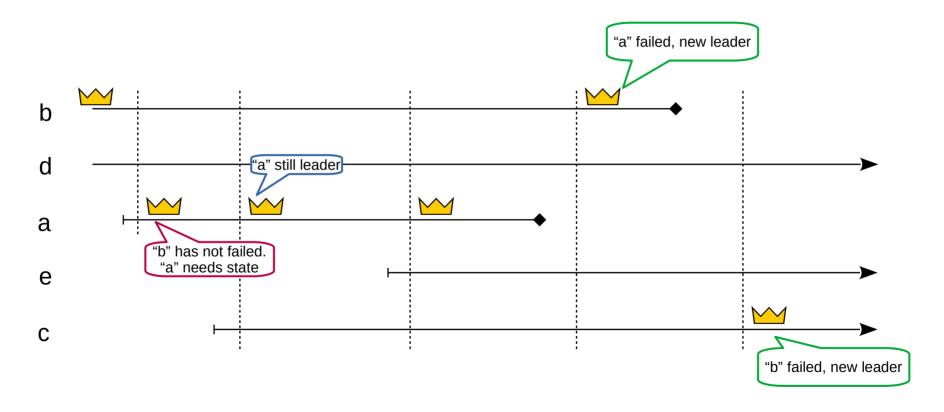
Leader election and failover

- Leader needs to be an up-to-date replica
- If the leader has not failed, it should stay the same
- Backups don't need to know who the leader is
 - They just need to know that it is someone else....
 - The leader will make itself known!
- Spread sorts elements in a view alphabetically

Static order

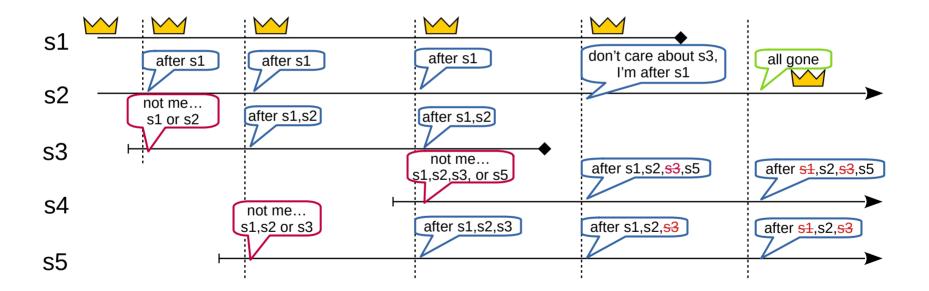
Select first in lexicographical order of the view:



Fault Tolerance 15

FIFO order

 Need to remember others on join and wait until list is empty:



Fault Tolerance 16