

# Assignment 2

## Sender

1. Retrieve proxy of *receiver* ActorRef by looking it up
2. Use kryo to serialize the message and get a byte array
3. Group this byte array into groups of 100 bytes
4. Use akka.streams - actorRefWithBackpressure - to send data groups in msgs
  - a. Acknowledgements for messages
  - b. StreamCompleted event

## Receiver

1. Receive StreamInitialized msg
2. Keep data that is send via msg in a buffer
3. Once StreamCompleted is received, deserialize the buffer to form a msg
4. Send message to original receiver