

# 酒店预订管理系统

## System of Booking Hotel

### 耦合度量文档

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## 一、 Depth of Inheritance Tree (DIT) 的度量

### 1、 client 模块的度量数据:

Depth of Inheritance Tree (avg/max per type)	1.056	0.229	2	/client/src/main/java/org/client/launch...
java	1.012	0.11	2	/client/src/main/java/org/client/launch...
org.client.launcher	1.5	0.5	2	/client/src/main/java/org/client/launch...
org.client.bl.commentbl	1	0	1	/client/src/main/java/org/client/bl/co...
org.client.bl.hotelbl	1	0	1	/client/src/main/java/org/client/bl/hot...
org.client.bl.orderbl	1	0	1	/client/src/main/java/org/client/bl/ord...
org.client.bl.promotionbl	1	0	1	/client/src/main/java/org/client/bl/pro...
org.client.bl.userbl	1	0	1	/client/src/main/java/org/client/bl/use...
org.client.blstub	1	0	1	/client/src/main/java/org/client/blstub...
org.client.datadrivder	1	0	1	/client/src/main/java/org/client/datadr...
org.client.presentation.commentui	1	0	1	/client/src/main/java/org/client/prese...
org.client.presentation.hotelui	1	0	1	/client/src/main/java/org/client/prese...
org.client.presentation.orderui	1	0	1	/client/src/main/java/org/client/prese...
org.client.presentation.promotionui	1	0	1	/client/src/main/java/org/client/prese...
org.client.presentation.userui	1	0	1	/client/src/main/java/org/client/prese...
org.client.rmi	1	0	1	/client/src/main/java/org/client/rmi/R...
org.client.vo	1	0	1	/client/src/main/java/org/client/vo/Ho...
org.client.bl.service.commentblservice	0	0		
org.client.bl.service.hotelblservice	0	0		
org.client.bl.service.orderblservice	0	0		
org.client.bl.service.promotionblservice	0	0		
org.client.bl.service.userblservice	0	0		
java	1.5	0.5	2	/client/src/test/java/org/client/bl/hote...
org.client.bl.hotelbl	1.5	0.5	2	/client/src/test/java/org/client/bl/hote...
org.client.bl.orderbl	1.5	0.5	2	/client/src/test/java/org/client/bl/orde...
org.client.bl.promotionbl	2	0	2	/client/src/test/java/org/client/bl/pro...
org.client.bl.userbl	1.5	0.5	2	/client/src/test/java/org/client/bl/user...
org.client.bl.commentbl	1	0	1	/client/src/test/java/org/client/bl/com...

### 2、 server 模块的度量数据

Depth of Inheritance Tree (avg/max per type)	3.333	1.491	6	/server/src/main/java/org/server/test.j...
java	3.333	1.491	6	/server/src/main/java/org/server/test.j...
org.server	3.5	2.5	6	/server/src/main/java/org/server/test.j...
org.server.data.CommentData	4	0	4	/server/src/main/java/org/server/data/...
org.server.data.HotelData	4	0	4	/server/src/main/java/org/server/data/...
org.server.data.OrderData	4	0	4	/server/src/main/java/org/server/data/...
org.server.data.PromotionData	4	0	4	/server/src/main/java/org/server/data/...
org.server.data.UserData	4	0	4	/server/src/main/java/org/server/data/...
org.server.datastub	3.5	1.118	4	/server/src/main/java/org/server/data...
org.server.data.datafactory	1	0	1	/server/src/main/java/org/server/data/...
org.server.rmi	1	0	1	/server/src/main/java/org/server/rmi/...

### 3、 common 模块的度量数据

Depth of Inheritance Tree (avg/max per type)	1	0	1	/common/src/main/java/org/common...
java	1	0	1	/common/src/main/java/org/common...
org.common.po	1	0	1	/common/src/main/java/org/common...
org.common.utility	1	0	1	/common/src/main/java/org/common...
org.common.dataservice.CommentDataService	0	0		
org.common.dataservice.HotelDataService	0	0		
org.common.dataservice.OrderDataService	0	0		
org.common.dataservice.PromotionDataService	0	0		
org.common.dataservice.UserDataService	0	0		

## 二、 Number of Children (NOC) 的度量

### 1、 client 模块的度量数据:

Number of Children (avg/max per type)	0	0	0	0	/client/src/main/java/org/client/bl/co...
java	0	0	0	0	/client/src/main/java/org/client/bl/co...
org.client.bl.commentbl	0	0	0	0	/client/src/main/java/org/client/bl/co...
org.client.bl.hotelbl	0	0	0	0	/client/src/main/java/org/client/bl/hot...
org.client.bl.orderbl	0	0	0	0	/client/src/main/java/org/client/bl/ord...
org.client.bl.promotionbl	0	0	0	0	/client/src/main/java/org/client/bl/pro...
org.client.bl.userbl	0	0	0	0	/client/src/main/java/org/client/bl/use...
org.client.bl.service.commentblservice	0	0	0		
org.client.bl.service.hotelblservice	0	0	0		
org.client.bl.service.orderblservice	0	0	0		
org.client.bl.service.promotionblservice	0	0	0		
org.client.bl.service.userblservice	0	0	0		
org.client.bl.stub	0	0	0	0	/client/src/main/java/org/client/blstub...
org.client.datadriv	0	0	0	0	/client/src/main/java/org/client/datadr...
org.client.launcher	0	0	0	0	/client/src/main/java/org/client/launch...
org.client.presentation.commentui	0	0	0	0	/client/src/main/java/org/client/se...
org.client.presentation.hotelui	0	0	0	0	/client/src/main/java/org/client/se...
org.client.presentation.orderui	0	0	0	0	/client/src/main/java/org/client/se...
org.client.presentation.promotionui	0	0	0	0	/client/src/main/java/org/client/se...
org.client.presentation.userui	0	0	0	0	/client/src/main/java/org/client/se...
org.client.rmi	0	0	0	0	/client/src/main/java/org/client/rmi/R...
org.client.vo	0	0	0	0	/client/src/main/java/org/client/vo/Ho...
java	0	0	0	0	/client/src/test/java/org/client/bl/com...
org.client.bl.commentbl	0	0	0	0	/client/src/test/java/org/client/bl/com...
org.client.bl.hotelbl	0	0	0	0	/client/src/test/java/org/client/bl/hote...
org.client.bl.orderbl	0	0	0	0	/client/src/test/java/org/client/bl/orde...
org.client.bl.promotionbl	0	0	0	0	/client/src/test/java/org/client/bl/pro...
org.client.bl.userbl	0	0	0	0	/client/src/test/java/org/client/bl/user...

## 2、 server 模块的度量数据

Number of Children (avg/max per type)	0	0	0	0	/server/src/main/java/org/server/test.j...
java	0	0	0	0	/server/src/main/java/org/server/test.j...
org.server	0	0	0	0	/server/src/main/java/org/server/test.j...
org.server.data.CommentData	0	0	0	0	/server/src/main/java/org/server/data/...
org.server.data.HotelData	0	0	0	0	/server/src/main/java/org/server/data/...
org.server.data.OrderData	0	0	0	0	/server/src/main/java/org/server/data/...
org.server.data.PromotionData	0	0	0	0	/server/src/main/java/org/server/data/...
org.server.data.UserData	0	0	0	0	/server/src/main/java/org/server/data/...
org.server.data.datafactory	0	0	0	0	/server/src/main/java/org/server/data/...
org.server.data.stub	0	0	0	0	/server/src/main/java/org/server/data/...
org.server.rmi	0	0	0	0	/server/src/main/java/org/server/rmi/...

## 3、 common 模块的度量数据

Number of Children (avg/max per type)	0	0	0	0	/common/src/main/java/org/common/...
java	0	0	0	0	/common/src/main/java/org/common/...
org.common.dataservice.CommentDataService	0	0	0		
org.common.dataservice.HotelDataService	0	0	0		
org.common.dataservice.OrderDataService	0	0	0		
org.common.dataservice.PromotionDataService	0	0	0		
org.common.dataservice.UserDataService	0	0	0		
org.common.po	0	0	0	0	/common/src/main/java/org/common/...
org.common.utility	0	0	0	0	/common/src/main/java/org/common/...

## 三、 Afferent coupling (DAC) 的度量

### 1、 client 模块的度量数据:

Afferent Coupling (avg/max per packageFragment)		3.2	7.838	37	/client/src/main/java/org/client/vo
java		4	8.579	37	/client/src/main/java/org/client/vo
org.client.vo	37				
org.client.rmi	18				
org.client.bl.service.userblservice	7				
org.client.bl.service.hotelblservice	4				
org.client.bl.service.orderblservice	4				
org.client.bl.userbl	2				
org.client.bl.service.commentblservice	2				
org.client.bl.service.promotionblservice	2				
org.client.bl.stub	2				
org.client.bl.hotelbl	1				
org.client.bl.orderbl	1				
org.client.bl.commentbl	0				
org.client.bl.promotionbl	0				
org.client.data.driver	0				
org.client.launcher	0				
org.client.presentation.commentui	0				
org.client.presentation.hotelui	0				
org.client.presentation.orderui	0				
org.client.presentation.promotionui	0				
org.client.presentation.userui	0				
java		0	0	0	/client/src/test/java/org/client/bl/com...
org.client.bl.commentbl	0				
org.client.bl.hotelbl	0				
org.client.bl.orderbl	0				
org.client.bl.promotionbl	0				
org.client.bl.userbl	0				

## 2、server 模块的度量数据

Afferent Coupling (avg/max per packageFragment)		1.444	1.641	6	/server/src/main/java/org/server/rmi
java		1.444	1.641	6	/server/src/main/java/org/server/rmi
org.server.rmi	6				
org.server.data.CommentData	1				
org.server.data.HotelData	1				
org.server.data.OrderData	1				
org.server.data.PromotionData	1				
org.server.data.UserData	1				
org.server.data.datafactory	1				
org.server.data.stub	1				
org.server	0				

## 3、common 模块的度量数据

Afferent Coupling (avg/max per packageFragment)		18.857	21.899	66	/common/src/main/java/org/common...
java		18.857	21.899	66	/common/src/main/java/org/common...
org.common.utility	66				
org.common.po	36				
org.common.dataservice.UserDataService	8				
org.common.dataservice.HotelDataService	7				
org.common.dataservice.PromotionDataService	7				
org.common.dataservice.CommentDataService	4				
org.common.dataservice.OrderDataService	4				

## 四、Efferent Coupling (CBO) 的度量

### 1、client 模块的度量数据：

▼ Efferent Coupling (avg/max per packageFragment)		2	2.154	9	/client/src/main/java/org/client/vo
▼ java		2.1	2.385	9	/client/src/main/java/org/client/vo
org.client.vo	9				
org.client.bl.userbl	6				
org.client.bl.stub	5				
org.client.bl.hotelbl	4				
org.client.bl.orderbl	4				
org.client.bl.promotionbl	4				
org.client.bl.commentbl	2				
org.client.bl.service.commentblservice	1				
org.client.bl.service.hotelblservice	1				
org.client.bl.service.orderblservice	1				
org.client.bl.service.promotionblservice	1				
org.client.bl.service.userblservice	1				
org.client.data.driver	1				
org.client.launcher	1				
org.client.rmi	1				
org.client.presentation.commentui	0				
org.client.presentation.hotelui	0				
org.client.presentation.orderui	0				
org.client.presentation.promotionui	0				
org.client.presentation.userui	0				
▼ java		1.6	0.49	2	/client/src/test/java/org/client/bl/hote...
org.client.bl.hotelbl	2				
org.client.bl.orderbl	2				
org.client.bl.userbl	2				
org.client.bl.commentbl	1				
org.client.bl.promotionbl	1				

## 2、server 模块的度量数据

▼ Efferent Coupling (avg/max per packageFragment)		1.444	1.257	5	/server/src/main/java/org/server/data...
▼ java		1.444	1.257	5	/server/src/main/java/org/server/data...
org.server.data.stub	5				
org.server	1				
org.server.data.CommentData	1				
org.server.data.HotelData	1				
org.server.data.OrderData	1				
org.server.data.PromotionData	1				
org.server.data.UserData	1				
org.server.data.datafactory	1				
org.server.rmi	1				

## 3、common 模块的度量数据

▼ Efferent Coupling (avg/max per packageFragment)		1.429	1.498	5	/common/src/main/java/org/common...
▼ java		1.429	1.498	5	/common/src/main/java/org/common...
org.common.po	5				
org.common.data.service.CommentDataService	1				
org.common.data.service.HotelDataService	1				
org.common.data.service.OrderDataService	1				
org.common.data.service.PromotionDataService	1				
org.common.data.service.UserDataService	1				
org.common.utility	0				