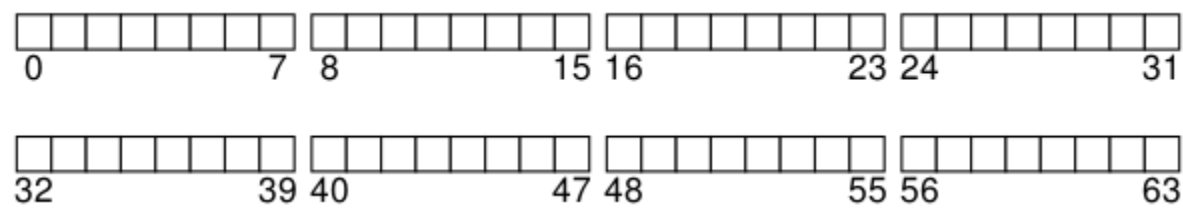


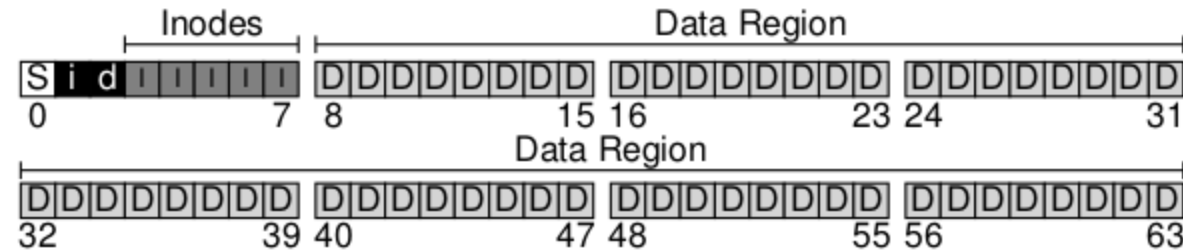
# 1. File System Implementation

Example with 64 blocks, block size 4 KB:

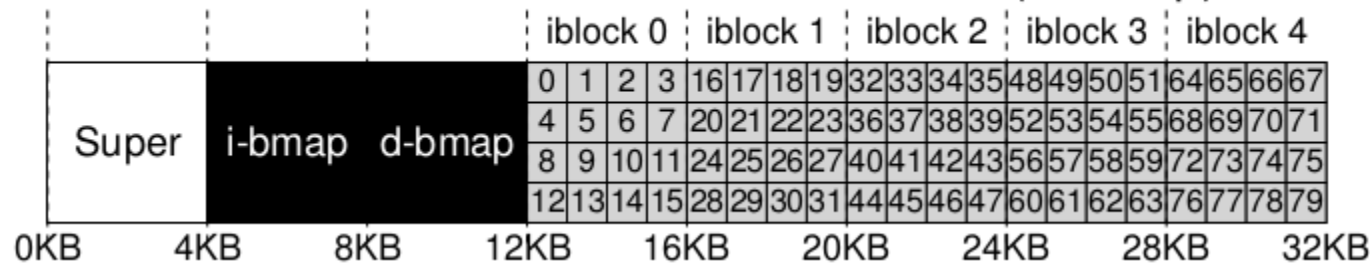


One block each for superblock, inode bitmap, data bitmap.

5 blocks for inode table (256 bytes per inode, 16 inodes per block), 56 blocks for file data:



The Inode Table (Closeup)



Reading an inode: address = 12KB + 256 \* inumber; block = address / 4KB; offset = address % 4KB