

Name:

Serialization Assignment Demo Rubric

Serialization functionalities demo: (__ / 25)

- Demonstrate that the following works correctly by running `examples.serialization.SerializationTester`: (__ / 24)
 - Correctly serializes base classes (7)
 - Correct dispatching based on class name [use breakpoints to show both serialization of class names and values] (7)
 - Correctly serializes the null object (1)
 - Correctly serializes enum, array, bean, and list (4)
 - Correctly serializes a non-tree data structure (5)
- Demonstrate that the data can be deserialized into a different class implementing the same interface (1)

Switch between the custom serializer with your `stringBuffer` serializer and `byteBuffer` serializer (__ / 10)

- Use tracing to show the three serializers work correctly (9)
- Compare the size of the byte buffers created by the three schemes (1)

Custom serializers in simulations (__ / 3)

- Show code used to generate the 500 commands for simulation (1)
- Show timing results of running the halloween simulation with the default GIPC implementation and the two serialization schemes created (2)

Total : _____ / 38

Notes and Other Comments