This file describes the installation of CP/M 3 under ROM-MJS.

This implementation of CP/M 3 consists of a Banked CP/M 3 implementation.

The disks available under CP/M 3 are as follows:

A: - RAM Disk
B: - Not Used
C: - System Disk
D: - Available to be mounted (8 MB hard disk)
E: - Available to be mounted (8 MB hard disk)
F: - Available to be mounted (8 MB hard disk)

Upon Boot, the RAM disk is not cleared so you will need to run clrdir
(CLRDIR A:) to prepare it for use.

Installation

Installation of CP/M 3 follows the same process as installing other
operating systems under ROM-MJS

Step 1 - Install CP/M 3 image to selected partition
Step 2 - Boot CP/M 3
Step 3 - Post Installation tasks

Step 1 - Install CP/M 3 to selected partition

The Extended Debug Monitor program provides the usual monitor commands to
display memory, access I/O ports
and boot from specified devices. It also provides utility commands to
assist with installing a selected OS.

Note: This CP/M 3 implementation is partition aware and can be loaded
onto any free partition except partition
1 which is used for FAT.

To list the directory of the FAT partition, use the command:

> dir hsa0   (note the > symbol is the monitor's prompt character)

>dir hsa0

FAT16 volume mounted on 09
Partition 01 Type 06


```
Filename    Type    Size          First LBA
-------------------------------------------
MPM2-IMG    BIN     00086800      0001988E
CPM2-IMG    BIN     0002A100      00019CC6
CPM3-IMG    BIN     00059800      00019E1E
```

>

The monitor supports the FAT filesystem with files stored in the root
directory only.

To copy an OS image to a partition use the following command:

> image hsa0:(image.bin) hsa(n)

Where: hsa0 represents the name of the FAT partition (first FAT partition
on the SD card)
        dsa(n) represents the desired partition for the CP/M or MP/M
installation   hsa(2-4)

>image hsa0:cpm3-img.bin hsa3
Destination partition starts at LBA 00007D82

CPM3-IMG   BIN   00059800   00019E1E
Filename found.
Caution, if you proceed with this operation,
the destination partition will be overwritten.

Please press Y to continue or any other key to abort.
Export: file size is :00059800
Export: first cluster is :000000B5
Export: file starts at LBA 00019E1E
Image copy completed

>

Step 5 - Boot desired operating system

The Debug monitor alows you to boot from any partiton of type=52 (CP/M)
that has the appropriate
bootloader installed.

The boot command has two formats.

b <device name> <partition> - Boot from the specified device and
partition

b <enter> - Boot from default device and first "active" partition

In our case the SD card device name is DSA and the partition number would
be the
partition you installed the OS on (2, 3 or 4).

If you installed CP/M onto HSA3 you can use the following example:

>b hsa3
Booting CP/M 3

LDRBIOS3 V0.1 for the Multicomp SBC by Max Scane May 2014

```
CP/M V3.0 Loader
Copyright (C) 1982, Digital Research

 BNKBIOS3 SPR  E900  0D00
 BNKBIOS3 SPR  7500  0B00
 RESBDOS3 SPR  E300  0600
 BNKBDOS3 SPR  4700  2E00

 56K TPA


CP/M Version 3.0, for the Multicomp SBC (Banked)
MD Driver assigned to drive A:
System partition is : HSA
LD Driver assigned to drive C:
LD Driver assigned to drive D:
LD Driver assigned to drive E:
LD Driver assigned to drive F:
C>
```

Congratulations! you have successfully installed CP/M 3 on the Multicomp SBC.

Post Installation Tasks

No post installation tasks are required for CP/M 3.