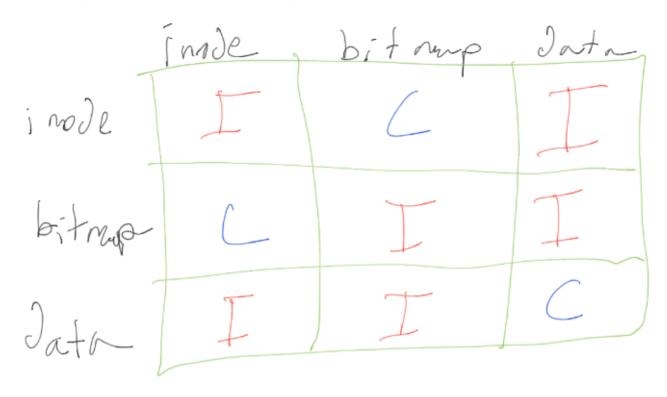
## filesys consistency



write

inode: de fa bitmap says free but inode says used, read garbuge

b:tmap: data bitmap sugs block is used, but no inode points toit

dota: data is written w/no Nay to access CNONEXISTENT)

2 writez

inoile. 2 bitmun: reading black

contains garbage i node & Jatui 2 metadata struct. bitmaple data. no idea which file should contain data block Solution -fsck(): scan for consistencies -really Slow - Dournaling = transactions -atomic = happens/doesn't happen -serializable = latter another - durable = sticks after happening Write orhead = writes to log as soon as a change is made write behind - write to disk at a later time Casynchronous)

Last modified: 1:32 PM