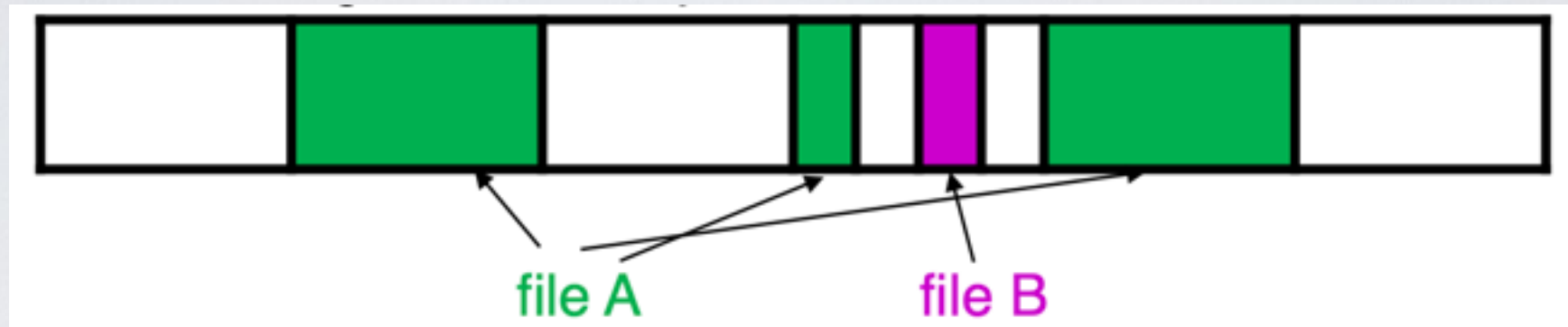# Solution - use fragments

file A   file B

BSD FFS has large block size (4096B or 8192B)

➡ Allow large blocks to be chopped into small ones called "fragments"

- Ensure fragments only used for little files or ends of files

- Fragment size specified at the time that the file system is created

- Limit number of fragments per block to 2, 4, or 8

✓ High transfer speed for larger files

✓ Low wasted space for small files or ends of files

Fragment Example

Block size: 4096B
Fragment Size: 1024

fd1

fd2

A
A
A
A

B
A
B