


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

MPI
VA

Ma
-S
-S
TO
13
Th
MA

```

1 0001 0 MODULE MOUNT (
2 0002 0 LANGUAGE (BLISS32),
3 0003 0 IDENT = 'V04-000',
4 0004 0 ) =
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 |*
11 0011 1 |* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. |*
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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 1 |
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 | A0100 ACG0001 Andrew C. Goldstein, 10-Oct-1978 20:01 |
52 0052 1 | Previous revision history moved to F11A.REV |
53 0053 1 |
54 0054 1 |**|
55 0055 1 |
56 0056 1 |
57 0057 1 LIBRARY 'SYS$LIBRARY:LIB.L32';

```

MOUNT
V04-000

8 5
16-Sep-1984 01:11:59
14-Sep-1984 12:29:45

VAX-11 BLISS-32 V4.0-742
DISK\$VMSMASTER:[F11A.SRC]MOUNT.B32;1 Page 2 (1)

```
: 58      0058 1 REQUIRE 'SRCS:FCPDEF.B32';  
: 59      0373 1  
: 60      0374 1  
: 61      0375 1 FORWARD ROUTINE  
: 62      0376 1 MOUNT  
: 63      0377 1 SET_MOUNTED;
```

```
! main MOUNT routine  
! set mounted bit in UCB
```

NX

.....

```

: 65      0378 1 GLOBAL ROUTINE MOUNT =
: 66      0379 1
: 67      0380 1 !++
: 68      0381 1
: 69      0382 1 FUNCTIONAL DESCRIPTION:
: 70      0383 1
: 71      0384 1 This routine performs the MOUNT function. It checks that the ACP
: 72      0385 1 is of the correct type and then turns on the mounted bits in the UCB.
: 73      0386 1
: 74      0387 1
: 75      0388 1 CALLING SEQUENCE:
: 76      0389 1 MOUNT ( )
: 77      0390 1
: 78      0391 1 INPUT PARAMETERS:
: 79      0392 1 NONE
: 80      0393 1
: 81      0394 1 IMPLICIT INPUTS:
: 82      0395 1 NONE
: 83      0396 1
: 84      0397 1 OUTPUT PARAMETERS:
: 85      0398 1 NONE
: 86      0399 1
: 87      0400 1 IMPLICIT OUTPUTS:
: 88      0401 1 NONE
: 89      0402 1
: 90      0403 1 ROUTINE VALUE:
: 91      0404 1 NONE
: 92      0405 1
: 93      0406 1 SIDE EFFECTS:
: 94      0407 1 volume enabled for I/O
: 95      0408 1
: 96      0409 1 !--
: 97      0410 1
: 98      0411 2 BEGIN
: 99      0412 2
: 100     0413 2 EXTERNAL
: 101     0414 2 QUEUE_HEAD : REF BBLOCK; ! ACP queue header
: 102     0415 2
: 103     0416 2
: 104     0417 2 ! Check the ACP type code in the AQB, having been set by the MOUNT command
: 105     0418 2 ! to indicate the nature of the device.
: 106     0419 2 !
: 107     0420 2
: 108     0421 2 IF .QUEUE_HEAD[AQB$B ACPTYPE] NEQ AQB$K_F11V1
: 109     0422 2 THEN ERR_EXIT (SS$_WRONGACP);
: 110     0423 2
: 111     0424 2 KERNEL_CALL (SET_MOUNTED);
: 112     0425 2
: 113     0426 2 RETURN 1;
: 114     0427 2
: 115     0428 1 END; ! end of routine MOUNT
```

```
.TITLE MOUNT
.IDENT \V04-000\
.EXTRN QUEUE_HEAD, SYSS$CMKRNL
```

```

.PSECT $CODE$,NOWRT,2
.ENTRY MOUNT, Save nothing
MOVL  QUEUE,HEAD, R0      : 0378
CMPB  21(R0), #1         : 0421
BEQL  1$                  :
CHMU  #796                : 0422
RET
CLRL  -(SP)               : 0424
PUSHL SP
PUSHAB SET_MOUNTED
CALLS #3, @#SYSS$CMKRNL
MOVL  #1, R0              : 0426
RET                        : 0428

```

50	0000G	CF	D0	00002	
01	15	A0	91	00007	
		05	13	0000B	
	031C	8F	BF	0000D	
			04	00011	
		7E	D4	00012	1\$:
		5E	DD	00014	
	0000V	CF	9F	00016	
00000000G	9F	03	FB	0001A	
	50	01	D0	00021	
			04	00024	

; Routine Size: 37 bytes, Routine Base: \$CODE\$ + 0000

```

: 117      0429 1 ROUTINE SET_MOUNTED =
: 118      0430 1
: 119      0431 1 !++
: 120      0432 1
: 121      0433 1 FUNCTIONAL DESCRIPTION:
: 122      0434 1
: 123      0435 1
: 124      0436 1 This routine sets the mounted bit in the UCB.
: 125      0437 1
: 126      0438 1
: 127      0439 1 CALLING SEQUENCE:
: 128      0440 1
: 129      0441 1 INPUT PARAMETERS:
: 130      0442 1 NONE
: 131      0443 1
: 132      0444 1 IMPLICIT INPUTS:
: 133      0445 1 CURRENT_UCB: address of device UCB
: 134      0446 1
: 135      0447 1 OUTPUT PARAMETERS:
: 136      0448 1 NONE
: 137      0449 1
: 138      0450 1 IMPLICIT OUTPUTS:
: 139      0451 1 NONE
: 140      0452 1
: 141      0453 1 ROUTINE VALUE:
: 142      0454 1 1
: 143      0455 1
: 144      0456 1 SIDE EFFECTS:
: 145      0457 1 mounted bit set
: 146      0458 1
: 147      0459 1 !--
: 148      0460 1
: 149      0461 2 BEGIN
: 150      0462 2
: 151      0463 2 EXTERNAL
: 152      0464 2 CURRENT_UCB : REF BBLOCK; ! UCB of device
: 153      0465 2
: 154      0466 2
: 155      0467 2 ! Set the bits in the UCB.
: 156      0468 2 !
: 157      0469 2
: 158      0470 2 CURRENT_UCB[UCB$L_DEVCHAR] = .CURRENT_UCB[UCB$L_DEVCHAR] OR
: 159      0471 2 (DEVSM_MNT OR DEVSM_DIR);
: 160      0472 2
: 161      0473 2 RETURN 1;
: 162      0474 2
: 163      0475 1 END; ! end of routine SET_MOUNTED

```

```

                                .EXTRN CURRENT_UCB
                                0000 0000 SET_MOUNTED:
                                .WORD Save nothing : 0429
                                MOVL CURRENT_UCB, R0 : 0470
                                BISL2 #524296, 56(R0) : 0471
                                MOVL #1, R0 : 0473

```

MOUNT
V04-000

F 5
16-Sep-1984 01:11:59
14-Sep-1984 12:29:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[F11A.SRC]MOUNT.B32;1 Page 6 (3)

04 00012 RET

; 0475

; Routine Size: 19 bytes, Routine Base: \$CODE\$ + 0025

; 164 0476 1
; 165 0477 1 END
; 166 0478 0 ELUDOM

PSECT SUMMARY

Name Bytes Attributes
\$CODE\$ 56 NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

File	Symbols		Pages Mapped	Processing Time
	Total	Loaded Percent		
_\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	7 0	1000	00:01.9

COMMAND QUALIFIERS

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

; Size: 56 code + 0 data bytes
; Run Time: 00:05.7
; Elapsed Time: 00:17.0
; Lines/CPU Min: 5013
; Lexemes/CPU-Min: 11527
; Memory Used: 58 pages
; Compilation Complete

