UML Diagram Assignment 4 main(String[] args) **KBB** Application By: Branden Lee adapter.buildAuto adapter.ProxyAutomobile model.AutomobileTable automobileTable; util.FileIO autoutil; scale. EditOptions extends Thread ProxyAutomobile() String automobileKey boolean updateOptionSetName(String automobileKey, String optionSetName, String nameNew) String optionSetName boolean updateOptionPrice(String automobileKey, String optionSetName, String optionName, double priceNew) String optionName boolean updateOptionName(String automobileKey, String optionSetName, String optionName, String optionNameNew) String optionNameNew String buildAuto(String filename) int operationNumber boolean printAuto(String automobileKey) int threadNumber boolean serialize(String automobileKey, String fileName) adapter.ProxyAutomobile proxyAutomobile String deserialize(String fileName) String[] inputArguments boolean setOptionChoice(String automobileKey, String optionSetName, String optionName) EditOptions(adapter.ProxyAutomobile proxyAutomobile , int operationNumber , int threadNumber , String[] inputArguments) public String getOptionChoice(String automobileKey, String optionSetName) void run() public Double getOptionChoicePrice(String automobileKey, String optionSetName) public void operation(int operationNumber, String[] inputArguments) model.AutomobileTable util.FileIO Map<String, Automobile> automobileTable void read(String fileName, Automobile autoObj) AutomobileTable() boolean optionSetOptionsProcess(Automobile autoObj, int optionSetObjectIndex, String optionSetOptions) AutomobileTable(int capacitySize) Automobile getByKey(String automobileKey) void serialize(String fileName, Automobile autoObj) Automobile deserialize(String fileName) String getKey(Automobile automobileObject) String insertOverwrite(Automobile automobileObject void print() String toString() String insertWrapper(Automobile automobileObject) boolean insert(String automobileKey, Automobile au void print() String to String() model.Automobile.OptionSet model.Automobile static final long serialVersionUID static final long serialVersionUID String makeName ArrayList<Option> optionList String optionSetName String modelName String year OptionSet() double basePrice OptionSet(String name, int size) ArrayList<OptionSet> optionSetList void init() ArrayList<Integer> optionSetOptionChoice String getName() exception.AutoException ArrayList<String> optionSetNameReserved Option getOption(int optionIndex) Map<Integer, String> errorMessageTable; Automobile() int length() int errorNumber; Option findOption(String optionName) Automobile(int size) String errorMessage; int findOptionIndex(String optionName) void init() model.Automobile automobileObject; String getMake() void setName(String name) String getModel() int addOption(String optionName, double d Log log; String getYear() AutoException(int errorNumber_) void print() double getPrice() String toString() String fixString(int errorNumber) OptionSet getOptionSet(int OptionSetIndex) String getOptionSetChoiceName(String optionSetName) Double getOptionSetChoicePrice(String optionSetName) exception.FixAutomobileTable OptionSet.Option getOptionSetChoiceByIndex(int optionSetIndex) model.Automobile.OptionSet.Option String getOptionSetOptionName(String optionSetName, String optionName) Double getOptionSetOptionPrice(String optionSetName, String optionName) static final long serialVersionUID String code500(model.Automobile automobileObject) boolean isOptionSetReserved(OptionSet optionSetObject) String optionName boolean isOptionSetNameReserved(String optionSetName) double price OptionSet findOptionSet(String optionSetName) Option() OptionSet.Option findOptionSetOption(int OptionSetIndex, String optionName) Option(String name, double price_) int findOptionSetIndex(String optionSetName) String getName() exception.Log int findOptionSetOptionIndex(int OptionSetIndex, String optionName) double getPrice() PrintWriter writer int addOptionSet(String OptionSetName) void setName(String name) int addOptionSetOption(int optionSetIndex, String optionName, double optionPrice) void error(String str) void setPrice(double price_) void setMake(String name) void warning(String str) void print() void setModel(String name) String toString() void setYear(String name) void setPrice(double price_) boolean setOptionSetName(String optionSetName, String nameNew) boolean setOptionSetOptionNameReserved(String optionSetName, String optionName) boolean setOptionSetOptionName(String optionSetName, String optionName, String nameNew) boolean setOptionSetOptionPrice(String optionSetName, String optionName, double priceNew) boolean setOptionSetChoiceByIndex(int optionSetIndex, int optionIndex) boolean setOptionSetChoice(String optionSetName, String optionName)

KBB::Driver

void print()

String toString()