Different file-systems

Gutenbrunner

- Free space list
- File blocks
- Directory blocks
- Data blocks

Create File: First free Block is File Block and then follows Data block
Give back unused Blocks -> first Nullpointer
Increase Filesize: Give additional Data Block
Decrease Filesize: Delete Data from Data Block
Sequential read: Read File blocks
Seek: Know size of Blocks

Metbala

Free Space management points to unused blocks
Meta Management points to data block
Previous and Next Block in the Data Block -> Linked list
Increase Filesize: Give additional Data Block
Decrease Filesize: Delete last Block
Sequential read: Read through linked list

Aumeier

Size 4kb
First block has Address to next block
For file allocate 3 blocks
Each block has pointer to the header
Sequential read: Read from Header through following blocks
Seek: Know size of Blocks
Delete: Address deleted, free blocks

Pirklbauer

Content in linked list
Eof at the end of linked list
Increase Filesize: calculate new size and give additional free blocks
Decrease: calculate how much blocks are needed and free unneeded blocks
Seek: calculate how much blocks we have to overjump
Delete: delete first block of file

Forstinger

Same as our Solution
Description block (with content block addresses)
If description block is too small -> sub description block
Start address and end address in description block