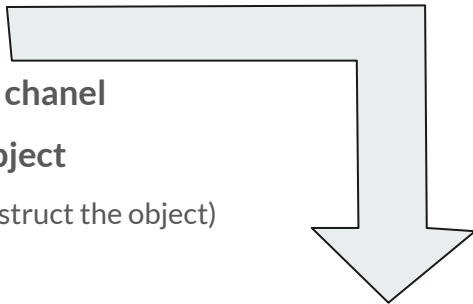


# Homework: Akka “Large Messaging” using Artery

By Wild Catz

- **Serialize the LargeMessage<?>**
  - Using *kryo*
  - Save *serializerID* and manifest for deserialization (*serializedByteMessage*)
- **Send the *serializedByteMessage* via LargeMessageProxy using Artery side channel**
- **LargeMessageProxy receives the message and reconstructs the original object**
  - Deserialize using *kryo* given the information from the *serializedByteMessage* (reconstruct the object)
  - Forward the reconstructed object to the receiver (the actual Actor)



```
@Data @NoArgsConstructor @AllArgsConstructor
public static class serializedByteMessage implements Serializable {
    private static final long serialVersionUID = 2237807743872319842L;
    private byte[] bytes;
    private ActorRef sender;
    private ActorRef receiver;
    private int serializerID;
    private String manifest;
}
```