performancequick

Running all performance Experiments:

Running all experiment for IPC: PAXOS

Testing PAXOS

Changing to mode: paxos

Testing: SequentialPaxos

I\*\*\*(ReceivedCallInitiated) Default Server-->(three.clients.AGIPCClient@254513e8).public abstract java.lang.String three.clients.GIPCClient.getName() throws inputport.rpc.duplex.GIPCRemoteException(null)

I\*\*\*(ReceivedCallInitiated) Default Server-->(three.clients.AGIPCClient@254513e8).public abstract void three.clients.GIPCClient.concensusAchievedIPC() throws inputport.rpc.duplex.GIPCRemoteException(null)

I\*\*\*(ProposalMade) Mode,1.0003=Mode:5

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([1.0003, Mode:5])

I\*\*\*(ProposalWaitStarted) Mode,1.0003=Mode:5

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([-1.0, null, 1.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 1--> Mode,1.0003<--(-1.0,null) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,1.0003,Mode:5:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([1.0003, Mode:5])

I\*\*\*(ProposalPrepareRequestReceived) 3--> Mode,1.0003=Mode:5

I\*\*\*(ProposalPreparedNotificationSent) Mode,1.0003<--(-1.0,null) == SUCCESS

I\*\*\*(RemoteCallInitiated) (3,Mode).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([-1.0, null, 1.0003, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([-1.0, null, 1.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 3--> Mode,1.0003<--(-1.0,null) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,1.0003,Mode:5:2|2|3|3?2.0-->true

I\*\*\*(ProposalAcceptRequestSent) Mode,1.0003=Mode:5

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([1.0003, Mode:5])

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([1.0003, Mode:5])

I\*\*\*(ProposalAcceptRequestReceived) 3--> Mode,1.0003=Mode:5

I\*\*\*(ProposalAcceptedNotificationSent) Mode,1.0003=Mode:5-->SUCCESS

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([1.0003, Mode:5, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([-1.0, null, 1.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 2--> Mode,1.0003<--(-1.0,null) == SUCCESS

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([1.0003, Mode:5, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 3--> Mode,1.0003=Mode:5:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,1.0003,Mode:5:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([1.0003, Mode:5, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 2--> Mode,1.0003=Mode:5:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,1.0003,Mode:5:2|2|3|3?2.0-->true

I\*\*\*(ProposalStateChanged) Mode,1.0003=Mode:5-->PROPOSAL\_CONSENSUS

Paxos Mode Changed to: SequentialPaxos

I\*\*\*(ProposalWaitEnded) Mode,1.0003=Mode:5-->PROPOSAL\_CONSENSUS

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([1.0003, Mode:5, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 1--> Mode,1.0003=Mode:5:SUCCESS

PerformingTwoCommands: SequentialPaxos

I\*\*\*(ProposalMade) Mode,2.0003=move 2 0

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([2.0003, move 2 0])

I\*\*\*(ProposalWaitStarted) Mode,2.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([2.0003, move 2 0])

I\*\*\*(ProposalPrepareRequestReceived) 3--> Mode,2.0003=move 2 0

I\*\*\*(ProposalPreparedNotificationSent) Mode,2.0003<--(1.0003,Mode:5) == SUCCESS

I\*\*\*(RemoteCallInitiated) (3,Mode).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([1.0003, Mode:5, 2.0003, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([1.0003, Mode:5, 2.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 3--> Mode,2.0003<--(1.0003,Mode:5) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,2.0003,move 2 0:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([1.0003, Mode:5, 2.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 1--> Mode,2.0003<--(1.0003,Mode:5) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,2.0003,move 2 0:2|2|3|3?2.0-->true

I\*\*\*(ProposalAcceptRequestSent) Mode,2.0003=move 2 0

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([2.0003, move 2 0])

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([1.0003, Mode:5, 2.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 2--> Mode,2.0003<--(1.0003,Mode:5) == SUCCESS

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([2.0003, move 2 0])

I\*\*\*(ProposalAcceptRequestReceived) 3--> Mode,2.0003=move 2 0

I\*\*\*(ProposalAcceptedNotificationSent) Mode,2.0003=move 2 0-->SUCCESS

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([2.0003, move 2 0, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([2.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 1--> Mode,2.0003=move 2 0:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,2.0003,move 2 0:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([2.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 2--> Mode,2.0003=move 2 0:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,2.0003,move 2 0:2|2|3|3?2.0-->true

I\*\*\*(ProposalStateChanged) Mode,2.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([2.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 3--> Mode,2.0003=move 2 0:SUCCESS

I\*\*\*(ProposalWaitEnded) Mode,2.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalMade) Mode,3.0003=move 2 0

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([3.0003, move 2 0])

I\*\*\*(ProposalWaitStarted) Mode,3.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([3.0003, move 2 0])

I\*\*\*(ProposalPrepareRequestReceived) 3--> Mode,3.0003=move 2 0

I\*\*\*(ProposalPreparedNotificationSent) Mode,3.0003<--(2.0003,move 2 0) == SUCCESS

I\*\*\*(RemoteCallInitiated) (3,Mode).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([2.0003, move 2 0, 3.0003, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([2.0003, move 2 0, 3.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 1--> Mode,3.0003<--(2.0003,move 2 0) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,3.0003,move 2 0:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([2.0003, move 2 0, 3.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 2--> Mode,3.0003<--(2.0003,move 2 0) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,3.0003,move 2 0:2|2|3|3?2.0-->true

I\*\*\*(ProposalAcceptRequestSent) Mode,3.0003=move 2 0

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([3.0003, move 2 0])

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([2.0003, move 2 0, 3.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 3--> Mode,3.0003<--(2.0003,move 2 0) == SUCCESS

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([3.0003, move 2 0])

I\*\*\*(ProposalAcceptRequestReceived) 3--> Mode,3.0003=move 2 0

I\*\*\*(ProposalAcceptedNotificationSent) Mode,3.0003=move 2 0-->SUCCESS

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([3.0003, move 2 0, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([3.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 1--> Mode,3.0003=move 2 0:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,3.0003,move 2 0:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([3.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 2--> Mode,3.0003=move 2 0:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,3.0003,move 2 0:2|2|3|3?2.0-->true

I\*\*\*(ProposalStateChanged) Mode,3.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,3.0003=move 2 0-->PROPOSAL\_CONSENSUS

SequentialPaxos: 69

Testing: CentralizedSynchronous

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([3.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 3--> Mode,3.0003=move 2 0:SUCCESS

I\*\*\*(ProposalMade) Mode,4.0003=Mode:4

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([4.0003, Mode:4])

I\*\*\*(ProposalWaitStarted) Mode,4.0003=Mode:4

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Preparer.prepare(float,java.lang.Object)([4.0003, Mode:4])

I\*\*\*(ProposalPrepareRequestReceived) 3--> Mode,4.0003=Mode:4

I\*\*\*(ProposalPreparedNotificationSent) Mode,4.0003<--(3.0003,move 2 0) == SUCCESS

I\*\*\*(RemoteCallInitiated) (3,Mode).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([3.0003, move 2 0, 4.0003, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([3.0003, move 2 0, 4.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 1--> Mode,4.0003<--(3.0003,move 2 0) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,4.0003,Mode:4:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([3.0003, move 2 0, 4.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 3--> Mode,4.0003<--(3.0003,move 2 0) == SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,4.0003,Mode:4:2|2|3|3?2.0-->true

I\*\*\*(ProposalAcceptRequestSent) Mode,4.0003=Mode:4

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([4.0003, Mode:4])

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.paxos.Prepared.prepared(float,java.lang.Object,float,consensus.ProposalFeedbackKind)([3.0003, move 2 0, 4.0003, SUCCESS])

I\*\*\*(ProposalPreparedNotificationReceived) 2--> Mode,4.0003<--(3.0003,move 2 0) == SUCCESS

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([4.0003, Mode:4])

I\*\*\*(ProposalAcceptRequestReceived) 3--> Mode,4.0003=Mode:4

I\*\*\*(ProposalAcceptedNotificationSent) Mode,4.0003=Mode:4-->SUCCESS

I\*\*\*(RemoteCallInitiated) ([1, 2, 3],Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([4.0003, Mode:4, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([4.0003, Mode:4, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 1--> Mode,4.0003=Mode:4:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,4.0003,Mode:4:1|1|3|3?2.0-->null

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([4.0003, Mode:4, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 2--> Mode,4.0003=Mode:4:SUCCESS

I\*\*\*(SufficientAgreementsChecked) Mode,4.0003,Mode:4:2|2|3|3?2.0-->true

I\*\*\*(ProposalStateChanged) Mode,4.0003=Mode:4-->PROPOSAL\_CONSENSUS

Paxos Mode Changed to: Centralizedsynchronous

I\*\*\*(ProposalLearnNotificationSent) Mode,4.0003=Mode:4-->SUCCESS

I\*\*\*(ProposalWaitEnded) Mode,4.0003=Mode:4-->PROPOSAL\_CONSENSUS

I\*\*\*(RemoteCallInitiated) ([1, 2],Mode).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([4.0003, Mode:4, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([4.0003, Mode:4, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,4.0003=Mode:4:SUCCESS

I\*\*\*(ReceivedCallInitiated) 3-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([4.0003, Mode:4, SUCCESS])

I\*\*\*(ProposalAcceptedNotificationReceived) 3--> Mode,4.0003=Mode:4:SUCCESS

I\*\*\*(ReceivedCallInitiated) 2-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([4.0003, Mode:4, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 2--> Mode,4.0003=Mode:4:SUCCESS

PerformingTwoCommands: CentralizedSynchrnous

I\*\*\*(ProposalMade) Mode,5.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,5.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,5.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([5.0003, move 2 0])

I\*\*\*(ProposalAcceptRequestReceived) 1--> Mode,5.0003=move 2 0

I\*\*\*(ProposalAcceptedNotificationSent) Mode,5.0003=move 2 0-->SUCCESS

I\*\*\*(RemoteCallInitiated) (1,Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([5.0003, move 2 0, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([5.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,5.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,5.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,5.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalMade) Mode,6.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,6.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,6.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([6.0003, move 2 0])

I\*\*\*(ProposalAcceptRequestReceived) 1--> Mode,6.0003=move 2 0

I\*\*\*(ProposalAcceptedNotificationSent) Mode,6.0003=move 2 0-->SUCCESS

I\*\*\*(RemoteCallInitiated) (1,Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([6.0003, move 2 0, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([6.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,6.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,6.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,6.0003=move 2 0-->PROPOSAL\_CONSENSUS

CentralizedSynchronous: 50

Testing: CentralizedAsynchronous

I\*\*\*(ProposalMade) Mode,7.0003=Mode:3

I\*\*\*(RemoteProposeRequestSent) Mode,7.0003=Mode:3

I\*\*\*(ProposalWaitStarted) Mode,7.0003=Mode:3

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([7.0003, Mode:3])

I\*\*\*(ProposalAcceptRequestReceived) 1--> Mode,7.0003=Mode:3

I\*\*\*(ProposalAcceptedNotificationSent) Mode,7.0003=Mode:3-->SUCCESS

I\*\*\*(RemoteCallInitiated) (1,Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([7.0003, Mode:3, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([7.0003, Mode:3, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,7.0003=Mode:3:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,7.0003=Mode:3-->PROPOSAL\_CONSENSUS

Paxos Mode Changed to: CentralizedAsynchronous

I\*\*\*(ProposalWaitEnded) Mode,7.0003=Mode:3-->PROPOSAL\_CONSENSUS

PerformingTwoCommands: CentralizedAsynchronous

I\*\*\*(ProposalMade) Mode,8.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,8.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,8.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([8.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,8.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,8.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,8.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalMade) Mode,9.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,9.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,9.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([9.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,9.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,9.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,9.0003=move 2 0-->PROPOSAL\_CONSENSUS

CentralizedAsynchronous: 58

Testing: NonAtomicSynchronous

I\*\*\*(ProposalMade) Mode,10.0003=Mode:2

I\*\*\*(RemoteProposeRequestSent) Mode,10.0003=Mode:2

I\*\*\*(ProposalWaitStarted) Mode,10.0003=Mode:2

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([10.0003, Mode:2, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,10.0003=Mode:2:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,10.0003=Mode:2-->PROPOSAL\_CONSENSUS

Paxos Mode Changed to: NonAtomicSynchronous

I\*\*\*(ProposalWaitEnded) Mode,10.0003=Mode:2-->PROPOSAL\_CONSENSUS

PerformingTwoCommands: NonAtomicSynchronous

I\*\*\*(ProposalMade) Mode,11.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,11.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,11.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([11.0003, move 2 0])

I\*\*\*(ProposalAcceptRequestReceived) 1--> Mode,11.0003=move 2 0

I\*\*\*(ProposalAcceptedNotificationSent) Mode,11.0003=move 2 0-->SUCCESS

I\*\*\*(RemoteCallInitiated) (1,Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([11.0003, move 2 0, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([11.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,11.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,11.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,11.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalMade) Mode,12.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,12.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,12.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([12.0003, move 2 0])

I\*\*\*(ProposalAcceptRequestReceived) 1--> Mode,12.0003=move 2 0

I\*\*\*(ProposalAcceptedNotificationSent) Mode,12.0003=move 2 0-->SUCCESS

I\*\*\*(RemoteCallInitiated) (1,Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([12.0003, move 2 0, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([12.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,12.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,12.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,12.0003=move 2 0-->PROPOSAL\_CONSENSUS

NonAtomicSynchronous: 52

Testing: NonAtomicAsynchronous

I\*\*\*(ProposalMade) Mode,13.0003=Mode:1

I\*\*\*(RemoteProposeRequestSent) Mode,13.0003=Mode:1

I\*\*\*(ProposalWaitStarted) Mode,13.0003=Mode:1

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.synchronous.sequential.Acceptor.accept(float,java.lang.Object)([13.0003, Mode:1])

I\*\*\*(ProposalAcceptRequestReceived) 1--> Mode,13.0003=Mode:1

I\*\*\*(ProposalAcceptedNotificationSent) Mode,13.0003=Mode:1-->SUCCESS

I\*\*\*(RemoteCallInitiated) (1,Mode).public abstract void consensus.synchronous.sequential.Accepted.accepted(float,java.lang.Object,consensus.ProposalFeedbackKind)([13.0003, Mode:1, SUCCESS])

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([13.0003, Mode:1, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,13.0003=Mode:1:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,13.0003=Mode:1-->PROPOSAL\_CONSENSUS

Paxos Mode Changed to: NonAtomicAsynchronous

I\*\*\*(ProposalWaitEnded) Mode,13.0003=Mode:1-->PROPOSAL\_CONSENSUS

PerformingTwoCommands: NonAtomicAsynchronous

I\*\*\*(ProposalMade) Mode,14.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,14.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,14.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([14.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,14.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,14.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,14.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalMade) Mode,15.0003=move 2 0

I\*\*\*(RemoteProposeRequestSent) Mode,15.0003=move 2 0

I\*\*\*(ProposalWaitStarted) Mode,15.0003=move 2 0

I\*\*\*(ReceivedCallInitiated) 1-->(consensus.paxos.sequential.ASequentialPaxosConsensusMechanism@20923380).public abstract void consensus.asynchronous.sequential.Learner.learn(float,java.lang.Object,consensus.ProposalFeedbackKind)([15.0003, move 2 0, SUCCESS])

I\*\*\*(ProposalLearnNotificationReceived) 1--> Mode,15.0003=move 2 0:SUCCESS

I\*\*\*(ProposalStateChanged) Mode,15.0003=move 2 0-->PROPOSAL\_CONSENSUS

I\*\*\*(ProposalWaitEnded) Mode,15.0003=move 2 0-->PROPOSAL\_CONSENSUS

NonAtomicAsynchronous: 59