Block pointers and maximum file size

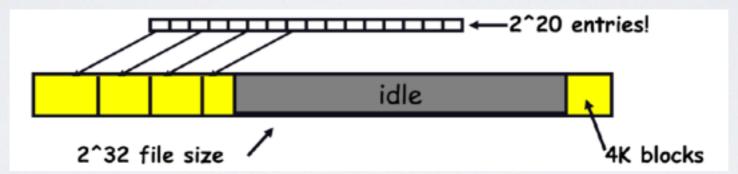
So far, each inode has 15 block pointers

- → The maximum file size can be 15 * 4 KB = 60 KB (only?!)
- Should we increase the number of block pointers to increase the file size?

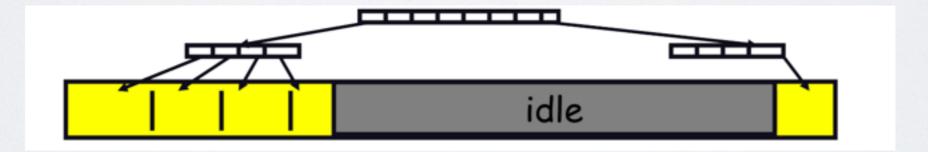
More issues with indexed Files

Large file size with lots of unused entries means

The mapping table requires large chunk of contiguous space



→ Solution: mapping table structured as a multi-level index array



but ... you know the story (similar to VM two-level page lookup)