

Package: exception BuildAuto Class extends proxyAutomobile and implements CreateAuto, UpdateAuto, FixAuto, EditThread	Package: exception public class AutoException extends Exception private int errorNo private String errorMsg public void writeLog(String errorMsg, int errorNo) public AutoException() public AutoException(String errorMsg) public AutoException(int errorNo) public AutoException(int errorNo, String errorMsg) public void printMyProblem() public String fix(int errorNo) public AutoException(int errorNo, String errorMsg, int index, Automobile a) private Automobile a private int index public int getError() public void setError(int errorNo) public String getErrorMsg() public void setErrorMsg(String errorMsg) public Automobile getAuto() public void setAuto(Automobile a) public int getErrorIndex() public void setErrorIndex(int index) Package: Scala public interface EditThread public void EditOption(Automobile a1, String opsetOptName, String newOptName, String optName, float newPrice) public class EditOptions extends proxyAutomobile implements Runnable public static int threadCount public static Automobile a1 public String make public String model public String opsetName public String optName public String newOptName public float newPrice public EditOptions() public EditOptions(Automobile a1, String opsetOptName, String newOptName, String optName, float newPrice) public synchronized void run() Package: driver Public class Driver DefaultSocketClient dsc1 Package: serverlet public class SelectAuto extends HttpServlet implements ServletAuto private static final long serialVersionUID private Socket sock private ObjectOutputStream in private ObjectOutputStream out private String strHost private int iPort protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException public void establishConnection() public void sendOutput(Object obj) public class FinishedAuto extends HttpServlet implements ServletAuto private static final long serialVersionUID private Socket sock private ObjectOutputStream in private ObjectOutputStream out private String strHost private int iPort public ViewCars() protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException public void establishConnection() public void sendOutput(Object obj)	Package: client public class SelectCarOption private boolean DEBUG public SelectCarOption public void configureAuto(Object obj) public boolean isAutomobile(Object obj) public class CarModelOptionIO public CarModelOptionIO() public Object loadPropFile(String filename) public Object loadDefaultFile(String filename) Package: DefaultSocketClient extends Thread private ObjectOutputStream out private ObjectInputStream in private BufferedInputStream stdin private Socket sock private String strHost private int iPort private CarModelOptionIO clientFTP private SelectCarOption clientProtocol private boolean DEBUG public void establishConnection() public void handleConnection() sendOutput(Object obj) public void run() Package: util Public Class FileIO implements Serializable private boolean DEBUG private Automobile data private String filename public FileIO(String filename, Automobile data) public FileIO(Automobile data) public FileIO() public boolean isDEBUG() public void setDEBUG(boolean debug) public Automobile getData() public void setData(Automobile data) public Automobile loadTxtData(String txt) throws AutoException public Automobile readPropData(String filename) throws IOException public Automobile loadPropData(Properties props) public Automobile buildAutoObject(String filename, String fileType) Throws AutoException, IOException public Automobile buildAutoObject(String filename) Throws AutoException private String serializeFile(Automobile car) public deserializeFile(String filename)	Package: model public class Automobile implements Serializable private ArrayList<OptionSet> choice public String getOptionChoice(String name) public Integer getOptionChoicePrice(String name) public int getTotalPrice() public String getModel() public void setMake(String make) public void setModel(String model) public void setOptionChoice(String setName, String optionName) private float basePrice private ArrayList<OptionSet> opset private boolean DEBUG public Automobile() public Automobile(String make, String model, float basePrice) public String getMake() public float getBasePrice() public boolean isDEBUG() public ArrayList<OptionSet> getOpset() public OptionSet getOpset(int index) public boolean isOpset(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 opsetOptName, String name, float price) public void deleteOption(int selectedIndex, int optIndex) public void deleteOptionSet(int index) public void updateOption(OptionSet o, String currName, String newName, float newPrice) public void updateOptionSet(String currName, String newName) public void print() public String getOptionName(int opsetIndex, int optionIndex) public float getOptionPrice(int opsetIndex, int optionIndex) public String getOptionSetName(int index) Package: serverlet public interface ServletAuto public void establishConnection(); public void sendOutput(Object obj); public class ViewCars extends HttpServlet implements ServletAuto private static final long serialVersionUID private Socket sock private ObjectInputStream in private ObjectOutputStream out private String strHost private int iPort public ViewCars() protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException public void establishConnection() public void sendOutput(Object obj) public class ConfigureAuto extends HttpServlet implements ServletAuto private static final long serialVersionUID private Socket sock private ObjectInputStream in private ObjectOutputStream out private String strHost private int iPort public ViewCars() protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException public void establishConnection() public void sendOutput(Object obj)	Package: model 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 setName(String name) protected void setPrice(float price) Public class AutomobileLinkedHashMap private Automobile data private int Key public static LinkedHashMap<Integer, Automobile> garageObjects public static LinkedHashMap<Integer, String> garageNames public AutomobileLinkedHashMap() public AutomobileLinkedHashMap(Automobile data) public AutomobileLinkedHashMap(Automobile data, int key) public static LinkedHashMap<Integer, Automobile> getGarageObjects() public static LinkedHashMap<Integer, String> getGarageNames() public static Automobile getObject(int key) public String getName(int key) public static void addNewCar(Automobile data) public void deleteCar(int key) public void updateCarData(int key, Automobile newData) public void printObjects() public void printNames()
CreateAuto Interface public void BuildAuto(String filename) public void printAuto(String ModName) public void loadString(String txt) throws AutoException				
UpdateAuto Interface public void updateOptionSetName(String ModName, String OptionSetName, String newName); public void updateOptionPrice(String ModName, String OptionName, String Option, float newPrice)				
ProxyAutomobile abstract class private Automobile private String filename proxyAutomobile(String filename) proxyAutomobile() public static LinkedHashMap<Integer, String> getAutomobiles() public static LinkedHashMap<Integer, String> getAutomobileObjects() public void getAuto(int key) public void loadString(String txt) throws AutoException public void setIndex(int index) public void BuildAuto(Properties props) throws AutoException, IOException public void server(int port) public Automobile getAuto() public void addAuto(Automobile auto) throws AutoException public LinkedHashMap<Integer, String> listAutos() public static Automobile getHMAuto(int key) public synchronized void EditOption(Automobile a1, String opsetOptName, String newOptName, String optName, float newPrice) throws InterruptedException EditOptions edit Thread thread public void updateOption(int CarCount, String make, String model, String opsetOptName, String optName, String newOptName, float newPrice) public void updateOption(String ModName, String opsetOptName, String optionName, String newoptName, float newPrice) private ArrayList<OptionSet> opset public ProxyAutomobile() public ProxyAutomobile(String filename) String filename public void BuildAuto(String filename) throws AutoException public String fix(AutoException e) public void chooseOptions() int counter boolean eof public void printAuto(String ModName) public void updateOptionSetName(String ModName, String OptionSetName, String newName) public void updateOptionPrice(String ModName, String OptionName, String Option, float newPrice) public String serializeFile(Automobile car) public Automobile deserializeFile(String filename) public void fix(int errorNo) FileIO buildObject(filename, a1)	Package: driver Public class Driver DefaultSocketClient dsc1 Package: serverlet public class SelectAuto extends HttpServlet implements ServletAuto private static final long serialVersionUID private Socket sock private ObjectOutputStream in private ObjectOutputStream out private String strHost private int iPort protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException public void establishConnection() public void sendOutput(Object obj) public class FinishedAuto extends HttpServlet implements ServletAuto private static final long serialVersionUID private Socket sock private ObjectOutputStream in private ObjectOutputStream out private String strHost private int iPort public ViewCars() protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException public void establishConnection() public void sendOutput(Object obj)			
FixAuto Interface public abstract String fix(AutoException e) throws AutoException				
ChooseAuto Interface public abstract void chooseOptions(Automobile data) throws AutoException				