

Readme

❖ How to install our enhanced Minix

- First download our bootable MINIX which contain our new implemented IPC system calls which is provided along the zip file.
- Once you download the above bootable .iso file, it can be installed on to your virtual machine upon clicking File->New in VMware Fusion and add the above extracted .iso file of our new MINIX.
- Doing so it can be installed on the virtual machine upon clicking File->New in VMware Fusion and add the above extracted .iso file of our MINIX version.

This completes the installing and setting up Minix-3 on it.

❖ How to execute our manual test program?

Open a new terminal (instance)

Path to test src file: `“/fs_test.c”`

Executable file for the same is : `”./a.out”`

In the above path on execution of the above file a menu will be displayed which provides options to application functionalities

Upon selection corresponding functionality is seen in the minix virtual machine.

Note: if you are using PUTTY to execute the program the functionality is observed in the mini virtual machine terminal rather than PUTTY terminal.

❖ How to execute our test programs?

Open a new terminal (instance)

Path to the test src files is: `“/Test/”`

Under which the following test files correspond to different tests of functionality

- DirectoryWalkerTest.c
- InodeBitMapWalkerTest.c
- ZoneMapWalker.c

Executable file for the same is:

- `./DirectoryWalkerTest`
- `./InodeBitMapWalkerTest`
- `./ZoneMapWalker`