Algorithms for choosing a Coordinator Node Ring-based algorithm (1) We amonge all processes modes in a logical ring and assume no failures. All nodes are set to be "non-participants." Initiating process makes himself "participant" and sends its identifier in an election musage to its neighbour. (3) Receiver compares the received with its own identifier. if (10 message > 10 own): forward message unchanged else: replace 10 message with 10 own and forward musage Receiver is now a participant. (4) If (10 merrage = 10 our) The respective node has won and becomes the coordinator (5) Coordinator sends an elected message around the ring to tell everyone ("I'm the coordinator, this is my 10."). Bully algorithm 1 P sends an election message to all processes/nodes with higher numbers. (P is the initiator). (2) If moone responds P wins the election, becomes coordinator and informs all other nodes via a coordinator message (3) If a higher-numbered node Q answers P via an answer message, P doesn't win and Q begins the election process again. This repeats until one process wins. Note 1: Failures are tolerated since wait-times for nodes can be controlled via time-outs. Note 2: All nodes must know about the 10s (e.g. 1P addresses)

of the participating nodes and can communicate with them.