Proposers 1. Select a new proposal number, including server ID for uniqueness. 2. Send Prepare requests to acceptors. 3. If a majority of acceptors respond, send Accept requests to acceptors with the same proposal number. 4. If a majority of acceptors respond, the value in the Accept request is committed. **Prepare Request Arguments:** proposal proposal number Results: acceptedProposal number of highest proposal accepted by this acceptor, if any value of highest proposal accepted by this acceptedValue acceptor Receiver implementation: If proposal is higher than any number in a previous Prepare or Accept request, then save proposal and respond; otherwise do

not respond.

Arguments:
proposal proposal number
value if proposer received any acceptedValues in
Accept responses, must be the value
corresponding to the highest
acceptedProposal; otherwise proposer may
pick arbitrary value

If proposal is higher than any number in a previous Prepare or

Accept request, then save proposal and value and respond;

none

Receiver implementation:

otherwise do not respond.

Results:

Acceptors

Process Prepare and Accept requests from proposers.