



Car

Frame* itsFrame_ Engine* itsEngine_ Battery* itsBattery_

FactoryManager

FrameFactory itsFrameFactory_ EngineFactory itsEngineFactory_ BatteryFactory itsBatteryFactory_ CarFactory itsCarFactory_ Warehouse itsWarehouse_

void produceFrame() void produceEngine() void produceBattery() void produceAllParts() bool produceCar() int getEngineNumber() int getFrameNumber() int getBatteryNumber() int getCarNumber()

Warehouse

forward_list<Frame*> frames_ forward_list<Engine*> engines_ forward_list<Battery*> batteries_ forward_list<Car*> cars_ int numOfFrames_ int numOfEngines_ int numOfBatteries_ int numOfCars_

Frame* getFrame()

Engine* getEngine()
Battery* getBattery()
Car* getCar()
void addFrame(Frame*)
void addEngine(Engine*)
void addBattery(Battery*)
void addCar(Car*)
bool enoughPartsToProduceCar()
int getFrameNumber()
int getEngineNumber()
int getBatteryNumber()
int getCarNumber()
void clearList_(forward_list)