Contents

1 S1: Parsing bitmap represntation of the data

Funcationlity releating to reading/writing to external disk.

F1 Read the external disk, and set that up as the workign disk.

I File that consisent a stream of formated bits.

O Set up the disk data structure

S1 Read external disk from file

- Each sector is represtned as a new line.
- The sector sequence. Repeat sectors 2 and 3.
  1. Super block
  2. inodeCount
  3. Set of data blcoks, each allociated to each inode.
- superblock structure The whole sector is just a bitset, that is the super number.
- inode Strucutre
  - Since multiple indoes are within a single sector, we have to divide by the number of bits.
    - $NumberInodes(1+\log_2(\text{WOW})+\log_2(125*SectorNum))$ This is the general amount of bits used to reprsent each indoe
    - 1 The type of inode it is (file/directory)
    - $\log_2(512*SectorSize)$ The size of the datablock.