**体系结构原型代码**

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# 1.BLService接口

## 1.1 CommodityblService

### 1.1.1 驱动程序：

public cl9ass CommodityblService\_Driver{

public static void main(String[] args){

CommodityblService commodityController = new CommodityController();

CommodityblService\_Driver drive = new CommodityblService\_Driver(commodityConrtoller);

Driver.drive(commodityController);

}

public void drive(CommodityblService commodityblService){

String str=null;

Str=commodityblService.addCommodity(“1”,”2”);

System.out.println(str);

Str=commodityblService.delCommodity(“1”,”2”);

System.out.println(str);

Str=commodityblService.updateCommodity(“1”,”2”,”3”,”4”);

System.out.println(str);

CommodityPO com=commodityblService.searchCommodity(“123”);

If(com!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=commodityblService.addSort(“123”);

System.out.println(str);

Str=commodityblService.delSort(“123”);

System.out.println(str);

Str=commodityblService.updateSort(“123”,”456”);

System.out.println(str);

CommodityVO[] com=commodityblService.examine(“1111/1/1”,”3333/3/3”);

If(com!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

CommodityVO[] com=commodityblSerive.Inventory();

If(com!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=commodityblService.addGift(“123”,”456”);

System.out.println(str);

Str=commodityblService.delGift(“123”,”456);

System.out.println(str);

Str=patch(“123”,”456”,20);

System.out.println(str);

Str=warn(“123”,”456”,20);

System.out.println(str);

}

}

### 1.1.2 桩程序：

Public class CommodityblService\_Stub implements CommodityblServiec{

public String addCommodity(String name, String type) {

return true;

}

public String addCommodity(String name, String type, int in\_price,

int out\_price) {

return true;

}

public String delCommodity(String name, String type) {

return true;

}

public String updateCommodity(String name, String type, int in\_price,

int out\_price) {

return true;

}

public String searchCommodity(String word) {

return “搜索结果”;

}

public String addSort(String name) {

return true;

}

public String delSort(String name) {

return true;

}

public String updateSort(String name1, String name2) {

return true;

}

public String Examine(String time1, String time2) {

CommodityVO[] com=new CommmodityVO[1];

Com.[0]= new CommodityVO(“123”,”456”);

return com;

}

public CommodityVO Iventory() {

CommodityVO[] com=new CommmodityVO[1];

Com.[0]= new CommodityVO(“123”,”456”);

return com;

}

public String addGift(String name, String type) {

return true;

}

public String delGift(String name, String type) {

return true;

}

public String patch(String name, String type, int number) {

return true;

}

public String warn(String name, String type, int number) {

return true;

}

}

## 1.2. AccountblService

### 1.2.1驱动程序：

public class AccountblService\_Driver{

public static void main(String[] args){

AccountblService accountController = newAccountController();

AccountblService\_Driver drive = new AccountblService\_Driver(accountConrtoller);

Driver.drive(AccountController);

}

public void drive(AccountblService accountblService){

String str=null;

If(accountblService.checkAccount!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=accountblService.add(“name”,1000);

System.out.println(str);

Str=accountblService.del(“name”);

System.out.println(str);

Str=accountblService.updateAccount(“name\_old”,”name\_new”);

System.out.println(str);

If(accountblService.searchAccount(“word”)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=accountblService.addReceipt(“customer\_name”,”clerk”,”account\_name”,1000,1000,”ps”);

System.out.println(str);

Str=accountblService.addPayment(“customer\_name”,”clerk”,”account\_name”,1000,1000,”ps”);

System.out.println(str);

}

### 1.2.2桩程序：

Public class AccountblService\_Stub implements AccountblServiec{

public String checkAccount() {

// TODO Auto-generated method stub

AccountVO acc=new Account(“name”,1000);

return acc;

}

public String addAccount(String name, int money) {

return true;

}

public String delAccount(String name) {

return true;

}

public String updateAccount(String name1, String name2) {

return true;

}

public String searchAccount(String word) {

AccountVO acc=new AccountVO(word,1000);

return acc;

}

public String addReceipt(String customer\_name, String clerk,

String account\_name, int money, int all\_money, String ps) {

return true;

}

public String addPayment(String customer\_name, String clerk,

String account\_name, int money, int all\_money, String ps) {

return true;

}

}

## 1.3 FinancialblService

### 1.3.1 驱动程序：

public class FinancialblService\_Driver{

public static void main(String[] args){

FinancialblService financialController = new financialController();

FinancialblService\_Driver drive = new FinancialblService\_Driver(financialConrtoller);

Driver.drive(FinancialtController);

}

public void drive(FinancialblService financialblService){

String str=null;

If(financialblService.saleList(null,null,”com\_name”,”com\_type”,“cus\_name”,”clerk”,1)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(financialblService.allBill(“1111/1/1”,“3333/3/3”,”Sale”,“cus\_name”,”clerk”,1)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(financialblService.operatingCondition(“1111/1/1”,”3333/3/3”)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

}

}

### 1.3.2桩程序:

Public class FinancialblService\_Stub implements FinancialblServiec{

public String saleList(String time1, String time2, String com\_name,String com\_type, String cus\_name, String clerk, int house) {

Return “Successed”;

}

public String allBill(String time1, String time2, String note\_type, String cus\_name, String clerk, int house) {

Return “Successed”;

}

public String operatingCondition(String time1, String time2) {

return “Successed”;

}

}

## 1.4 InitializationblService

### 1.4.1 驱动程序：

public class InitializationblService\_Driver{

public static void main(String[] args){

InitializationblService initializationController = new initializationController();

InitializationService drive = new InitializationblService\_Driver(initializationConrtoller);

Driver.drive(InitializationController);

}

public void drive(InitializationblService initializationblService){

String str=null;

Str= initialization.newSystem();

System.out.println(str);

Str= initialization.addCommodity(“name”,”type”,50,60);

System.out.println(str);

Str= initialization.addCustomer(“name”,”phone”);

System.out.println(str);

Str= initialization.addAccount(“name”,1000);

System.out.println(str);

If(initialization.showInformation()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

}

}

### 1.4.2桩程序：

Public class InitializationblService\_Stub implements InitializationblServiec{

public String newSystem() {

return “Successed”;

}

public String addCommodity(String name, String type, int in\_price,

int out\_price) {

return “Successed”;

}

public String addCustomer(String name, String phone) {

return “Successed”;

}

public String addAccount(String name, int money) {

return “Successed”;

}

public String showInformation() {

InitializationVO init=new InitializationVO();

return init;

}

}

## 1.5 InvoiceblService

### 1.5.1 驱动程序：

public class InvoiceblService\_Driver{

public static void main(String[] args){

InvoiceblService invoiceController = new invoiceController();

InvoiceblService drive = new InvoiceblService\_Driver(invoiceConrtoller);

Driver.drive(InvoiceController);

}

public void drive(InvoiceblService invoiceService){

String str=null;

Str=InvoiceService.show();

System.out.println(str);

Str=InvoiceService.pass(1);

System.out.println(str);

Str=InvoiceService.refuse(1);

System.out.println(str);

GiftPO gift=new GiftPO(“name”,”type”,10);

Str=InvoiceService.add(gift);

System.out.println(str);

ImportPO imp=new ImportPO(1);

Str=InvoiceService.add(imp);

System.out.println(str);

Import\_ReturnPO imp\_re=new Import\_ReturnPO(1);

Str=InvoiceService.add(imp\_re);

System.out.println(str);

ExportPO exp=new ExportPO(1)

Str=InvoiceService.add(exp);

System.out.println(str);

Export\_ReturnPO exp\_re=new Export\_Return(1);

Str=InvoiceService.add(exp\_re);

System.out.println(str);

ReceiptPO rec=new ReceiptPO()

Str=InvoiceService.add(rec);

System.out.println(str);

PaymentPO pay=new PaymentPO();

Str=InvoiceService.add(pay);

System.out.println(str);

}

}

### 1.5.2 桩程序：

Public class InvoiceblService\_Stub implements InvoiceblServiec{

public String show() {

return “Show Information”;

}

public String pass(int note) {

return “Successed”;

}

public String refuse(int note) {

return “Successed”;

}

public String add(GiftPO po) {

return “Successed”;

}

public String add(ImportPO po) {

return “Successed”;

}

public String add(ExportPO po) {

return “Successed”;

}

public String add(Import\_ReturnPO po) {

return “Successed”;

}

public String add(Export\_ReturnPO po) {

return “Successed”;

}

public String add(ReceiptPO po) {

return “Successed”;

}

public String add(PaymentPO po) {

return “Successed”;

}

}

## 1.6 PromotionblService

### 1.6.1 驱动程序：

public class PromotionblService\_Driver{

public static void main(String[] args){

PromotionblService promotionController = new promotionController();

PromotionblService drive = new PromotionblService\_Driver(promotionConrtoller);

Driver.drive(PromotionController);

}

public void drive(PromotionblService promotionService){

String str=null;

Str=promotionService.makeDiscount(100,10,1000,”1111/1/1”,”3333/3/3”);

System.out.println(str);

Str=promotionService.makeGift(100,”1111/1/1”,”3333/3/3”);

System.out.println(str);

Str=promotionService.delPromotion(1);

System.out.println(str);

Str=promotionService.search(“word”);

System.out.println(str);

Str=promotionService.makeOther(“Other”);

System.out.println(str);

}

}

### 1.6.2 桩程序：

Public class PromotionblService\_Stub implements PromotionblServiec{

public String makeDiscount(int start\_money, int discount, int end\_money,

String time1, String time2) {

Return “Successed”;

}

public String delPromotion(String note) {

Return “Successed”;

}

public String makeGift(int start\_money, String time1, String time2) {

Return “Successed”;

}

public String search() {

Return “搜索结果”;

}

public String makeOther(String word) {

Return “Successed”;

}

}

## 1.7SalesblService

### 1.7.1 驱动程序：

public class SalesblService\_Driver{

public static void main(String[] args){

SalesblService salesController = new salesController();

SalesblService drive = new SalesblService\_Driver(salesConrtoller);

Driver.drive(SalesController);

}

public void drive(SalesblService salesService){

String str=null;

Str=salesService.addCustomer(“xx”,10,1000,”xxxxxx”,”xxxxx”,100,”xxxx”);

System.out.println(str);

Str=salesService.delCustomer(“xx”);

System.out.println(str);

Str=salesService.updateCustomer(“xx”,10,1000,”xxxxxx”,”xxxxx”,100,”xxxx”);

System.out.println(str);

Str=salesService.searchCustomer(“xxx”);

System.out.println(str);

Str=salesService.addImport(“xx”,10,”xxx”,”xxxxxx”,”xxxxx”,100);

System.out.println(str);

Str=salesService.addImport\_Return(“xx”,10,”xxx”,”xxxxxx”,”xxxxx”,100);

System.out.println(str);

Str=salesService.addImport\_Return(“xx”,10);

System.out.println(str);

Str=salesService.addExport (“xx”,10,”xxx”,”xxxxxx”,”xxxxx”,100,10,10);

System.out.println(str);

Str=salesService.addExport\_Return (“xx”,10,”xxx”,”xxxxxx”,”xxxxx”,100,10,10);

System.out.println(str);

Str=salesService.addExport (“xx”,10);

System.out.println(str);

}

}

### 1.7.2 桩程序：

Public class SalesblService\_Stub implements SalesblService{

public String addCustomer(String name, int level, String phone, String zip,String mail, int money, String clerk) {

return "Successed";

}

public String delCustomer(String name) {

return " Successed ";

}

public String updateCustomer(String name, int level, String phone,String zip, String mail, int money, String clerk) {

return " Successed ";

}

public String searchCustomer(String word) {

return "searching result";

}

public String addImport(String name, int warehouse, String good\_name,String good\_type, String ps, int number) {

return " Successed ";

}

public String addImport\_Return(String name, int warehouse,String good\_name, String good\_type, String ps, int number) {

return " Successed ";

}

public String addImport\_Return(String note, int number) {

return " Successed ";

}

public String addExport(String name, int warehouse, String good\_name,String good\_type, String ps, int number, int price, int discount) {

return " Successed ";

}

public String addExport\_Return(String name, int warehouse,String good\_name, String good\_type, String ps, int number,int price, int discount) {

return " Successed ";

}

public String addExport\_Return(String note, int number) {

return " Successed ";

}

## 1.8 SystemlogblService

### 1.8.1 驱动程序

public class SystemlogblService\_Driver{

public static void main(String[] args){

SystemlogblService systemlogController = new systemlogController();

SystemlogblService drive = new SystemlogblService\_Driver(systemlogConrtoller);

Driver.drive(systemlogController);

}

public void drive(SystemlogblService systemlogService){

String str=null;

Str=systemlogService.show();

System.out.println(str);

Str=systemlogService.add(“xx”);

System.out.println(str);

}

}

### 1.8.2 桩程序：

Public class SystemlogblService\_Stub implements SystemlogblService{

public String show() {

return "show results";

}

public String add(String word) {

return "sucessed"; }

}

## 1.9 UserblService

### 1.9.1驱动程序

public class UserService\_Driver{

public static void main(String[] args){

UserblService userController = new userController();

UserblService drive = new UserblService\_Driver(userConrtoller);

Driver.drive(userController);

}

public void drive(UserblService userService){

String str=null;

Str=userService.addUser(“xx”,”xx”,9);

System.out.println(str);

Str=userService.delUser(“xx”);

System.out.println(str);

Str=userService.show();

System.out.println(str);

Str=userService.login(“xxx”,”xxx”);

System.out.println(str);

}

}

### 1.9.2 桩程序

public class UserblService\_stub implements UserblService {

public String addUser(String name, String password, int duty) {

return "successed";

}

public String delUser(String name) {

return "successed";

}

public String show() {

return "searching results";

}

public String login(String name, String password) {

return "successed";

}

}

# 2. DataService接口

## 2.1 CommodityDataService

### 2.1.1驱动程序

public class CommodityDataService\_Driver{

public static void main(String[] args){

CommodityDataService commodityController = new CommodityDataController();

CommodityDataService drive = new CommodityDataService\_Driver(commodityConrtoller);

Driver.drive(commodityController);

}

Public void drive(CommodityDataService commodityService){

int in\_price = 1;//进价

int out\_price = 1;//售价

int note = 1;//编号

int recent\_in\_price = 1;//最近一次进价

int recent\_out\_price = 1;//最近一次售价

int number = 1;//商品数量

boolean str=false;

int level = 1;//分类等级

If(commodityService.findGood(“name”,”type”)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(commodityService.findName(“name”)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(commodityService.findType(“type”)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

CommodityPO commodity = new Commodity(“name”,”type”,in\_price,out\_price,note,

recent\_in\_price, recent\_out\_price,number,false);

SortPO sort = new SortPO(“name”,level);

Str=commodityService.addGood(commodity,sort);

System.out.println(str);

CommodityPO commodity2 = new Commodity(“name”,”type”,in\_price,out\_price,note,

recent\_in\_price, recent\_out\_price,number,false);

Str=commodityService.delGood(commodity2);

System.out.println(str);

CommodityPO commodity3 = new Commodity(“name”,”type”,in\_price,out\_price,note,

recent\_in\_price, recent\_out\_price,number,false);

CommodityPO commodity4 = new Commodity(“name”,”type”,in\_price,out\_price,note,

recent\_in\_price, recent\_out\_price,number,false);

Str=commodityService.updateGood(commodity3 , commodity4);

System.out.println(str);

SortPO sort2 = new SortPO(“name”,level);

Str=commodityService.addSort(sort2);

System.out.println(str);

SortPO sort3 = new SortPO(“name”,level);

Str=commodityService.delSort(sort3);

System.out.println(str);

SortPO sort4 = new SortPO(“name”,level);

SortPO sort5 = new SortPO(“name”,level);

Str=commodityService.updateSort(sort4,sort5);

System.out.println(str);

CommodityPO commodity5 = new Commodity(“name”,”type”,in\_price,out\_price,note,

recent\_in\_price, recent\_out\_price,number,false);

Str=commodityService.addGift(commodity5);

System.out.println(str);

CommodityPO commodity6 = new Commodity(“name”,”type”,in\_price,out\_price,note,

recent\_in\_price, recent\_out\_price,number,false);

Str=commodityService.delGift(commodity6);

System.out.println(str);

if(commodityService.findGift(“name”,”Type”)!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(commodityService.getAll()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=commodityService.clear();

System.out.println(Str);

}

}

### 2.1.2 桩程序

public class AccountDataService\_Stub implements AccountDataService{

String name;

int money;

public AccountDataService\_Stub(String name, int money) {

super();

this.name = name;

this.money = money;

}

public AccountPO getAccount() {

return new AccountPO(name, money);

}

public boolean addAccount(AccountPO po) {

return true;

}

public boolean delAccount(AccountPO po) {

return true;

}

public boolean updateAccount(AccountPO po1, AccountPO po2) {

return true;

}

public AccountPO findAccount(String name) {

return new AccountPO(name,money);

}

public AccountPO[] getAllAccount() {

return new AccountPO[1];

}

public boolean addReceipt(ReceiptPO po) {

return true;

}

public boolean addPayment(PaymentPO po) {

return true;

}

public ReceiptPO[] getAllReceipt() {

return new ReceiptPO[1];

}

public PaymentPO[] getAllPayment() {

return new PaymentPO[1];

}

public boolean clear() {

return true;

}

}

## 2.2 AccountDataService

### 2.2.1 驱动程序

public class AccountDataService\_Driver{

public static void main(String[] args){

AccountDataService accountController = new AccountDataController();

AccountDataService drive = new AccountDataService\_Driver(accountConrtoller);

Driver.drive(accountController);

}

Public void drive(AccoutDataService accountService){

boolean str=false;

If(accountService.getAccount()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=accountService.addAccount(new AccountPO(“name”,1000));

System.out.println(str);

Str=accountService.delAccount(new AccountPO(“name”,1000))

System.out.println(str);

AccountPO po1=new Account(“name1”,1000);

AccountPO po2=new Account(“name2”,1000);

Str=accountService.updateAccount(po1,po2);

System.out.println(str);

If(accountService.findAccount(“word”)){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(accountService.getAllAccount()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

ReceiptPO rec=new Receipt(“name”,”clerk”,”account\_name”,1000, 1000, “ps”);

Str=accountService.addReceipt(rec);

System.out.println(str);

PaymentPO pay=new Paument(“name”,”clerk”,”account\_name”,1000, 1000, “ps”);

Str=accountService.addPayment(pay);

System.out.println(str);

If(accountService.getAllReceipt()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(accountService.getAllPayment()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=accountService.clear();

System.out.println(str);

}

}

### 2.2.2 桩程序

public class CommodityDataService\_Stub implements CommodityDataService{

Boolean g;

String n;

String t;

int i;

int o;

int no;

int rei;

int reo;

int num;

public CommodityDataService\_Stub(Boolean g, String n, String t, int i,

int o, int no, int rei, int reo, int num) {

this.g = g;

this.n = n;

this.t = t;

this.i = i;

this.o = o;

this.no = no;

this.rei = rei;

this.reo = reo;

this.num = num;

}

public CommodityPO findGood(String name, String type) {

return new CommodityPO(g, n, t, i, o, no, rei, reo, num);

}

public CommodityPO findName(String name) {

return new CommodityPO(g, n, t, i, o, no, rei, reo, num);

}

public CommodityPO findType(String type) {

return new CommodityPO(g, n, type, i, o, no, rei, reo, num);

}

public boolean addGood(CommodityPO po1, SortPO po2) {

return true;

}

public boolean delGood(CommodityPO po) {

return true;

}

public boolean updateGood(CommodityPO po1, CommodityPO po2) {

return true;

}

public boolean addSort(SortPO po) {

return true;

}

public boolean delSort(SortPO po) {

return true;

}

public boolean updateSort(SortPO po1, SortPO po2) {

return true;

}

public boolean addGift(CommodityPO po) {

return true;

}

public CommodityPO findGift(String name, String type) {

return new CommodityPO(g, name, type, i, o, no, rei, reo, num);

}

public boolean delGift(CommodityPO po){

return true;

}

public boolean getALL() {

return true;

}

public boolean clear() {

return true;

}

}

## 2.3 FinancialDataService

### 2.3.1 驱动程序

public class FinancialDataService\_Driver{

public static void main(String[] args){

FinancialDataService financialController = new FinancialDataController();

FinancialDataService drive = new FinancialDataService\_Driver(financialConrtoller);

Driver.drive(financialController);

}

Public void drive(FinancialDataService financialService){

Boolean str=false;

If(financialService.getSaleList()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(financialService.getAllBill()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(financialService.getOperatingCondition()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

SalesListPO sale=new SalesListPO(“note”);

Str=financialService.addSalesList(sale);

System.out.println(str);

AllBillPO bill=new AllBillPO(“note”);

Str=financialService.addAllBill(bill);

System.out.println(str);

OperatingConditionPO operate=new OperatingPO(“note”);

Str=financialService.addOperatingCondition(operate);

System.out.println(str);

Str=financialService.clear();

System.out.println(str);

}

}

### 2.3.2 桩程序

public class FinancialDataService\_Stub implements FinancialDataService{

public SaleListPO[] getSaleList() {

return new SaleListPO[1];

}

public AllBillPO[] getAllBill() {

return new AllBillPO[1];

}

public OperatingConditionPO[] getOperatingCondition() {

return new OperatingConditionPO[1];

}

public boolean addSaleList(SaleListPO po) {

return true;

}

public boolean addAllBill(AllBillPO po) {

return true;

}

public boolean addOperatingCondition(OperatingConditionPO po) {

return true;

}

public boolean clear() {

return true;

}

}

## 2.4 InitializationDataService

### 2.4.1 驱动程序

public class InitializationDataService\_Driver{

public static void main(String[] args){

InitializationDataService initializationController = new InitializationDataController();

InitializationDataService drive = new InitializationDataService\_Driver(initializationConrtoller);

Driver.drive(initializationController);

}

Public void drive(InitializationDataService initializationService){

Boolean str=false;

Str=initializationService.getInformation();

System.out.println(str);

}

}

### 2.4.2 桩程序

public class InitializationDataService\_Stub implements InitializationDataService{

CustomerPO customer;

CommodityPO commodity;

AccountPO account;

public InitializationDataService\_Stub(CommodityPO commodity,CustomerPO customer,AccountPO account) {

this.commodity = commodity;

this.customer = customer;

this.account = account;

}

public InitializationPO getInfomation() {

return new InitializationPO(commodity, customer, account);

}

}

## 2.5 InvoiceDataService

### 2.5.1 驱动程序

public class InvoiceDataService\_Driver{

public static void main(String[] args){

InvoiceDataService invoiceController = new InvoiceDataController();

InvoiceDataService drive = new InvoiceDataService\_Driver(invoiceConrtoller);

Driver.drive(invoiceController);

}

Public void drive(InvoiceService invoiceService){

Boolean str=false;

If(invoiceService.getInvoice()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

InvoicePO invoice=new Invoice(new CommodityPO(“name”,”Type”));

Str=invoice.addInvoice(invoice);

System.out.println(str);

InvoicePO invoice=new Invoice(new CommodityPO(“name”,”Type”));

Str=invoice.addInvoice(invoice);

System.out.println(str);

If(invoiceService.getAllInvoice()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=inveoiceService.clear();

System.out.println(str);

}

}

### 2.5.2 桩程序

public class InvoiceDataService\_Stub implements InvoiceDataService{

String draft\_condition;

String submit\_condition;

String approve\_condition;

public InvoiceDataService\_Stub(String draft\_condition,

String submit\_condition, String approve\_condition) {

this.draft\_condition = draft\_condition;

this.submit\_condition = submit\_condition;

this.approve\_condition = approve\_condition;

}

public InvoicePO getInvoice() {

return new InvoicePO(draft\_condition, submit\_condition, approve\_condition);

}

public boolean addInvoice(InvoicePO po) {

return true;

}

public boolean delInvoice(InvoicePO po) {

return true;

}

public InvoicePO[] getAllInvoice() {

return new InvoicePO[1];

}

public boolean clear() {

return true;

}

}

## 2.6 PromotionDataService

### 2.6.1 驱动程序

public class PromationDataService\_Driver{

public static void main(String[] args){

PromotionDataService promotionController = new PromotionDataController();

PromotionDataService drive = new PromotionDataService\_Driver(promotionConrtoller);

Driver.drive(promotionController);

}

Public drive(PromotionDataService salesService){

Boolean str=false;

int start\_money = 1;//折让前价格

int end\_money = 1;//折让后价格

int discount = 1;//折让的代金券价格

int discountMoney = 1;//折让金额

int in\_price = 1;//进价

int out\_price = 1;//售价

int note = 1;//编号

int recent\_in\_price = 1;//最近一次进价

int recent\_out\_price = 1;//最近一次售价

int number = 1;//商品数量

CommodityPO commodity = new Commodity(“name”,”type”,in\_price,out\_price,note,

recent\_in\_price, recent\_out\_price,number,false);

DiscountPO discount = new DiscountPO(“time1”,”time2”,start\_money,end\_money,

discount,discountMoney);

str = promotionService.addDiscount(discount);

System.out.println(str);

ProGiftPO progift = new ProGiftPO(“time1”,”time2”,commodity);

str = promotionService.addGift(progift);

System.out.println(str);

DiscountPO discount2 = new DiscountPO(“time1”,”time2”,start\_money,end\_money,

discount,discountMoney);

str = promotionService.delDiscount(discount2);

System.out.println(str);

ProGiftPO progift2 = new ProGiftPO(“time1”,”time2”,commodity);

str = promotionService.delGift(progift2);

System.out.println(str);

If(promotionService.getDiscount()){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(promotionService.getGift()){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(promotionService.shoeDiscount(“name”)){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(promotionService.showProGift(“name”)){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

### 2.6.2 桩程序

public class PromotionDataService\_Stub implements PromotionDataService{

public PromotionDataService\_Stub(int dm, String t1, String t2, int sm,

int em, int d, CommodityPO gift, String time1, String time2) {

this.dm = dm;

this.t1 = t1;

this.t2 = t2;

this.sm = sm;

this.em = em;

this.d = d;

this.gift = gift;

this.time1 = time1;

this.time2 = time2;

}

int dm;

String t1;

String t2;

int sm;

int em;

int d;

CommodityPO gift;

String time1;

String time2;

public boolean addDiscount(DiscountPO po) {

return true;

}

public boolean addGift(ProGiftPO po) {

return true;

}

public boolean delDiscount(DiscountPO po) {

return true;

}

public boolean delGift(ProGiftPO po) {

return true;

}

public DiscountPO getDiscount() {

return new DiscountPO(dm, t1, t2, sm, em, d);

}

public ProGiftPO getGift() {

return new ProGiftPO(gift, time1, time2);

}

public DiscountPO[] showDiscount() {

return new DiscountPO[1];

}

public ProGiftPO[] showProGift() {

return new ProGiftPO[1];

}

}

## 2.7 SalesDataService

### 2.7.1 驱动程序

public class SalesDataService\_Driver{

public static void main(String[] args){

SalesDataService salesController = new SalesDataController();

SalesDataService drive = new SalesDataService\_Driver(salesConrtoller);

Driver.drive(salesController);

}

Public drive(SalesDataService salesService){

Boolean str=false;

str=salesService.addCustomer(new Customer(“name”,”phone”));

System.out.println(str);

str=salesService.delCustomer(new Customer(“name”,”phone”));

System.out.println(str);

CustomerPO cus1= new CustomerPO(“name1”,”phone1”);

CustomerPO cus2= new CustomerPO(“name2”,”phone2”);

str=salesService.updateCustomer(cus1,cus2);

System.out.println(str);

If(salesService.findCustomer(“name”)){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

ImportPO imp=new ImportPO(“name”,1,”good\_name”,”good\_type”, “ps”, 100);

Str=sales.addImport(imp);

System.out.println(str);

Import\_ReturnPO imp\_re=new Import\_ReturnPO(“name”,1,”good\_name”,”good\_type”, “ps”, 100);

Str=sales.addImport\_Return(imp\_re);

System.out.println(str);

ExportPO exp=new ExportPO(“name”,1,”good\_name”,”good\_type”,“ps”,100,1000, 10);

Str=sales.addExport(exp);

System.out.println(str);

Export\_ReturnPO exp\_re=new Export\_ReturnPO(“name”,1,”good\_name”,”good\_type”,“ps”,100,1000, 10);

Str=sales.addExport\_Return(exp\_re);

System.out.println(str);

If(salesService.getAllCustomer!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(salesService.getAllImport!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(salesService.getAllImport\_Return!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(salesService.getAllExport!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

If(salesService.getAllExport\_Return!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

Str=salesService.clear();

System.out.println(str);

}

}

### 2.7.2 桩程序

public class SaleDataService\_Stub implements SalesDataService{

public SaleDataService\_Stub(String address, String clerk, int amount,

int money, String mail, String zip, String phone, String type,

int level, int id) {

this.address = address;

this.clerk = clerk;

this.amount = amount;

this.money = money;

this.mail = mail;

this.zip = zip;

this.phone = phone;

this.type = type;

this.level = level;

this.id = id;

}

String address;

String clerk;

int amount;

int money;

String mail;

String zip;

String phone;

String type;

int level;

int id;

public boolean addCustomer(CustomerPO po) {

return true;

}

public boolean delCustomer(CustomerPO po) {

return true;

}

public boolean updateCustomer(CustomerPO po1, CustomerPO po2) {

return true;

}

public CustomerPO findCustomer(String name) {

return new CustomerPO(id, name, level, type, phone, zip, mail, money, amount, clerk, address);

}

public boolean addImport(ImportPO po) {

return true;

}

public boolean addImport\_Return(Import\_ReturnPO po) {

return true;

}

public boolean addExport(ExportPO po) {

return true; }

public boolean addExport\_Return(Export\_ReturnPO po) {

return true;

}

public CustomerPO[] getAllCustomer() {

return new CustomerPO[1];

}

public ImportPO[] getAllImport() {

return new ImportPO[1];

}

public Import\_ReturnPO[] getAllImport\_Return() {

return new Import\_ReturnPO[1];

}

public ExportPO[] getAllExport() {

return new ExportPO[1];

}

public Export\_ReturnPO[] getAllExport\_Return() {

return new Export\_ReturnPO[1];

}

public boolean clear() {

return true;

}

}

## 2.8 SystemlogDataService

### 2.8.1 驱动程序

public class SystemlogDataService\_Driver{

public static void main(String[] args){

SystemlogDataService systemlogController = new SystemlogDataController();

SystemlogDataService drive = new SystemlogDataService\_Driver(systemlogConrtoller);

Driver.drive(systemdataController);

}

Public void drive(SystemlogDataService systemlogService){

Boolean str=false;

If(systemlogService.get()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

SystemlogPO systemlog=new Systemlog(String operation,String time);

Str=systemlogService.add(systemlog);

System.out.println(str);

Str=systemlogService.clear();

System.out.println(str);

}

}

### 2.8.2 桩程序

public class SystemlogDataService\_Stub implements SystemlogDataService{

public SystemlogPO[] get() {

return new SystemlogPO[1];

}

public boolean add(SystemlogPO po) {

return true;

}

public boolean clear() {

return true;

}

}

## 2.9 UserDataService

### 2.9.1 驱动程序

public class UserDataService\_Driver{

public static void main(String[] args){

UserDataService userController = new UserDataController();

UserDataService drive = new UserDataService\_Driver(userConrtoller);

driver.drive(userdataController);

}

Public void drive(UserDataService userService){

Boolean str=false;

UserPO user = new UserPO(String name, String password, int duty);

str = userService.addUser(user);

System.out.println(str);

UserPO user2 = new UserPO(String name, String password, int duty)

str = userService.delUser(user2);

System.out.println(str);

If(userService.show()!=null){

System.out.println(“Successed”);

}else{

System.out.println(“Failed”);

}

str=userService.clear();

System.out.println(str);

}

}

### 2.9.2桩程序

public class UserDataService\_Stub implements UserDataService{

String n;

String p;

int d;

public UserDataService\_Stub(String n, String p, int d) {

this.n = n;

this.p = p;

this.d = d;

}

public boolean addUser(UserPO po) {

return true;

}

public boolean delUser(UserPO po) {

return true;

}

public UserPO getUser(String name) {

return new UserPO(n, p, d);

}

public UserPO[] show() {

return new UserPO[1];

}

public boolean clear() {

return true;

}

}