

model package

association containment extension

util package

Additional Abstract class

server package

interfaces constants

client package

Automotive implements Serializable

OptionsSet() sets
String name
int horsepower

all variables private
all methods public

public Automotive()
public Automotive(String name, int hp, int ms)
getters and setters for the following:
name - set returns String
horsepower - " " int
OptionsSet get OptionsSet (int ind)
void setOptionsSet (int ind, String n, int p)
void set Option(int ind, String n, int p)
find and update returns for:
individual Options and Options
OptionsSet delete OptionsSet (int ind)
Options delete Options (int ind)
void print()

FileIO

default constructor
Automotive buildAutomobile(String filename, Automotive, ad)
String[] readTextFile(String filename)
void serializeAuto(Automotive, String filename)
Automotive deserializeAuto(String filename)

driver package

Driver

public static void main (String[] args)

exception package

AEHelper

main method
prints()

AutoException extends Exception

public AutoException()
void printException(int x)
void file (int x)
getters/setters error no
private int i

OptionsSet implements Serializable

OptionsSet() options
String name
int price

all methods private
all methods public
all methods private
all methods public

public OptionsSet(String n, int p)
OptionsSet getOptionsSet()
Options get Option(int ind)
void set Option(int ind, String n, int p)
getters and setters for:
name
options
void print()

Option implements Serializable

String name { private
int price { private
public Option(String n, int p)
getters and setters for:
name
price
void print()

factory package

FactoryAuto interface

buildAuto(String filename)
void printAuto()

FactoryAuto interface

void file (int x)

FactoryAuto interface

void file (int x)

FactoryAuto interface

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FactoryAuto interface

void file (int x)

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FactoryAuto interface

void file (int x)

update package

UpdateAuto interface

void updateOption(int ind, String n, int p)
void "OptionsSet(int, String, int)

UpdateAuto interface

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scale package

AutoHMI class

HMI nameStr, Auto
void add(String n, Auto)
Auto delete("x")
Auto find("x")

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Auto delete("x")
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HMI nameStr, Auto
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AutoHMI class

HMI nameStr, Auto
void add(String n, Auto)
Auto delete("x")
Auto find("x")

edit options class

editOptions()
void editOption(int ind, String n, int p, String n1, String n2)

Helper class

editSync (Auto auto, Thread)
editUnsync (Auto auto, String name, String n1, String n2)

RegularHelp class

run() overridden from Thread

wait help class

run() overridden from Thread

AutoClient class

makeClient() (void)

DefaultSocketClient class

openConnection()
accept()
handleSession()
sendOutput()

DefaultSocketClient

openConnection()
accept()
handleSession()
sendOutput()

AbstractServer

run() extends Thread
AutoServer()
uses constants
AbstractInput (String input)

interfaces constants

client package