



# Java Serialization and Deserialization





```
class MyClass implements Serializable {  
    private static final long serialVersionUID = 1L;  
  
    private String message;  
  
    public MyClass(String message) {  
        this.message = message;  
    }  
}
```





# Serialize to file



```
MyClass original = new MyClass("Hello, serialization!");
try (ObjectOutputStream out =
        new ObjectOutputStream(
            new FileOutputStream("data.ser"))) {
    out.writeObject(original);
}
```





# Deserialize from file



```
try (ObjectInputStream in =  
        new ObjectInputStream(  
            new FileInputStream("data.ser"))){  
    MyClass restored = (MyClass) in.readObject();  
}
```

