

Factorial

- *Technologies* - Akka, RabbitMQ, Kryo, ScalaTest, Sbt
- *Monitoring* - Kamon, VisualVM, Sematext
- *Projects* - cluster, core, masternode, seednode, workernode in a multi-project Sbt project.

Factorial

- *Actors* - Queue, Broker, Master, Worker
- *Routers* - WorkerRouter
- *Connectors* - QueueConnector
- *Messages* - Command, Event, State

Factorial

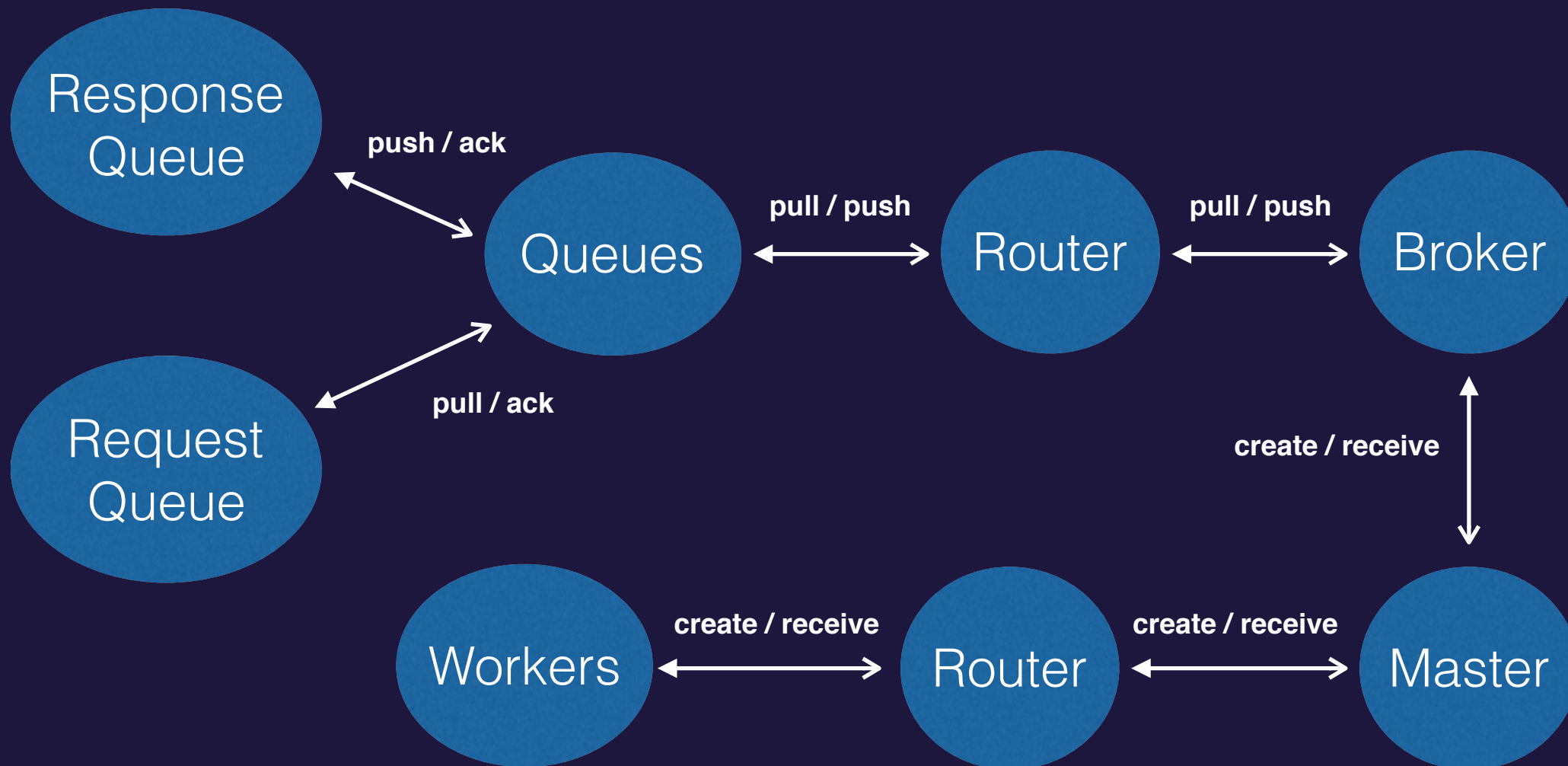
- *Commands* - GetFactorial, DoFactorial
- *Events* - FactorialDone, FactorialTimedOut, FactorialFailed
- *State* - Id, Factorial

Factorial

- *Cluster* - ClusterEventListener, ClusterMetricsListener, Node
- *Nodes* - SeedNode, MasterNode, WorkerNode

All nodes extend Node - a configurable App.

Abstract



Factorial

- Deployment requires at least 2 seed, 1 master and 2 worker nodes.
- Increase parallelization by adding master and worker nodes.