

Assignment : 8

List of Topics: Simple File System (SFS)

This week's lab is to be the continuation of the previous lab.

Exercise :

- Create a complete design document for the file system and the system calls. This should include:
 1. Structure of the superblock, nodes, and other needed structures for maintaining free nodes, directory structure etc.
 2. Associated data structures for these structures.
 3. Justification of the choices made above and choice of various parameters, like node size, superblock size etc.
 4. Similarly provide details of the "system call" design and justification.
 5. Provide a top level pseudocode for the implementation of these system calls.

Submission :

1. Design report
 2. Implementation code along with the filesystem file "???.data"
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