



```

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      00      00  UU      UU  NNNN     NN  TT
MM      MM      00      00  UU      UU  NNNN     NN  TT
MM      MM      00      00  UU      UU  NN      NN  NN      NN  TT
MM      MM      00      00  UU      UU  NN      NN  NN      NN  TT
MM      MM      00      00  UU      UU  NN      NN  NN      NN  TT
MM      MM      00      00  UU      UU  NN      NN  NN      NN  TT
MM      MM      00      00  UU      UU  NN      NN  NN      NN  TT
MM      MM      00      00  UU      UU  NN      NN  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
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS

```

```

1 0001 0 MODULE MOUNT (
2 0002 0
3 0003 0     LANGUAGE (BLISS32),
4 0004 0     IDENT = 'V04-000'
5 0005 1 BEGIN
6 0006 1
7 0007 1
8 0008 1 *****
9 0009 1 *
10 0010 1 *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 **
32 0032 1
33 0033 1 FACILITY: F11ACP Structure Level 2
34 0034 1
35 0035 1 ABSTRACT:
36 0036 1
37 0037 1     This routine performs the MOUNT function.
38 0038 1
39 0039 1 ENVIRONMENT:
40 0040 1
41 0041 1     STARLET operating system, including privileged system services
42 0042 1     and internal exec routines.
43 0043 1
44 0044 1 --
45 0045 1
46 0046 1
47 0047 1 AUTHOR: Andrew C. Goldstein, CREATION DATE: 10-May-1978 14:12
48 0048 1
49 0049 1 MODIFIED BY:
50 0050 1
51 0051 1     V03-003 CDS0003 Christian D. Saether 8-Feb-1984
52 0052 1     Don't scan AQB list - AQB is pointed to from VCB.
53 0053 1     Move the line of code from SET_MOUNTED into MOUNT routine.
54 0054 1     Bump the RMS directory cache sequence number.
55 0055 1
56 0056 1     V03-002 CDS0002 Christian D. Saether 30-Dec-1983
57 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 2 (1)

NXT  
V04

```
.. 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 'SRC\$:FCPDEF.B32';

```
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 2
: 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 [UCBSW_DIRSEQ] = .CURRENT_UCB [UCBSW_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	
	50	98	AA	D0 00002	MOVL -104(BASE), R0	: 1060
	51	10	A0	D0 00006	MOVL 16(R0), AQB	: 1100
			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	04 E0 00017	BBS #4, 20(AQB), 3\$	: 1110
			031C	8F BF 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	MOVI #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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