

Usage

java Driver <inputfile> <serializedOutFile>

Eg. Java Driver ./config ./auto.ser

Design Concept

This project is building a Car Configuration Application.

The car model is constructed as a

Model.Automotive object.

The Driver class is the entry point of application, it reads a text file to build a base object model and archive it using Serialization and also deserialize it.

The Driver class also provide a control console to allow user to test add, update or delete an option methods.

Each Automotive model has a set of OptionSet as properties (Color, Transmission etc.)

Each OptionSet(property) has a set of Options(values and corresponding price)

Model also has a base price.

In terms of class relations , an Automotive will contain a collection of OptionSets and Each OptionSet will contain a collection of Options.

option class is inner class of OptionSet.

Class Diagram



