



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();  
}
```

