



酒店预订系统

体系结构设计模型

学 院：南京大学软件学院

团 队：第 5 组

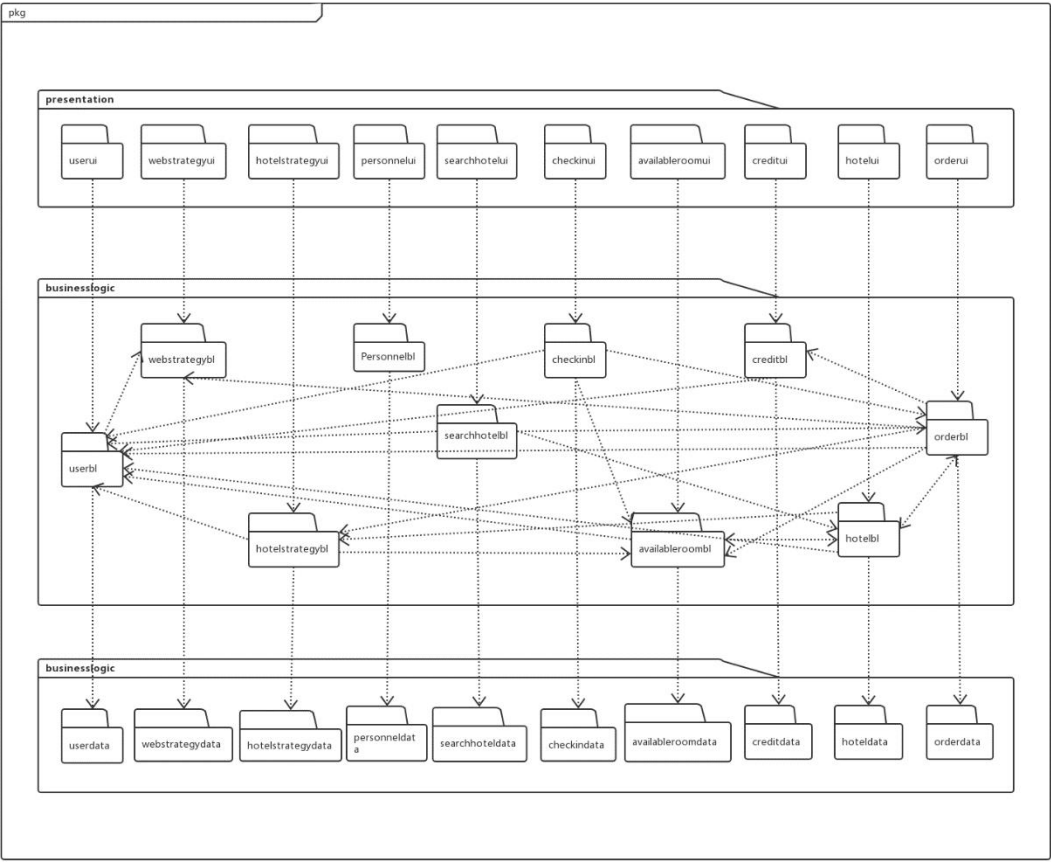
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一、软件体系结构逻辑设计方案



二、开发包设计

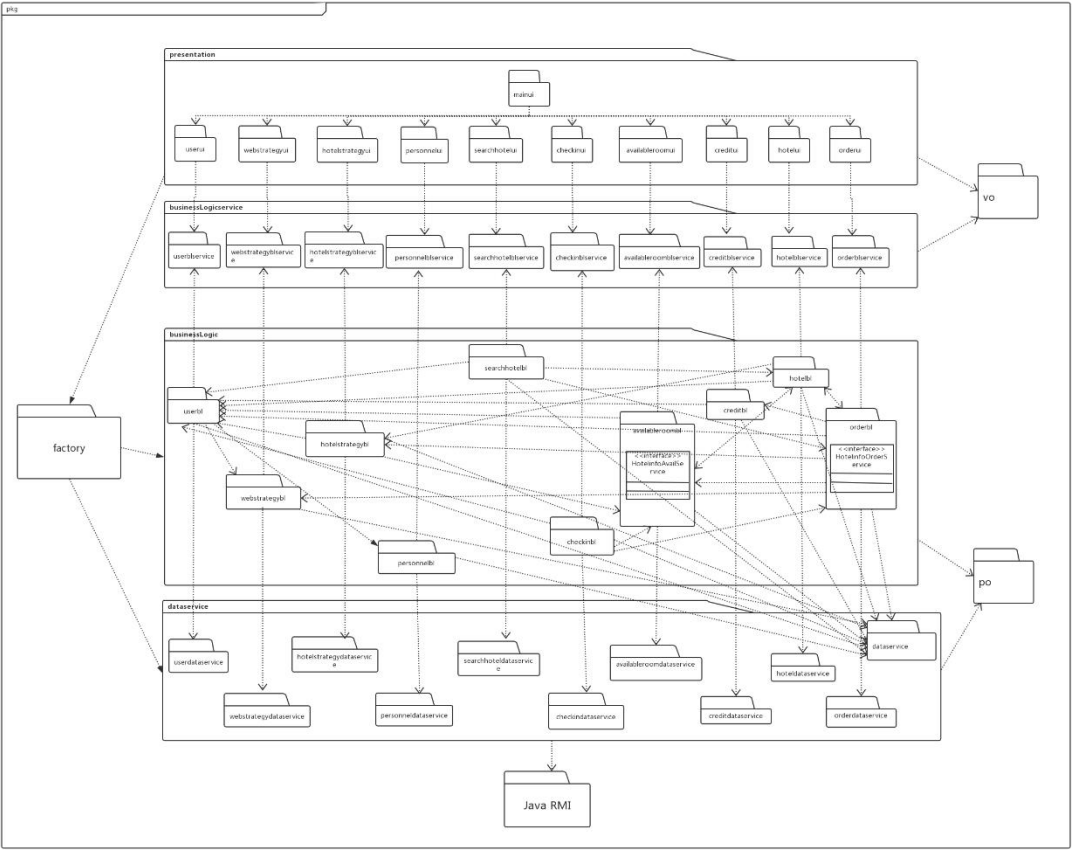
| 开发（物理）包 | 依赖的其他开发包 |
|----------------------|---|
| Mainui | Userui, Personnelui, Orderui, Creditui, Hotelui, AvailableRoomui, Checkinui, HotelStrategyui, WebStrategyui, SearchHotelui , vo |
| Userui | Userblservice, 界面类库包, vo |
| Userblservice | |
| Userbl | Userblservice ,Userdataservice, po, WebStrategybl |
| Userdataservice | Java RMI, po |
| Userdata | Userdataservice, databasesutility, po |
| Personnelui | Personnelblservice, 界面类库包, vo |
| Personnelblservice | |
| Personnelbl | Personnelblservice, Personnelblservice, po |
| Personneldataservice | Java RMI, po |
| Personneldata | Userdataservice, databasesutility, po |
| Orderui | Orderblservice, 界面类库包, vo |
| Orderblservice | |
| Orderbl | Orderblservice, Orderdataservice, po, Availableroombl, Userbl, HotelStrategybl, WebStrategybl, Creditbl |
| Orderdataservice | Java RMI, po |
| Orderdata | Orderdataservice, databasesutility, po |
| Creditui | Creditblservice, 界面类库包, vo |
| Creditblservice | |
| Creditbl | Creditblservice, Creditdataservice, po, Userbl |
| Creditdataservice | Java RMI, po |
| Creditdata | Creditdataservice, databasesutility, po |
| Hotelui | Hotelblservice, 界面类库包, vo |

| | |
|--------------------------|---|
| Hotelblservice | |
| Hotelbl | Hotelblservice, Hoteldataservice, po, HotelStrategybl, Userbl |
| Hoteldataservice | Java RMI, po |
| Hoteldata | Hoteldataservice, databaseseutility, po |
| AvailableRoomui | AvailableRoomblservice, 界面类库包, vo |
| AvailableRoomblservice | |
| AvailableRoombl | AvailableRoomblservice, AvailableRoomdataservice, po, Userbl |
| AvailableRoomdataservice | Java RMI, po |
| AvailableRoomdata | AvailableRoomdataservice, databaseseutility, po |
| Checkinui | Checkinblservice, 界面类库包, vo |
| Checkinblservice | |
| Checkinbl | Checkinblservice, Checkdataservice, po, Orderbl, Availableroombl, Userbl |
| Checkdataservice | Java RMI, po |
| Checkindata | Checkdataservice, databaseseutility, po |
| HotelStrategyui | HotelStrategyblservice, 界面类库包, vo |
| HotelStrategyblservice | |
| HotelStrategybl | HotelStrategyblservice, HotelStrategydataservice, po, Userbl, AvailableRoombl |
| HotelStrategydataservice | Java RMI, po |
| HotelStrategydata | HotelStrategydataservice, databaseseutility, po |
| WebStrategyui | WebStrategyblservice, 界面类库包, vo |
| WebStrategyblservice | |
| WebStrategybl | WebStrategyblservice, WebStrategydataservice, po, |
| WebStrategydataservice | Java RMI, po |
| WebStrategydata | WebStrategydataservice, databaseseutility, po |
| SearchHotelui | SearchHotelblservice, 界面类库包, |

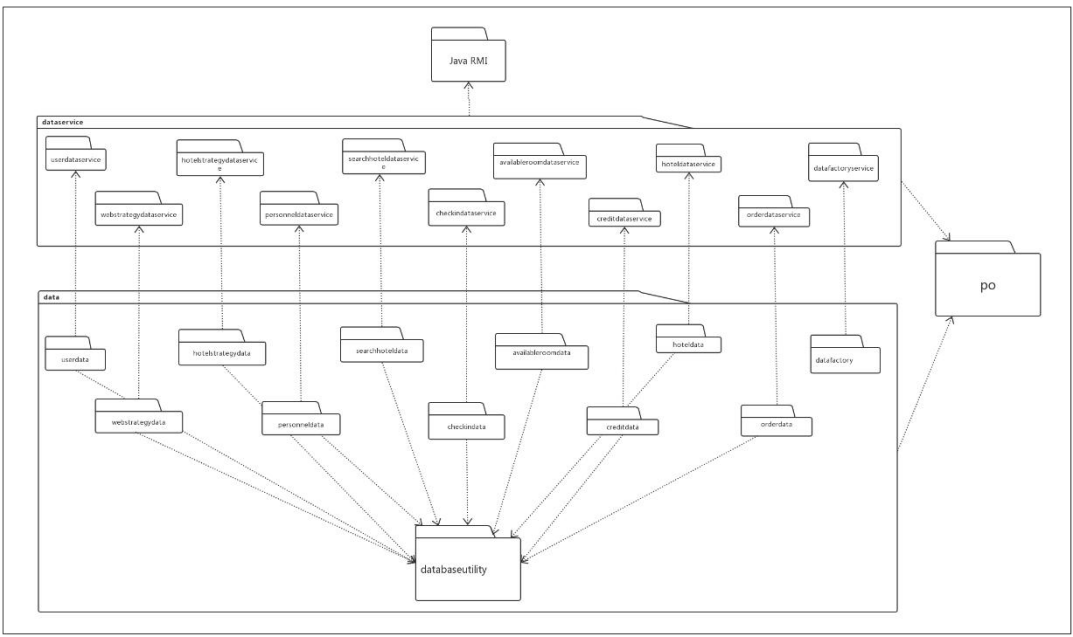
| | |
|------------------------|--|
| | vo |
| SearchHotelblservice | |
| SearchHotelbl | SearchHotelblservice, SearchHotelblservice, po, Hotelbl, Orderbl, Userbl |
| SearchHoteldataservice | Java RMI, po |
| SearchHoteldata | SearchHoteldataservice, databases eutility, po |
| Vo | |
| Po | |
| 界面类库包 | |
| databaseseutility | JDBC |
| Java RMI | |

三、开发包图

3.1 酒店预订系统客户端开发包图（图一）



3.2 酒店预订系统服务器端开发包图（图二）

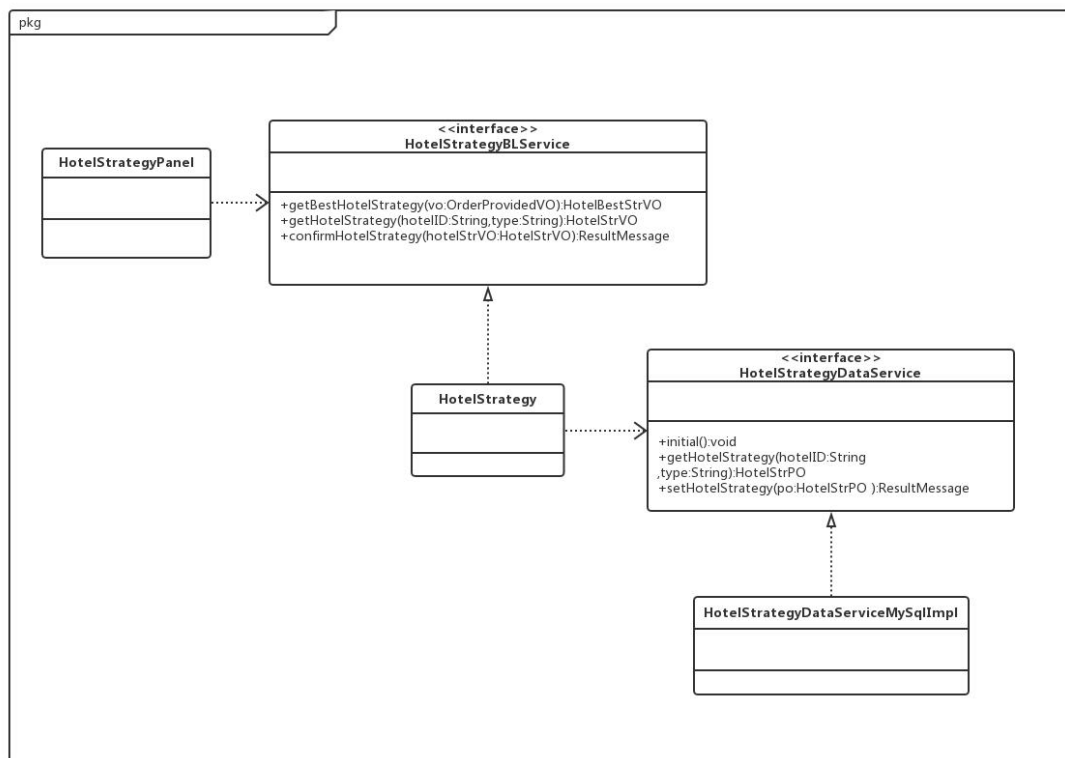


3.3 酒店预订系统层之间调用的接口

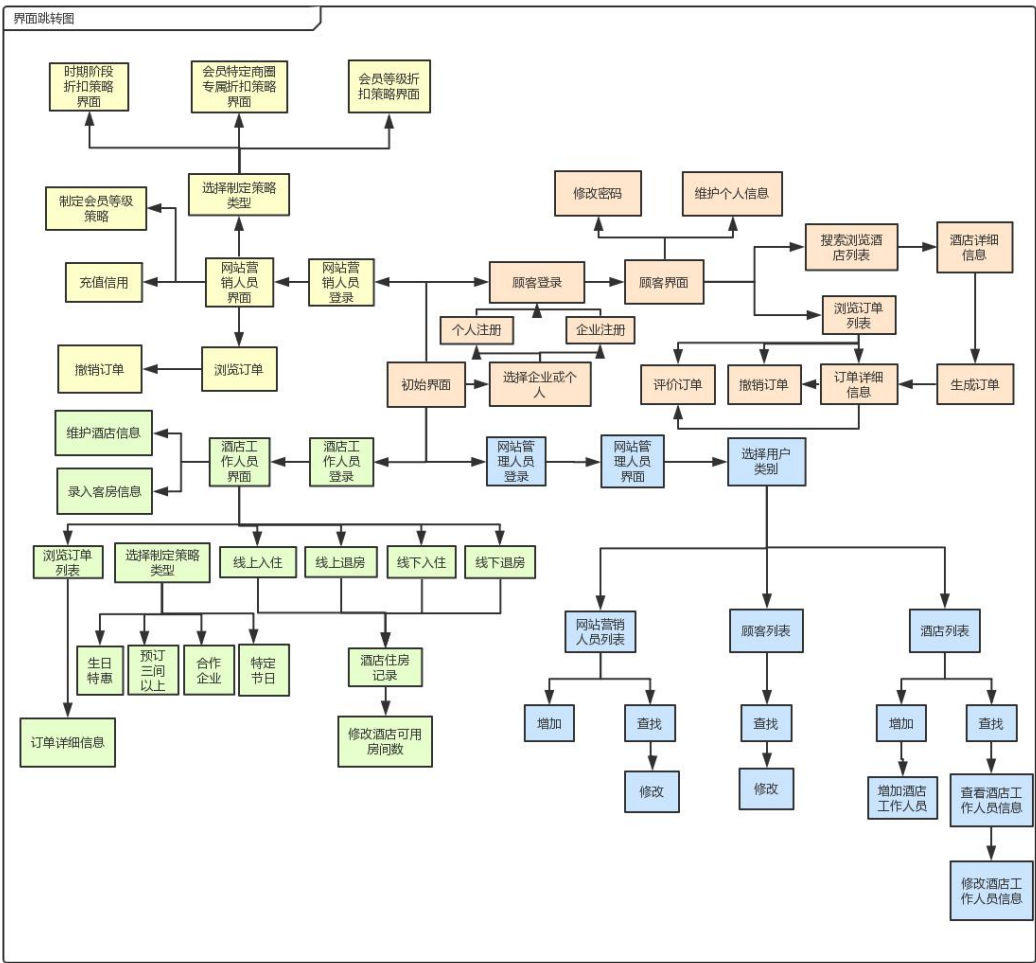
| 接口 | 服务调用方 | 服务提供方 |
|--|----------|----------|
| Userbl Webstrategybl Hotelstrategybl Personnelbl Searchhotelbl Checkinbl Availableroombl Creditbl Hotelbl Orderbl | 客户端展示层 | 客户端业务逻辑层 |
| Userdataservice Personneldataservice Orderdataservice Creditdataservice Hoteldataservice Availableroomdataservice Checkindataservice Webstrategydataservice | 客户端业务逻辑层 | 客户端数据层 |

| | | |
|--------------------------|--|--|
| Hotelstrategydataservice | | |
| searchhoteldataservice | | |

3.4 制定酒店策略用例层之间调用的接口



3.5 酒店预订系统用户界面跳转



3.6 酒店预订系统业务逻辑层的分解

