Class Diagram

<<interface>>java.io.Serializable

Automobile

-serialVersionUID: long
-name: String
-baseprice: float
-Optset: OptionSet[]

+Automobile()
+Automobile(String, float, int)
+getName(): String
+getBaseprice(): float
+getOpset(): OptionSet[]
+setName(name)
+setBaseprice(float)
+setOptset(String,int,int)
+setOpt(String, float, int, int)
+findOptSet(String): OptionSet
+findOpt(String, String): OptionSet.Option
+deleteOptions(String, String)
+deleteOptionSet(String)
+updateOptionSet(String, String)
+updateOption(String, String, String, float)
+print()

OptionSet

-serialVersionUID: long
-name: String
-opt: Option[]

#OptionSet()
#OptionSet(String, int)
#getName():String
$getOpt(): Option[]
#setName(String)
#setOpt(String, float, int)

Option

-serialVersionUID: long
-name: String
-price:float

#Option()
#Option(String,float)
#getName()
#getPrice()
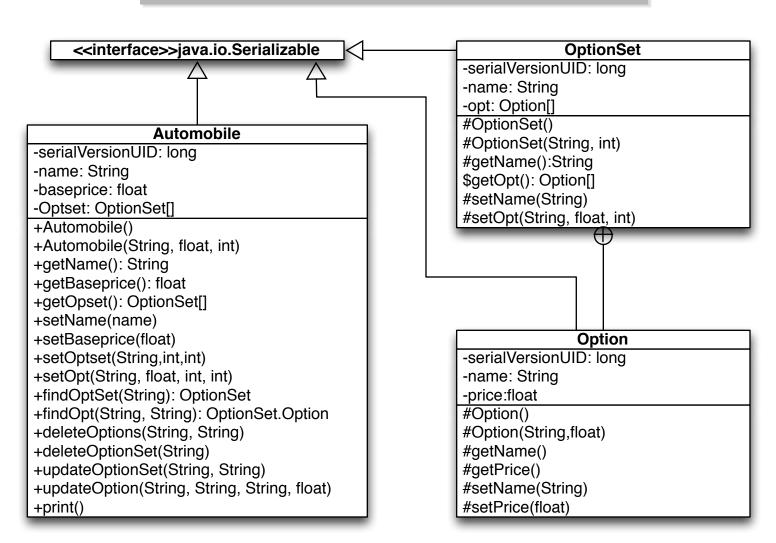#setName(String)
#setPrice(float)

FileIO

+buildAutoOb ject(String):Automobile
+serializeAuto(Automobile)
+deserializeAuto(String):Automobile

Driver

+main(String[]):void