Сериализация

import java.io.Serializable;

public class Cat implements Serializable {

private String name;

public Cat(String name) {

this.name = name;

}

}

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

import java.io.ObjectInputStream;

import java.io.ObjectOutputStream;

public class SerializeCat {

private static final String FILE\_NAME = "testSer.ser";

public static void main(String[] args) {

serialize();

Cat cat = deserialize();

}

private static Cat deserialize() {

Cat cat = null;

try (FileInputStream fis = new FileInputStream(FILE\_NAME);

ObjectInputStream ois = new ObjectInputStream(fis)) {

cat = (Cat) ois.readObject();

} catch (IOException | ClassNotFoundException e) {

System.out.println(e.getMessage());

}

return cat;

}

private static void serialize() {

Cat cat = new Cat("Барсик");

try (FileOutputStream fs = new FileOutputStream(FILE\_NAME);

ObjectOutputStream os = new ObjectOutputStream(fs)) {

os.writeObject(cat);

} catch (IOException e) {

System.out.println(e.getMessage());

}

}

}