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package: adapter
BuildAuto Class
extends proxyAutomobile and implements CreateAuto, UpdateAuto, FixAuto

CreateAuto Interface
public void BuildAuto(String filename)
public void printAuto(String Modelname)

UpdateAuto Interface
public void updateOptionSetName(String Modelname, String OptionSetName, String newName);
public void updateOptionPrice(String Modelname, String Optionname, String Option, float
newprice);

ProxyAutomobile abstract class
private Automobile
private ArrayList<OptionSet> opset
public ProxyAutomobile() a1=new Automobile(),opset=new ArrayList<OptionSet>()
String filename
public void BuildAuto(String filename)
FileReader file = new FileReader (filename)
BufferedReader buff = new BufferedReader(file)
int counter
boolean eof
public void printAuto(String Modelname)
public void updateOptionSetName(String Modelname, String OptionSetName, String newName)
public void updateOptionPrice(String Modelname, String Optionname, String Option, float newprice)
public String serializeFile(Automobile car)
public Automobile deserializeFile(String filename)
public void fix(int errorno)
FixAuto interface
public void fix(int errorno)

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Package: exception
public class AutoException extends Exception
private int errorno
private String errmsg
public void WriteLog(String errmsg, int errno)
public AutoException()
public AutoException(String errmsg)
public AutoException(int errorno)
public AutoException(int errorno, String errmsg)
public void printmyproblem()

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Package: driver
Public class Driver
BuildAuto() A1
BuildAuto() A2

Package: util
Public Class FileIO implements Serializable
private boolean DEBUG
private Automobile data
public FileIO()

public boolean isDEBUG()
public void setDEBUG(boolean debug)
public Automobile getData()
public void setData(Automotive data)
public Automotive buildAutoObject(String filename)
public String serializeFile(Automotive car)
public deserializeFile(String filename)

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Package: model
public class Automotive implements Serializable
private float baseprice
private ArrayList<OptionSet> opset
private boolean DEBUG
public Automotive()
public Automotive(String name, float baseprice)
public String getName()
public float getBaseprice()
public boolean isDEBUG()

public ArrayList<OptionSet> getOpset()
public OptionSet getOpset(int index)
public boolean inOpset(String name)
public Option findOption(OptionSet o, String optionName)
public void setName(String name)
public void setBasePrice(float baseprice)
public void setDEBUG(boolean debug)
public void setOpset(ArrayList<OptionSet> opset)
public void addOptionSet(String name)
public void addOption(String opsetName, String name, float price)
public void deleteOption(int setIndex, int optIndex)
public void deleteOptionSet(int index)
public void updateOption(OptionSet o, String curName, String newName, float newPrice)
public void updateOptionset(String curName, String newName)
public void print()

public class OptionSet implements Serializable
private String name
private ArrayList<Option> opt
protected OptionSet()
protected OptionSet(String name)
protected ArrayList<Option> getOpt()
protected String getName()
protected void setName(String name)
protected void setOpt(ArrayList)
protected void print()

Protected class Option implements Serializable
private String name
private float price
protected Option()
protected Option(String name, float price)
protected String getName()
protected float getPrice()
protected void setPrice(float price)
protected void setName(String name)
protected void print()

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