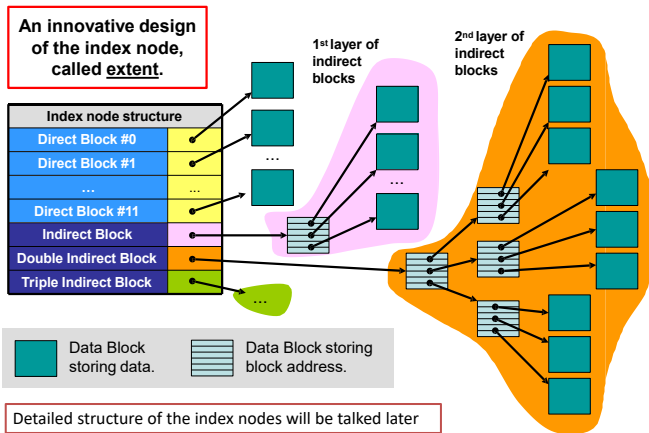


Index Node 1	Index Node 2	Index Node 3	Index Node 4
Direct Block	Direct Block	Direct Block	Direct Block
Indirect Block	Indirect Block	Indirect Block	Indirect Block
Double Indirect Block	Double Indirect Block	Double Indirect Block	Double Indirect Block
Triple Indirect Block	Triple Indirect Block	Triple Indirect Block	Triple Indirect Block



These two kinds of blocks are both stored inside the Data Area, which is the main part of this disk, including all files and directories, and they are treated the same as other blocks by the FS. These blocks are not same as Directories however, since they do not need to maintain a Look-up table, hence no more visiting to Index Node area before jumping to next block.

They act like the address double-word in Indirect memory visiting method, but they are not restricted to fragments nevertheless, and remember that I/O are always done block by block, therefore the indirect blocks store a bunch of addresses



An innovative design of the index node, called extent.