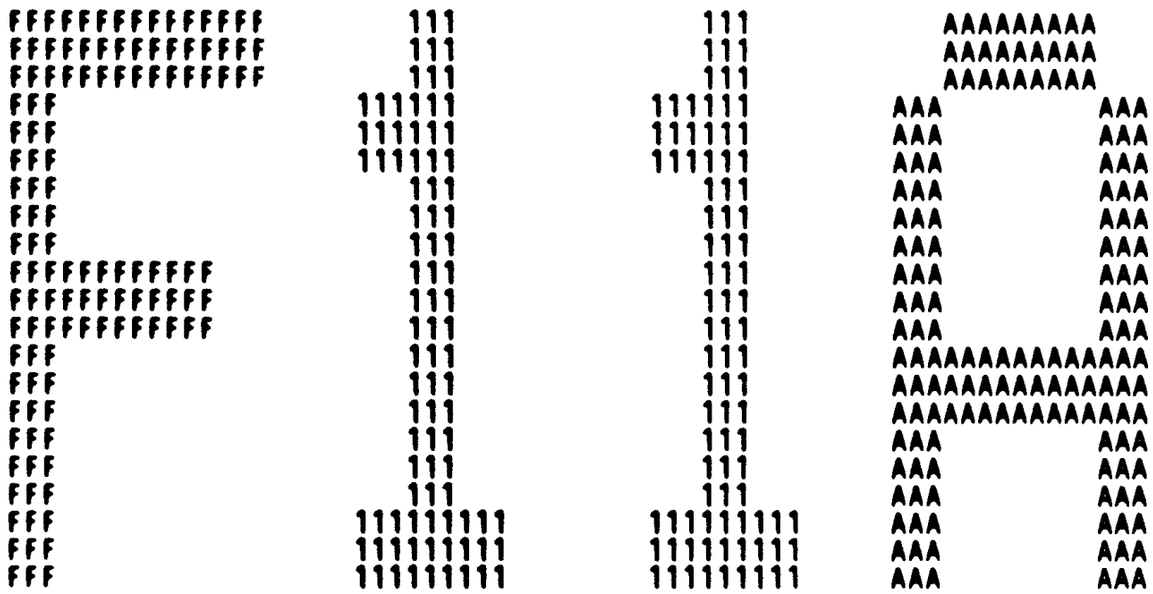
FFFFFFFFFFFFFFF
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FILEID**MOUNT

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

```
;     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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;    20        0020  1 !*                                                                        *
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;    24        0024  1 !*                                                                        *
;    25        0025  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS   *
;    26        0026  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.               *
;    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';
```

```
;    58          0058  1 REQUIRE 'SRC$:FCPDEF.B32';
;    59          0373  1
;    60          0374  1
;    61          0375  1 FORWARD ROUTINE
;    62          0376  1         MOUNT,                  ! main MOUNT routine
;    63          0377  1         SET_MOUNTED;            ! set mounted bit in UCB
```

```
;    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, SYS$CMKRNL
```

```
                                                        .PSECT  $CODE$,NOWRT,2

                                                0000 00000      .ENTRY  MOUNT, Save nothing                     ; 0378
                        50      0000G   CF  DO  00002           MOVL    QUEUE_HEAD, R0                          ; 0421
                        01        15    A0  91  00007           CMPB    21(R0), #1                              ;
                                        05  13  0000B           BEQL    1$                                      ;
                                0031C   8F  BF  0000D           CHMU    #796                                    ; 0422
                                        04  00011               RET                                             ;
                                        7E  D4  00012 1$:       CLRL    -(SP)                                   ; 0424
                                        5E  DD  00014           PUSHL   SP                                      ;
                                0000V   CF  9F  00016           PUSHAB  SET_MOUNTED                             ;
                    00000000G   9F          03  FB  0001A       CALLS   #3, @#SYS$CMKRNL                        ;
                                50          01  D0  00021       MOVL    #1, R0                                  ; 0426
                                            04  00024           RET                                             ; 0428

; 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 !       This routine sets the mounted bit in the UCB.
;  124          0436  1 !
;  125          0437  1 !
;  126          0438  1 ! CALLING SEQUENCE:
;  127          0439  1 !
;  128          0440  1 ! INPUT PARAMETERS:
;  129          0441  1 !       NONE
;  130          0442  1 !
;  131          0443  1 ! IMPLICIT INPUTS:
;  132          0444  1 !       CURRENT_UCB: address of device UCB
;  133          0445  1 !
;  134          0446  1 ! OUTPUT PARAMETERS:
;  135          0447  1 !       NONE
;  136          0448  1 !
;  137          0449  1 ! IMPLICIT OUTPUTS:
;  138          0450  1 !       NONE
;  139          0451  1 !
;  140          0452  1 ! ROUTINE VALUE:
;  141          0453  1 !       1
;  142          0454  1 !
;  143          0455  1 ! SIDE EFFECTS:
;  144          0456  1 !       mounted bit set
;  145          0457  1 !
;  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         (DEV$M_MNT OR DEV$M_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 00000 SET_MOUNTED:
                                                        .WORD   Save nothing                    ; 0429
                    50     0000G    CF   D0 00002               MOVL    CURRENT_UCB, R0         ; 0470
                38  A0 00080008     8F   C8 00007               BISL2   #524296, 56(R0)         ; 0471
                    50              01   D0 0000F               MOVL    #1, R0                  ; 0473
```

```
                                        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,  LC_,  REL,  CON,NOPIC,ALIGN(2)


;                                 Library Statistics
;                                                                                                               ;
;                                          -------- Symbols --------      Pages       Processing
;       File                               Total    Loaded   Percent      Mapped      Time
;
;  _$255$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
```

REQUEU
LIS

RWATTR
LIS

MODIFY
LIS

SCHFCB
LIS

MAKAEC
LIS

MPWIND
LIS

MAPVBN
LIS

PMS
LIS

RDHEDR
LIS

RWVB
LIS

RETDIR
LIS

RDBLOK
LIS

SMALOC
LIS

MOUNT
LIS

MAKNMB
LIS

MAKSTR
LIS

MXTHDR
LIS