREATION DATE: 19-Mar-1984
49 0049 1
50 0050 1 MODIFIED BY:
51 0051 1
52 0052 1 **
53 0053 1
54 0054 1 LIBRARY 'SYS$LIBRARY:LIB';
55 0055 1
56 0056 1 FORWARD ROUTINE
57 0057 1 UTL_DISPATCH; ! Dispatch on command verb

```

```

: 59      0058 1 ROUTINE UTL_DISPATCH =
: 60      0059 1
: 61      0060 1 !++
: 62      0061 1 |
: 63      0062 1 | FUNCTIONAL DESCRIPTION:
: 64      0063 1 |
: 65      0064 1 |         This routine obtains the DCL command verb used to invoke this image.
: 66      0065 1 |         It then calls the necessary routine to perform the desired action.
: 67      0066 1 |
: 68      0067 1 | !--
: 69      0068 1 |
: 70      0069 2 BEGIN
: 71      0070 2
: 72      0071 2 LOCAL
: 73      0072 2     CMD_VERB          : $BBLOCK [DSC$C_S_BLN];          ! Descr for command verb
: 74      0073 2
: 75      0074 2 EXTERNAL ROUTINE
: 76      0075 2     CL$GET_VALUE,
: 77      0076 2     SET_ACL,          ! Modify an object's ACL
: 78      0077 2     SHOW_ACL;       ! Display an object's ACL
: 79      0078 2
: 80      0079 2 ! Initialize local storage.
: 81      0080 2
: 82      0081 2 CH$FILL (0, DSC$C_S_BLN, CMD_VERB);
: 83      0082 2 CMD_VERB[DSC$B_CLASS] = DSC$R_CLASS_D;
: 84      0083 2
: 85      0084 2 ! Determine the DCL verb used to activate this image.
: 86      0085 2
: 87      0086 2 CL$GET_VALUE ($DESCRIPTOR ('$VERB'), CMD_VERB);
: 88      0087 2 IF CH$EQL (.CMD_VERB[DSC$W_LENGTH], .CMD_VERB[DSC$A_POINTER],
: 89      0088 2     MINU (.CMD_VERB[DSC$W_LENGTH], %CHARCOUNT ('SET')), UPLIT ('SET'),
: 90      0089 2     0)
: 91      0090 2 THEN RETURN SET_ACL ();
: 92      0091 2 ELSE RETURN SHOW_ACL ();
: 93      0092 2
: 94      0093 1 END;

```

! End of routine UTL\_DISPATCH

```

.TITLE SETSHOACL
.IDENT  \V04-000\
.PSECT  $PLITS,NOWRT,NOEXE,2

```

```

42 52 45 56 24 00000 P.AAB: .ASCII  \ $VERB\
                                00005 .BLKB  3
                                00000005 00008 P.AAA: .LONG  5
                                00000000 0000C .ADDRESS P.AAB
00 54 45 53 00010 P.AAC: .ASCII  \SET\<0>

```

```

.EXTRN  CL$GET_VALUE, SET_ACL
.EXTRN  SHOW_ACL

```

```

.PSECT  $CODE$,NOWRT,2

```

```

                                003C 00000 UTL_DISPATCH:
5E                                .WORD  Save R2,R3,R4,R5
                                .SUBL2  #8, SP

```

: 0058  
:



```

08      00      6E      00 2C 00005      MOVCS  #0, (SP), #0, #8, CMD_VERB      : 0081
        03      AE      6E      0000A
        00000000G 00      02 90 0000B      MOVB  #2, CMD_VERB+3      : 0082
        00000000G 00      5E DD 0000F      PUSHL SP      : 0086
        00000000G 00      CF 9F 00011      PUSHAB P,AAA
        00000000G 00      02 FB 00015      CALLS #2, CLISGET VALUE
        00000000G 00      6E 3C 0001C      MOVZWL CMD_VERB, R0      : 0088
        00000000G 00      50 B1 0001F      CMPW  R0, #3
        00000000G 00      03 1B 00022      BLEQU 1$
        00000000G 00      03 D0 00024      MOVL  #3, R0
        50      00      04  BE      6E 2D 00027 1$:      CMPCS  CMD_VERB, @CMD_VERB+4, #0, R0, P.AAC      : 0087
        00000000G 00      CF      0002D
        00000000G 00      08 12 00030      BNEQ  2$
        00000000G 00      00 FB 00032      CALLS #0, SET_ACL      : 0090
        00000000G 00      04 00039      RET
        00000000G 00      00 FB 0003A 2$:      CALLS #0, SHOW_ACL
        00000000G 00      04 00041      RET      : 0093
    
```

: Routine Size: 66 bytes, Routine Base: \$CODE\$ + 0000

```

: 95      0094 1
: 96      0095 1 END
: 97      0096 0 ELUDOM
    
```

PSECT SUMMARY

Name	Bytes	Attributes
\$PLITS	20	NOVEC,NOWRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
\$CODE\$	66	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	7	0	1000	00:01.8

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS\$:SETSHOACL/OBJ=OBJ\$:SETSHOACL MSRC\$:SETSHOACL/UPDATE=(ENH\$:SETSHOACL)

SETSHOACL  
V04-000

6 3  
16-Sep-1984 00:02:00

VAX-11 Bliss-32 V4.0-742

Page 4

: Size: 66 code + 20 data bytes  
: Run Time: 00:03.6  
: Elapsed Time: 00:15.0  
: Lines/CPU Min: 1600  
: Lexemes/CPU-Min: 5316  
: Memory Used: 52 pages  
: Compilation Complete



