体系结构原型代码

目录

1. BLService接口

1.1 CommodityblService接口

1.1.1驱动程序

1.1.2 桩程序

1.2 AccountblService接口

1.2.1驱动程序

1.2.2 桩程序

1.3 FinancialblService接口

1.3.1驱动程序

1.3.2 桩程序

1.4 InitializationblService接口

1.4.1驱动程序

1.4.2 桩程序

1.5 InvoiceblService接口

1.5.1驱动程序

1.5.2 桩程序

1.6PromotionblService接口

1.6.1驱动程序

1.6.2 桩程序

2. DataService接口

2.1 CommodityDataService接口

2.1.1 驱动程序

2.1.2 桩程序

2.2 AccountDataService接口

2.2.1 驱动程序

2.2.2 桩程序

2.3 FinancialDataService接口

2.3.1 驱动程序

2.3.2 桩程序

2.4 InitializationDataService接口

2.4.1 驱动程序

2.4.2 桩程序

2.5 InvoiceDataService接口

2.5.1 驱动程序

2.5.2 桩程序

2.6 SalesDataService接口

2.6.1 驱动程序

2.6.2 桩程序

1.BLService接口

1.1 CommodityblService

1.1.1 驱动程序：

public class 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”;

}

}

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){

boolean str=false;

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”);

}

Str=commodityService.addGood(new CommodityPO(“name”,”type”),new SortPO(“name”));

System.out.println(str);

Str=commodityService.delGood(new CommodityPO(“name”,”type”));

System.out.println(str);

Str=commodityService.updateGood(new CommodityPO(“name1”,”type1”),new CommodityPO(“name2”,”type2”));

System.out.println(str);

Str=commodityService.addSort(new SortPO(“name”));

System.out.println(str);

Str=commodityService.delSort(new SortPO(“name”));

System.out.println(str);

Str=commodityService.updateSort(new SortPO(“name1”),new SortPO(“name2”));

System.out.println(str);

Str=commodityService.addGift(new CommodityPO(“name”,”Type”));

System.out.println(str);

Str=commodityService.delGift(new CommodityPO(“name”,”Type”));

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

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

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

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

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

2.6 SalesDataService

2.6.1 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);

}

}