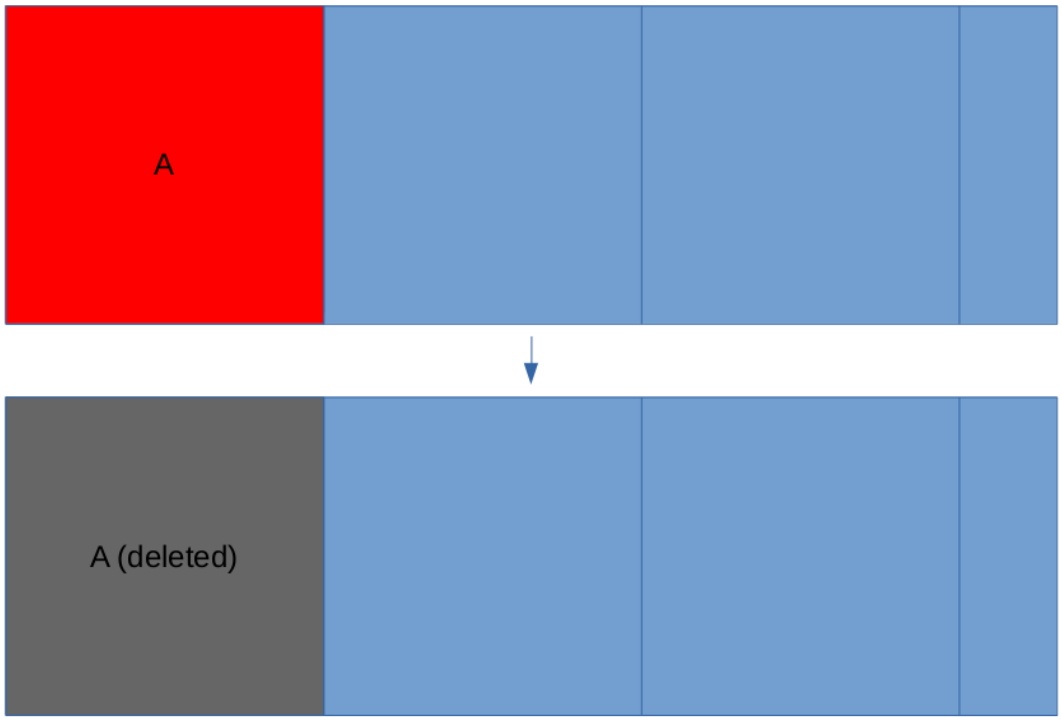
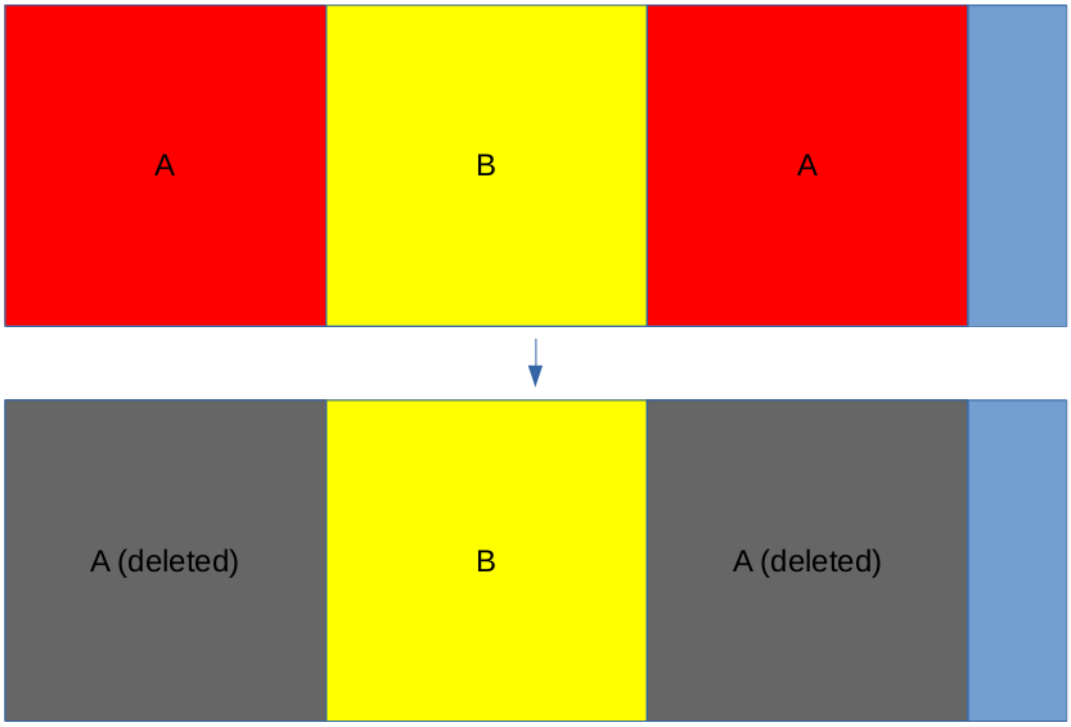
1. File A is written to contiguous clusters and deleted.
   Should recover all of A.

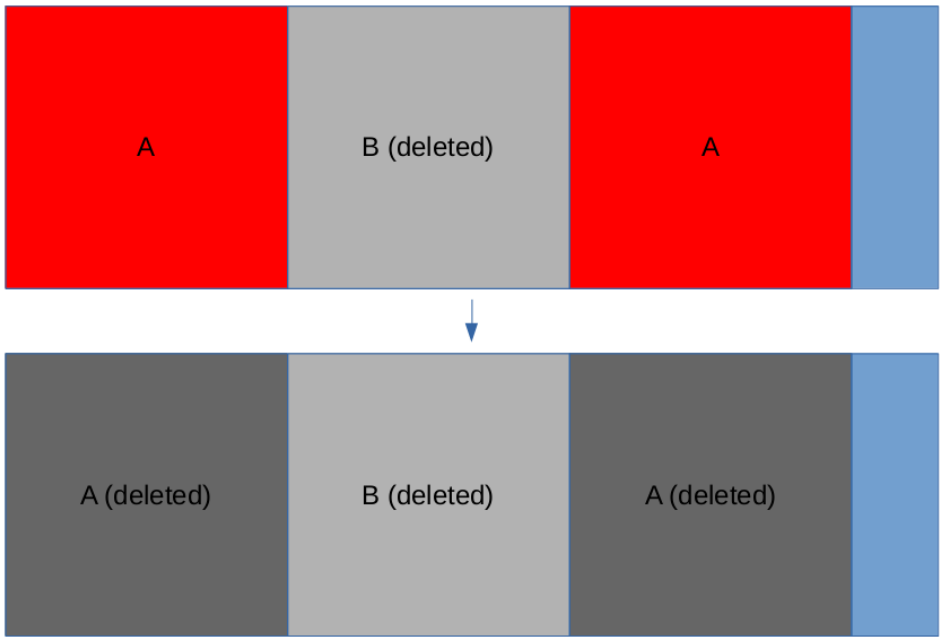


2. File A is written to non-contiguous clusters (A is fragmented) and deleted.
   Should recover either all of A or only the first fragment of A.



3. File A is written to non-contiguous clusters and deleted, and clusters between the fragments are de-allocated.

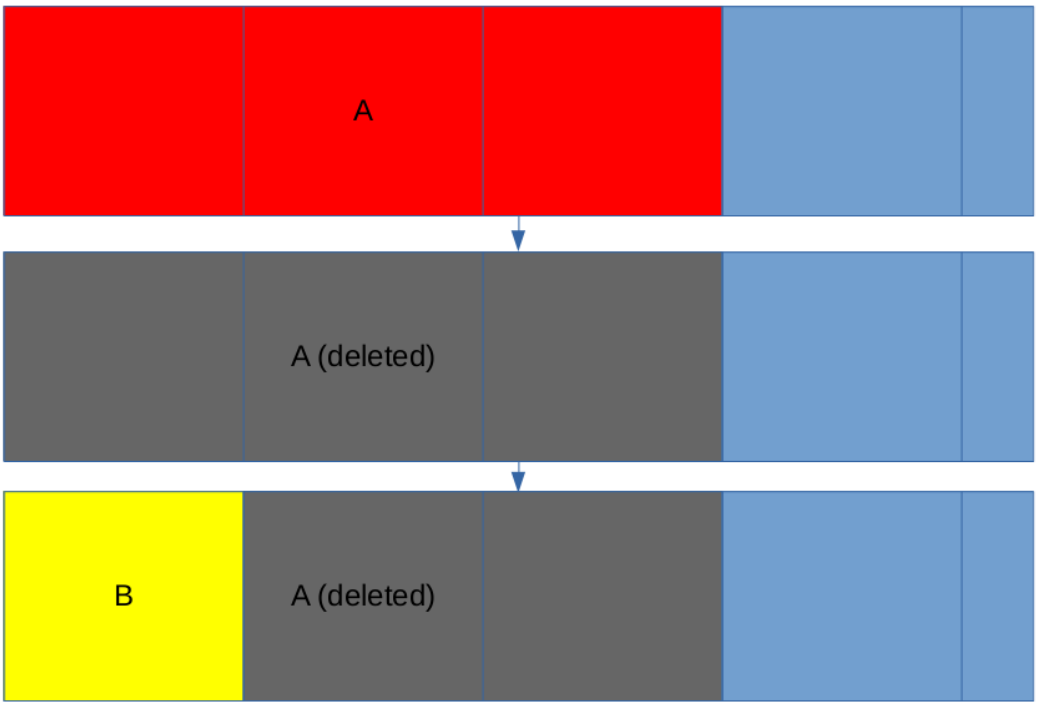
   Should recover either all of A or only the first fragment of A.



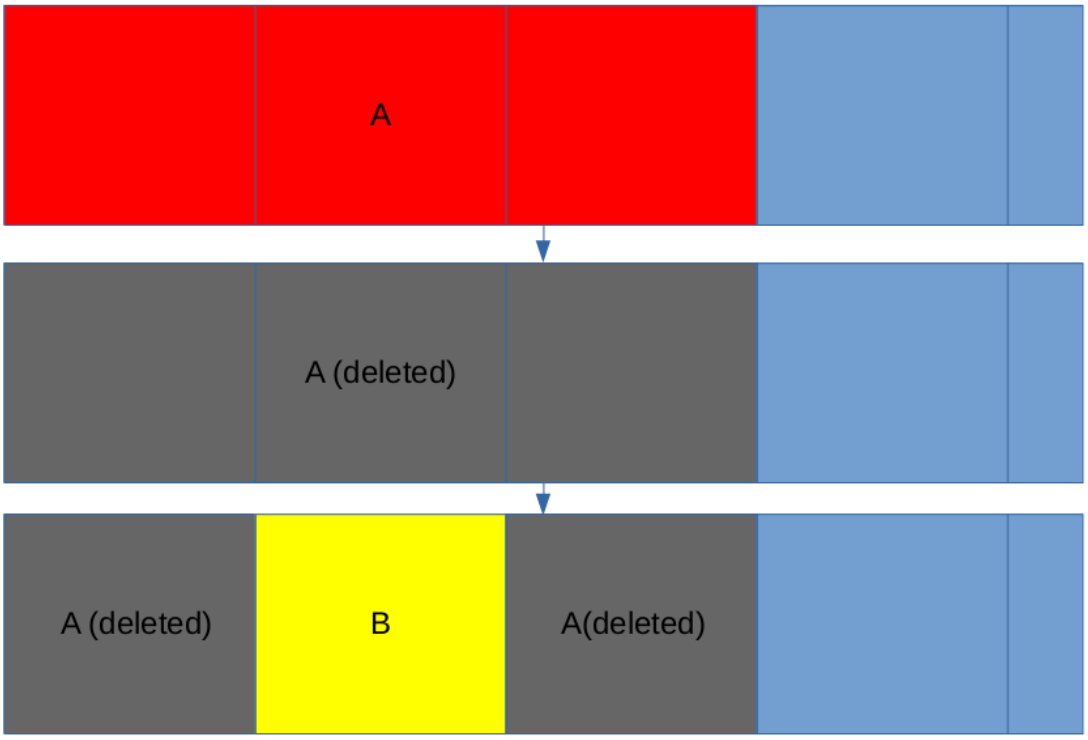
4. File A is written to contiguous clusters and deleted, and file B is written over one of those clusters.

   i. B is written over A's first cluster.

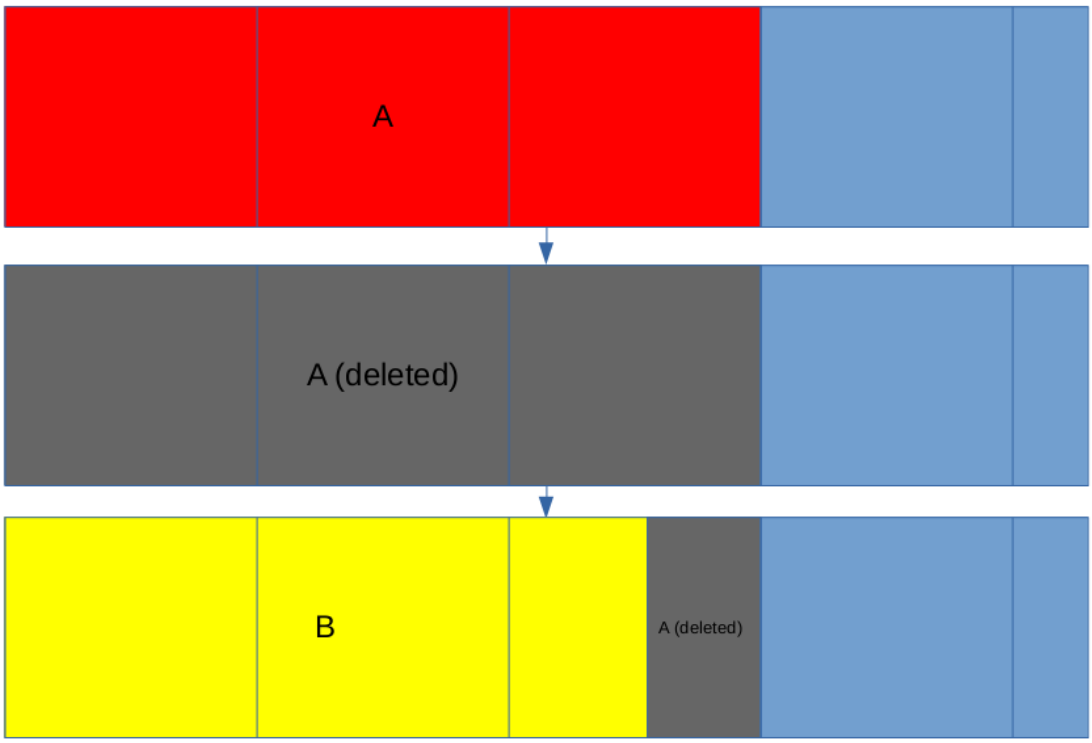
   Should recover all of A that was not overwritten.



ii. B is written over the middle of A such that deleted data from A is present before and after B.
Should recover all of A that was not overwritten.

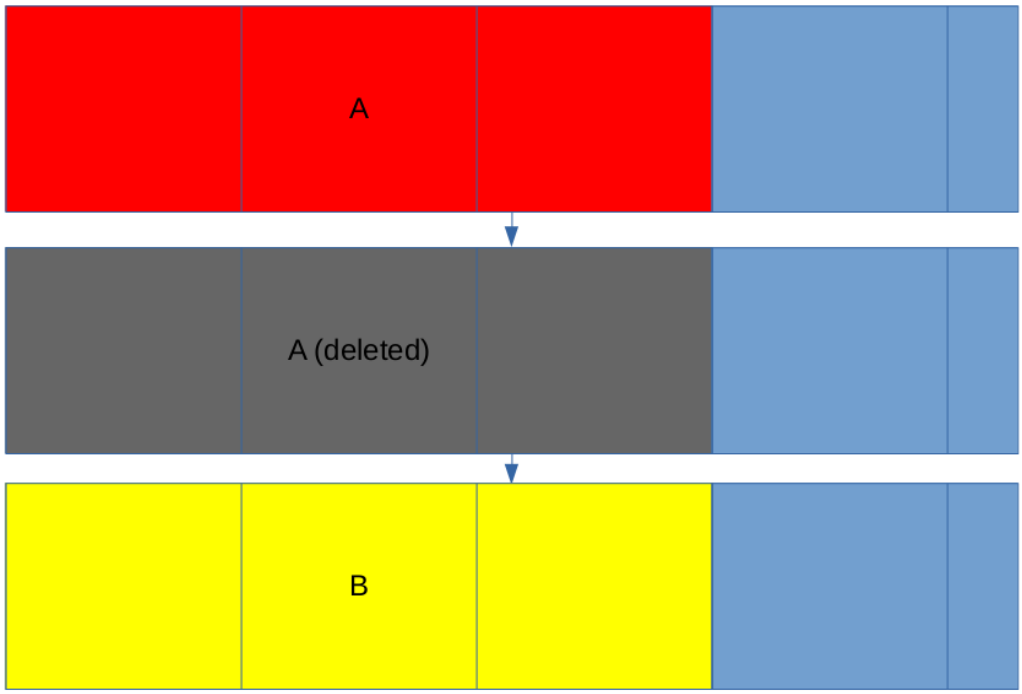


iii. Data from B does not precisely fit the cluster size, so one cluster will contain the end of B followed by deleted data from A.
Should recover all of A that was not overwritten.



iv. B completely overwrites A.

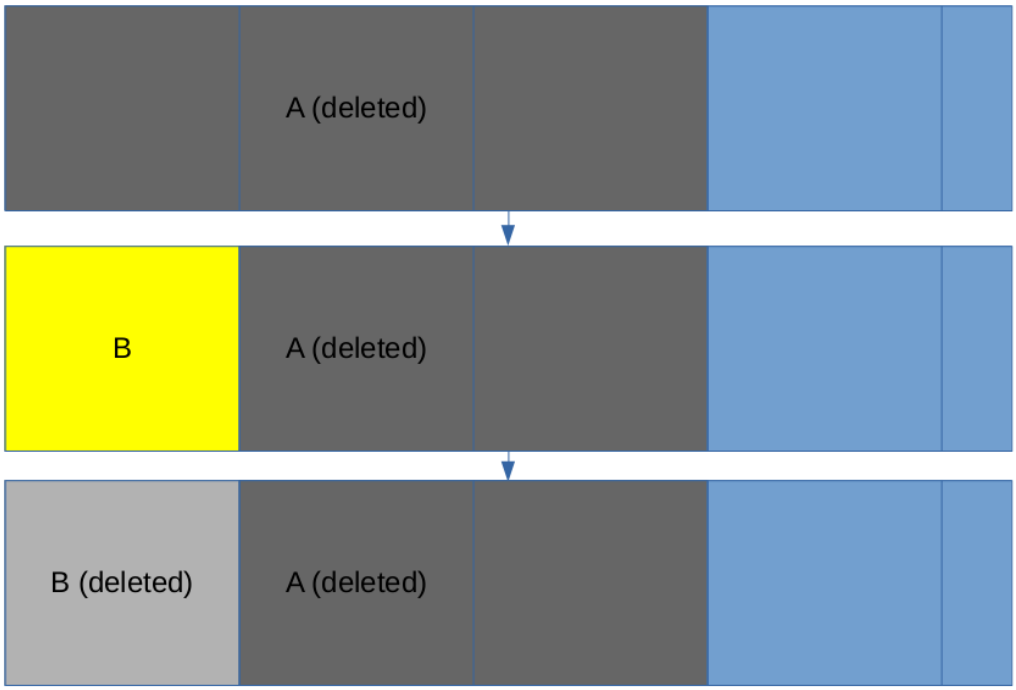
Should recover nothing.



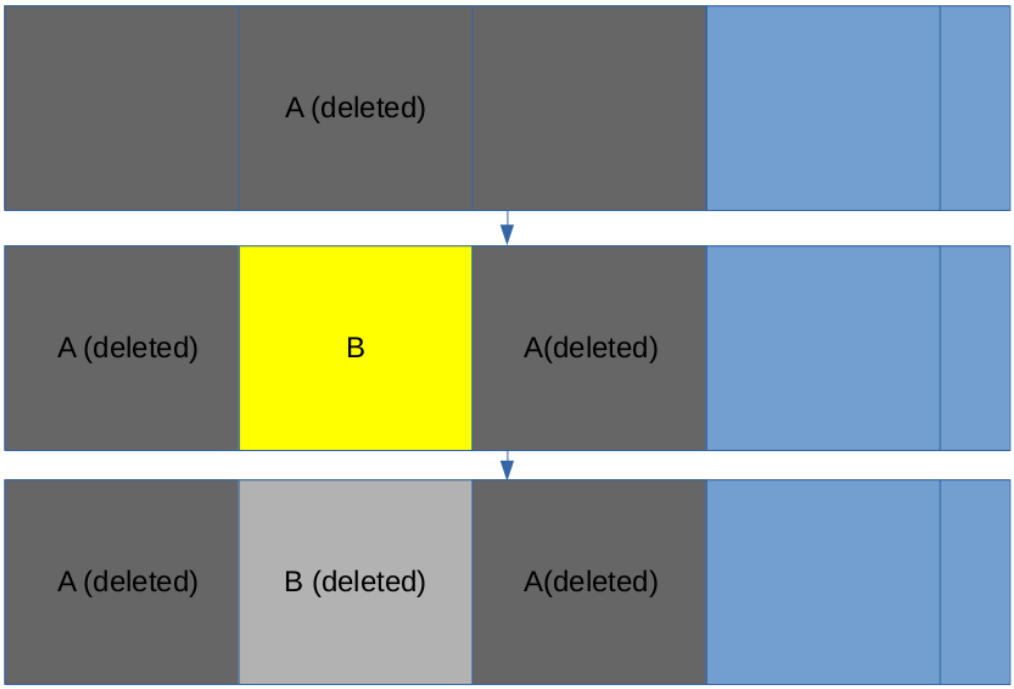
5. File A is written to contiguous clusters and deleted, and file B is written over one of those clusters and deleted.

i. B is written over A's first cluster.

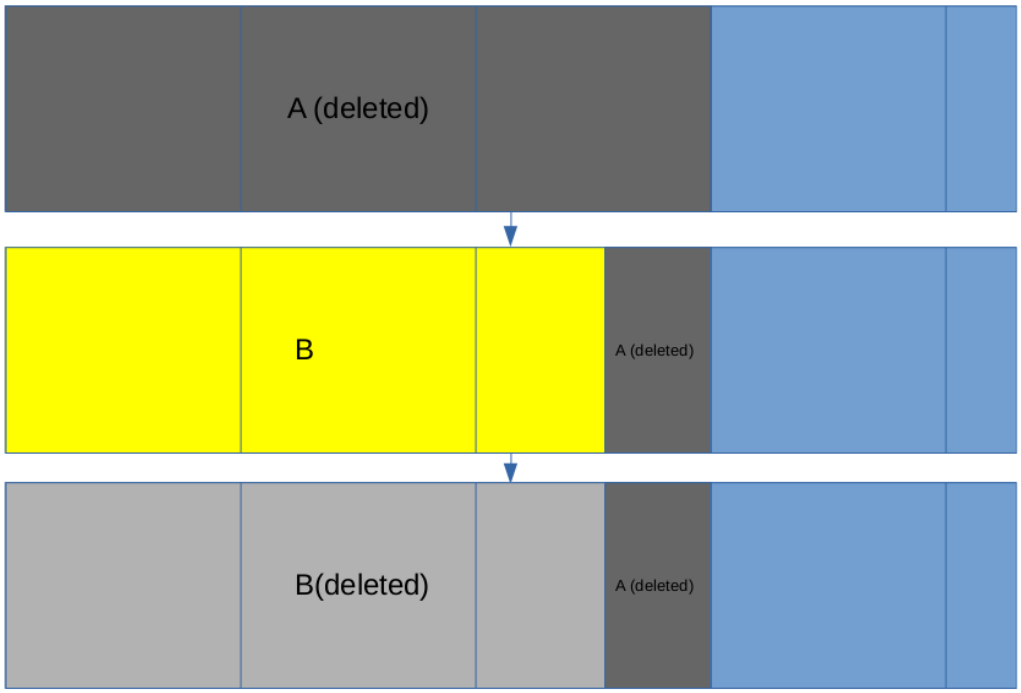
Should recover all of B, and all of A that was not overwritten.



ii. B is written over the middle of A such that deleted data from A is present before and after B.
Should recover all of B, and all of A that was not overwritten.

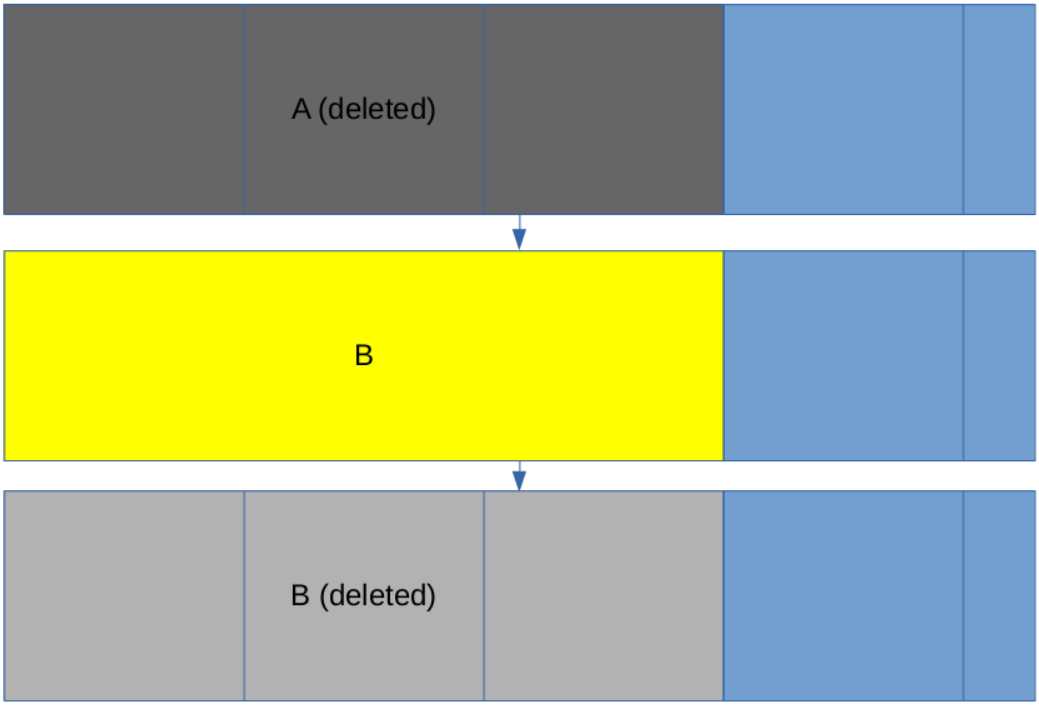


iii. Data from B does not precisely fit the cluster size, so one cluster will contain the end of B followed by deleted data from A.
Should recover all of B, and all of A that was not overwritten.



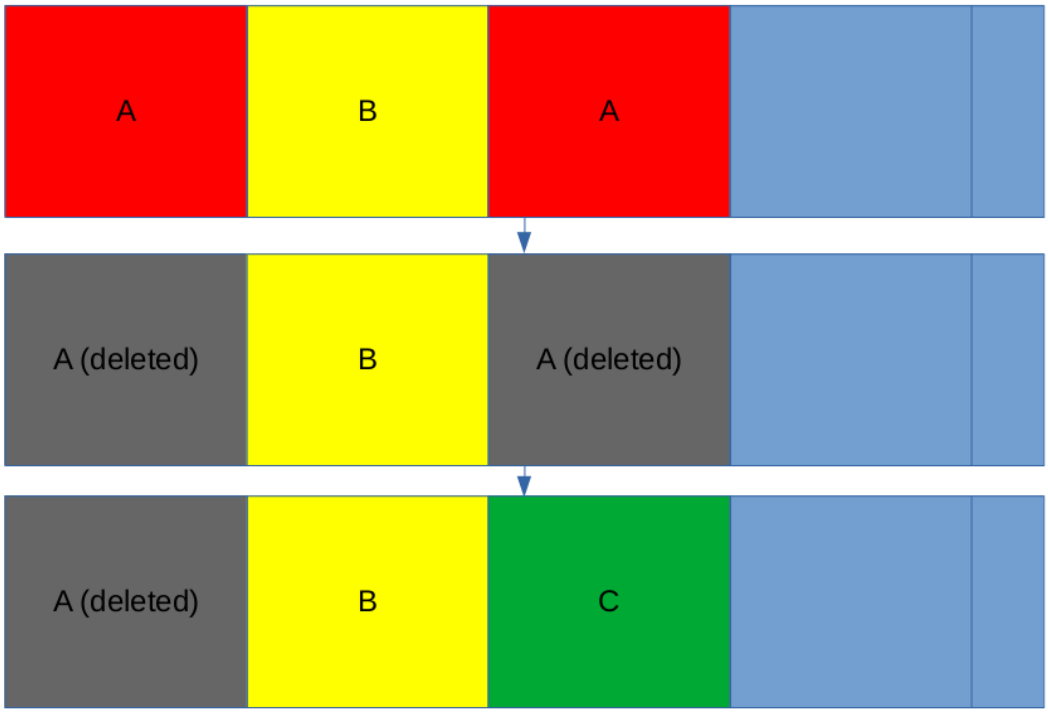
iv. B completely overwrites A.

Should recover B.

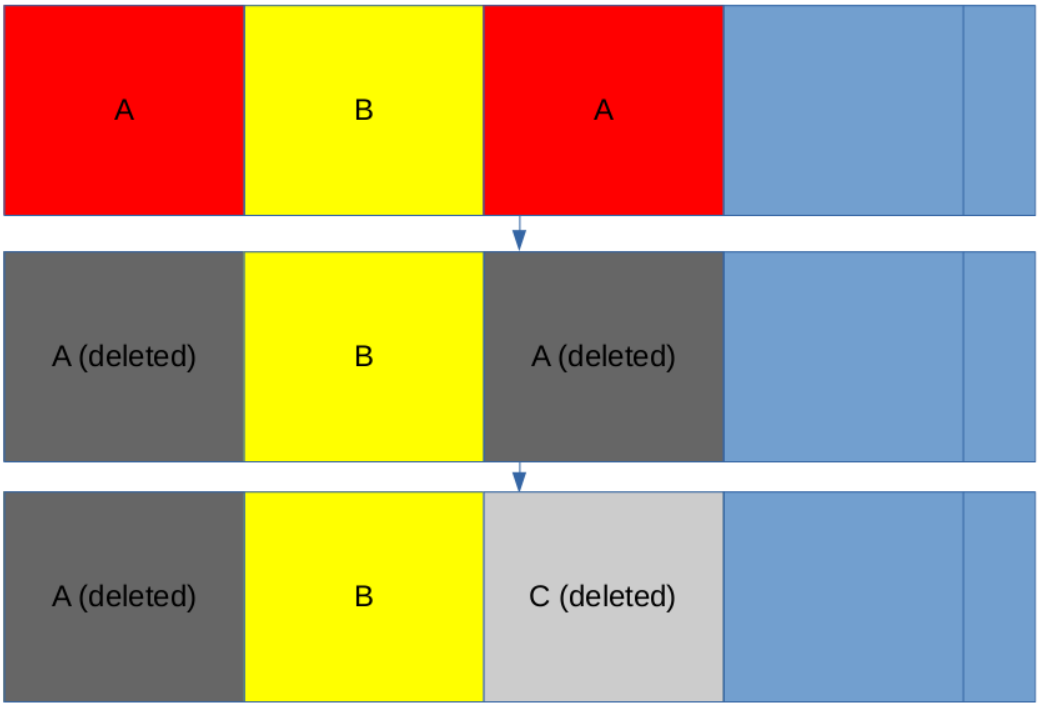


6. File A is written to discontiguous clusters and deleted, and file C is written over the second fragment.

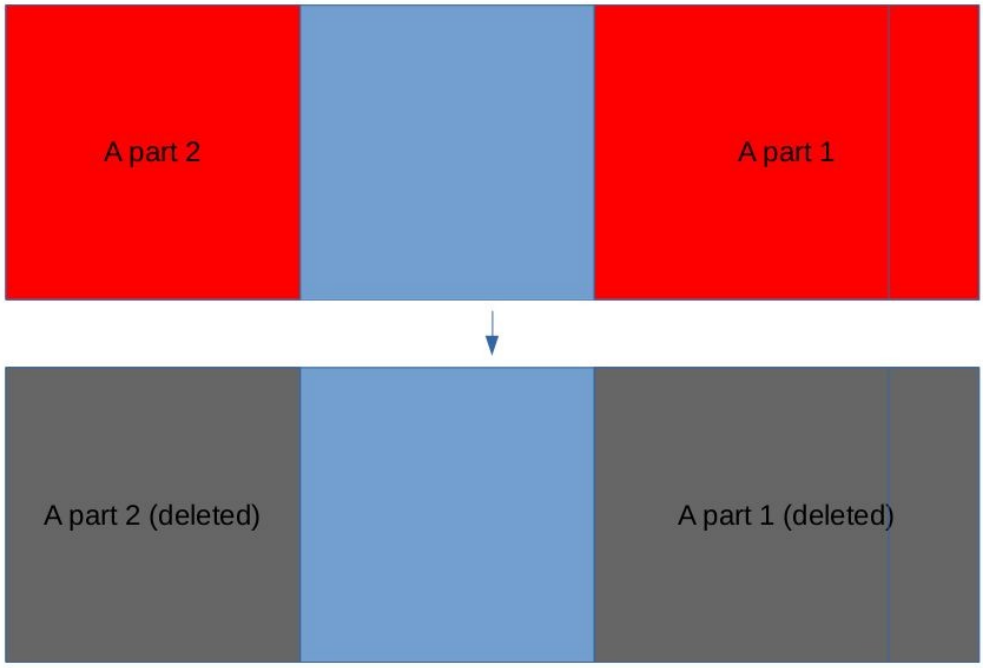
Should recover the first fragment of A.



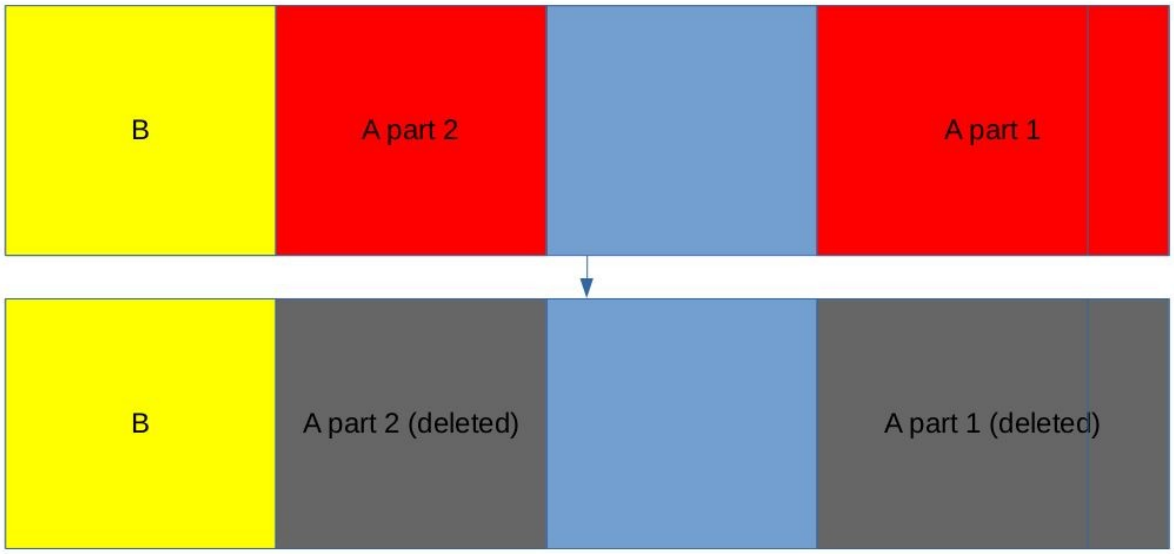
7. File A is written to discontiguous clusters and deleted, and file C is written over the second fragment and deleted.
   Should recover C and only the first fragment of A.



8. File A is written starting at the end of the file system such that a fragment of A is written to the beginning of the file system.
   Should recover A part 1 or all of A.



9. File B is written at the beginning of the file system, and file A is written starting at the end of the file system such that a fragment of A is written immediately after B.
   Should recover A part 1 or all of A.



10. File B is written at the beginning of the file system, and file A is written starting at the end of the file system such that a fragment of A is written immediately after B, and B is deleted.
    Should recover B and either A part 1 or all of A.