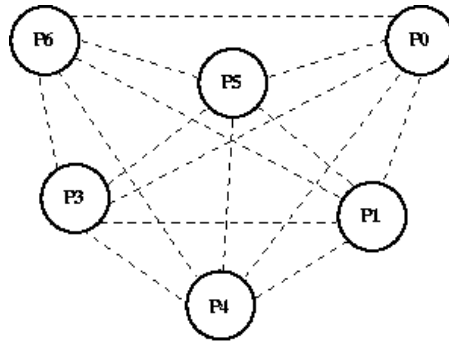


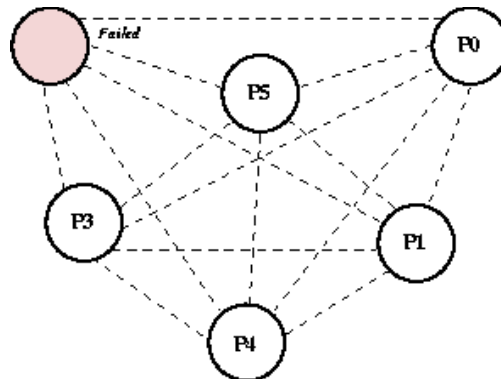
Bully Election- How does it work?

We start with 6 processes, all directly connected to each other. Process 6 is the leader, as it has the highest number.



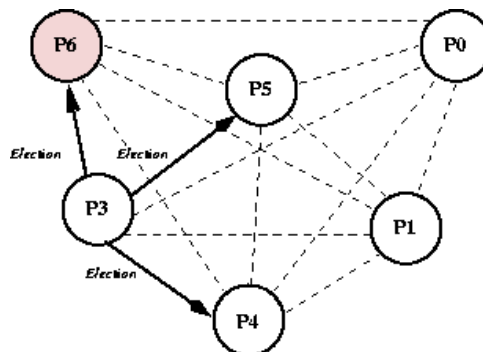
Bully Algorithm: Step 0

Process 6 fails.



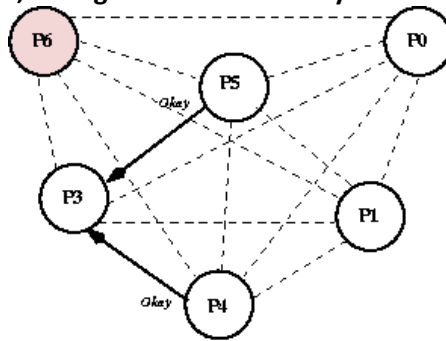
Bully Algorithm: Step 1

Process 3 notices that Process 6 does not respond So it starts an election, notifying those processes with ids greater than 3.



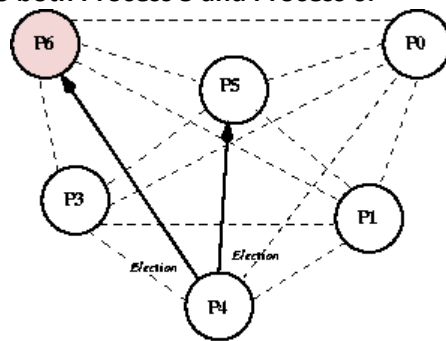
Bully Algorithm: Step 2

Both Process 4 and Process 5 respond, telling Process 3 that they will take over from here.



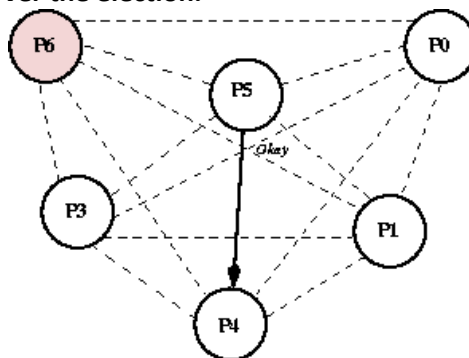
Bully Algorithm: Step 3

Process 4 sends election messages to both Process 5 and Process 6.



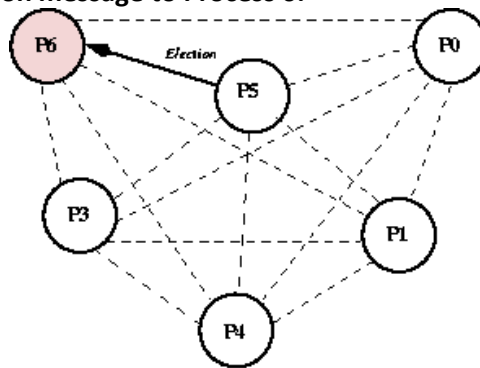
Bully Algorithm: Step 4

Only Process 5 answers and takes over the election.



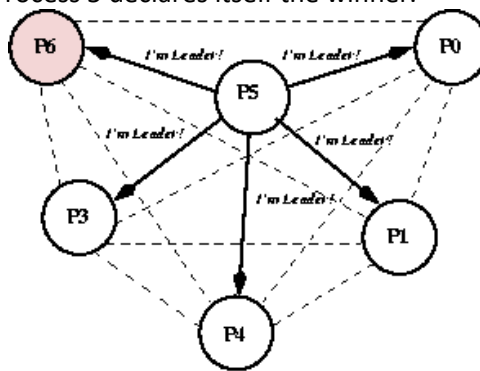
Bully Algorithm: Step 5

Process 5 sends out only one election message to Process 6.



Bully Algorithm: Step 6

When Process 6 does not respond Process 5 declares itself the winner.



Bully Algorithm: Step 7