

FAT: Linked list allocation with a table in RAM

- ▶ Taking the pointer out of each disk block, and putting it into a table in memory
- ▶ fast random access (chain is in RAM)
- ▶ is 2^n
- ▶ the entire table must be in RAM

$disk \nearrow \Rightarrow FAT \nearrow \Rightarrow RAM_{used} \nearrow$

Physical
block

0		
1		
2	10	
3	11	
4	7	← File A starts here
5		
6	3	← File B starts here
7	2	
8		
9		
10	12	
11	14	
12	-1	
13		
14	-1	
15		← Unused block