Team BlockchainOnAkka: LargeMessageProxy

We use Akka Streams.

IF YOU COULD PROXY THIS MESSAGE

THAT'D BE GREAT

sending data over the network

is faster than compressing it

I am once again asking
for Kryo to support Akka Streams

MessageOffer

-sourceRef:
SourceRef<ByteString>
-sender: ActorRef
-receiver: ActorRef

Sender

LargeMessage<T>

-originalMessage:: T
-receiver: ActorRef

LMP (A)

Kryo Serialization
of T

feed
ByteString(s)

LMP (B)

Kryo
Deserialization of
(merged)
ByteStrings to
Message T

pull
ByteString(s)

T

From: Sender

Receiver

AkkaStream of
compressed
ByteString(s)

STREAMREF TO KRYOSERIALIZER

I'm about to end this man's whole career

AKKA WHEN USING KRYO

WARNING: AN
ILLEGAL REFLECTIVE
ACCESS
OPERATION HAS OCCURRED