


```

MM      MM      000000      UU      UU      NN      NN      TTTTTTTTTT
MM      MM      000000      UU      UU      NN      NN      TTTTTTTTTT
MMMM    MMMM    00        00      UU      UU      NN      NN      TT
MMMM    MMMM    00        00      UU      UU      NN      NN      TT
MM  MM  MM  00        00      UU      UU      NNNN     NN      TT
MM  MM  MM  00        00      UU      UU      NNNN     NN      TT
MM      MM  00        00      UU      UU      NN      NN      TT
MM      MM  00        00      UU      UU      NN      NN      TT
MM      MM  00        00      UU      UU      NN      NN      TT
MM      MM  00        00      UU      UU      NN      NN      TT
MM      MM  00        00      UU      UU      NN      NN      TT
MM      MM  00        00      UU      UU      NN      NN      TT
MM      MM  00        00      UU      UU      NN      NN      TT
MM      MM      000000      UUUUUUUUUU    NN      NN      TT
MM      MM      000000      UUUUUUUUUU    NN      NN      TT

```

....
....
....
....

```

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
LLLLLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLLLLL IIIIII SSSSSSSS

```

```

0001 0 MODULE MOUNT (
0002 0
0003 0     LANGUAGE (BLISS32),
0004 0     IDENT = 'V04-000'
0005 0 ) =
0006 1 BEGIN
0007 1 |
0008 1 |*****
0009 1 |*
0010 1 |*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0026 1 |*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0027 1 |*
0028 1 |*
0029 1 |*****
0030 1 |
0031 1 |++
0032 1 |
0033 1 |FACILITY:  F11ACP Structure Level 2
0034 1 |
0035 1 |ABSTRACT:
0036 1 |
0037 1 |    This routine performs the MOUNT function.
0038 1 |
0039 1 |ENVIRONMENT:
0040 1 |
0041 1 |    STARLET operating system, including privileged system services
0042 1 |    and internal exec routines.
0043 1 |
0044 1 |--
0045 1 |
0046 1 |
0047 1 |AUTHOR:  Andrew C. Goldstein,  CREATION DATE:  10-May-1978  14:12
0048 1 |
0049 1 |MODIFIED BY:
0050 1 |
0051 1 |    V03-003  CDS0003      Christian D. Saether      8-Feb-1984
0052 1 |    Don't scan AQB list - AQB is pointed to from VCB.
0053 1 |    Move the line of code from SET_MOUNTED into MOUNT routine.
0054 1 |    Bump the RMS directory cache sequence number.
0055 1 |
0056 1 |    V03-002  CDS0002      Christian D. Saether      30-Dec-1983
0057 1 |    Use L_NORM linkage and BIND_COMMON macro.

```

MOUNT
V04-000

N 12
16-Sep-1984 00:47:33
14-Sep-1984 12:30:38

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[F11X.SRC]MOUNT.B32;1 Page (1) 2

```
.. 58 0058 1 |
... 59 0059 1 |
... 60 0060 1 |
... 61 0061 1 |
... 62 0062 1 |
... 63 0063 1 |
... 64 0064 1 |
... 65 0065 1 |
... 66 0066 1 |
... 67 0067 1 |
... 68 0068 1 |
... 69 1059 1 |
```

V03-001 CDS00001 C Saether 31-Jul-1982
Scan AQB List for XQP AQB.

B0100 ACG00001 Andrew C. Goldstein, 10-Oct-1978 20:00
Previous revision history moved to [F11B.SRC]F11B.REV

..**

LIBRARY 'SYSS\$LIBRARY:LIB.L32';
REQUIRE 'SRCS:FCPDEF.B32';

NXT
V04

```
1060 1 GLOBAL ROUTINE MOUNT : L_NORM =
1061 1
1062 1 ++
1063 1
1064 1 FUNCTIONAL DESCRIPTION:
1065 1
1066 1 This routine performs the MOUNT function. It checks that the ACP
1067 1 is of the correct type and then turns on the mounted bits in the UCB.
1068 1
1069 1
1070 1 CALLING SEQUENCE:
1071 1 MOUNT ( )
1072 1
1073 1 INPUT PARAMETERS:
1074 1 NONE
1075 1
1076 1 IMPLICIT INPUTS:
1077 1 NONE
1078 1
1079 1 OUTPUT PARAMETERS:
1080 1 NONE
1081 1
1082 1 IMPLICIT OUTPUTS:
1083 1 NONE
1084 1
1085 1 ROUTINE VALUE:
1086 1 NONE
1087 1
1088 1 SIDE EFFECTS:
1089 1 volume enabled for I/O
1090 1
1091 1 --
1092 1
1093 2 BEGIN
1094 2
1095 2 BIND_COMMON;
1096 2
1097 2 LOCAL
1098 2 AQB : REF BBLOCK;
1099 2
1100 2 AQB = .CURRENT_VCB [VCB$L_AQB];
1101 2
1102 2 IF .AQB EQL 0
1103 2 THEN ERR_EXIT (SS$_NOAQB);
1104 2
1105 2 ! Check the ACP type code in the AQB, having been set by the MOUNT command
1106 2 ! to indicate the nature of the device.
1107 2
1108 2
1109 2 IF .AQB [AQB$B_ACPTYPE] NEQ AQB$K_F11V2
1110 2 OR NOT .AQB [AQB$V_XQIOPROC]
1111 2 THEN ERR_EXIT (SS$_WRONGACP);
1112 2
1113 2 ! Set the bits in the UCB.
1114 2
1115 2
1116 2 CURRENT_UCB[UCB$L_DEVCHAR] = .CURRENT_UCB[UCB$L_DEVCHAR] OR
```

```

: 128      1117      2      (DEVSM_MNT OR DEVSM_DIR);
: 129      1118
: 130      1119      2      ! Bump RMS directory sequence number to avoid races with device
: 131      1120      2      ! being mounted and RMS testing and storing an unarmed sequence number.
: 132      1121      2      !
: 133      1122      2      !
: 134      1123      2      CURRENT_UCB [UCB$W_DIRSEQ] = .CURRENT_UCB [UCB$W_DIRSEQ] + 1;
: 135      1124      2      !
: 136      1125      2      RETURN 1;
: 137      1126      2      !
: 138      1127      1      END;

```

! end of routine MOUNT

.TITLE MOUNT
.IDENT \V04-000\

.PSECT \$CODE\$,NOWRT,2

				0000	00000				.ENTRY	MOUNT, Save nothing		1060
	50	98	AA	D0	00002				MOVL	-104(BASE), R0		1100
	51	10	A0	D0	00006				MOVL	16(R0), AQB		
			05	12	0000A				BNEQ	1\$		1102
		0314	8F	BF	0000C				CHMU	#788		1103
				04	00010				RET			
	02	15	A1	91	00011	1\$:			CMPB	21(AQB), #2		1109
			05	12	00015				BNEQ	2\$		
	05	14	A1	E0	00017				BBS	#4, 20(AQB), 3\$		1110
			031C	8F	0001C	2\$:			CHMU	#796		1111
				04	00020				RET			
	50	94	AA	D0	00021	3\$:			MOVL	-108(BASE), R0		1116
	38	00080008	8F	C8	00025				BISL2	#524296, 56(R0)		1117
	50	94	AA	D0	0002D				MOVL	-108(BASE), R0		1123
		00AC	C0	B6	00031				INCW	172(R0)		
	50		01	D0	00035				MOVL	#1, R0		1125
			04	00038					RET			1127

; Routine Size: 57 bytes, Routine Base: \$CODE\$ + 0000

```

: 139      1128      1
: 140      1129      1 END
: 141      1130      0 ELUDOM

```

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	57	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	27	0	1000	00:02.0

COMMAND QUALIFIERS

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

: Size: 57 code + 0 data bytes
: Run Time: 00:15.1
: Elapsed Time: 00:33.3
: Lines/CPU Min: 4504
: Lexemes/CPU-Min: 55427
: Memory Used: 183 pages
: Compilation Complete

0171 AH-BT13A-SE
VAX/VMS V4.0

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