

Exercise Session 3

Total Order Broadcast

October 17, 2010

Exercise 1

Would it make sense to add the *total-order* property to the best-effort broadcast?

Exercise 2

What happens in our consensus-based total order broadcast algorithm if the set of messages decided on are not sorted deterministically after the decision but prior to the proposal? What happens in our consensus-based total order broadcast algorithm if the set of messages decided on is not sorted deterministically, neither a priori nor a posteriori?