



C S	Bully Algorithm			
	 Applicable to syste every other proces 	ems where every process as in the system	can send a message to	
	 If process P_i sends coordinator within has failed; P_i tries 	s a request that is not ans a time interval T , assume to elect itself as the new o	wered by the that the coordinator coordinator	
	P _i sends an election priority number, P _i within T	on message to every proc then waits for any of thes	ess with a higher e processes to answer	
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Contraction of the second seco	Ring Algorithm (Cont.)			
■ If <i>P_i</i> resp	If P _i receives a message elect(j) from the process on the left, it must respond in one of three ways:			
1.	If this is the first <i>elect</i> message it has seen or sent, P_i creates a new active list with the numbers <i>i</i> and <i>j</i>			
	 It then sends the message <i>elect(i)</i>, followed by the message <i>elect(j)</i> 			
2.	If $i \neq j$, then the active list for P_i now contains the numbers of all the active processes in the system			
	 <i>P_i</i> can now determine the largest number in the active list to identify the new coordinator process 			
3.	If $i = j$, then P_i receives the message <i>elect(i)</i>			
	 The active list for P_i contains all the active processes in the system 			
	- P_i can now determine the new coordinator process.			
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