**Driver**

**Core**

**Core**
Package::driver

-pvt. st. Parser fileInputParser
-pbl. st. File baseInputFile

pbl. st. vd. main(String[] args)

Responsibilities

Handles core execution tasks

LEGEND
pvt: Private
pub: Public
pro: Protected
st : Static
fin: Final

**Auto**
Package::data

pvt. st. fin. long serialVersionID
pvt. st. fin. int MAXIMUM_OPTIONSET_ARRAY_SIZE
pvt. OptionSet[] options
pvt. double baseCost
pvt. String name

pro. Getters and Setters for above variables.
constructor(OptionSet[], double, String)
constructor()
pub. void LogVehicle()
pub. void LogVehicle(FileWriter)

Responsibilities
-- acts as the uppermost level storage class

**IO**

**Parser**
**Serializer**

**Parser**
Package::io

pvt. File storageLocation

constructor(Java.io.File)
pro. File getStorageLocation
pub. Auto Parse()

Responsibilities
-- handles text file parsing

**Serializer**
Package::IO

pvt. boolean hasModel;
pvt. Auto modelObject;
pvt. File saveLocation;

constructor(Auto)
constructor(File)
Serialize(File)
Serialize()
deSerialize(File)
deSerialize()
getters

Responsibilities
-- handles serialization tasks

**Data**

**Auto**
**OptionSet**
**++Option**

**Package 1**

-Content 1
+Content 2

**OptionSet**
Package::data

pvt. st. fin. long serialVersionUID
pvt. st. fin. int MAXIMUM_OPTION_ARRAY_SIZE
pvt. Option[] options
pvt. String name

constructor(String, Option[])
constructor(String)
constructor()
pro. checkArray()
pro. getters and setters for member vars

Responsibilities
-- data storage class for arrays of Options

Contains an Array Of

parent class of

**Option**
Package::data
Inner class of OptionSet

pvt. st. fin. long serialVersionUID
pvt. String title
pvt. float cost

constructor(String, Float)
constructor(float)
constructor()
pro. getters and setters for member vars

Responsibilities
-- data storage subclass of OptionSet
stores single Options.