



酒店预订系统

代码度量数据文档

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一、更新历史

修改人员	修改日期	修改原因	版本号
程芸菲	2016/12/11	创建模板	V0.1
全体成员	2016/12/11	完成草稿	V0.2
陈书玉	2016/12/11	整理 统一字体格式 补充目录	V0.3
程芸菲	2016/12/18	完善度量数据	V0.4

二、metrics 截图

1.Client

Metric	Total	Mean	Std. Dev.	Maximum	Resource causing Maximum	Method
▶ Number of Parameters (avg/max per method)		0.777	1.512	22	/client/src/main/java/vo/orderVo/OrderInfoVO.java	OrderInfoVO
▶ Number of Static Attributes (avg/max per type)	113	0.336	0.826	12	/client/src/main/java/init/RMIHelper.java	
▶ Effert Coupling (avg/max per packageFrag...		3.416	2.63	14	/client/src/main/java/presentation/ui/hotelui/view/client	
▶ Specialization Index (avg/max per type)		0.03	0.226	2	/client/src/main/java/businesslogic/bl/hotelbl/mock/M...	
▶ Number of Classes (avg/max per packageFra...	336	3.775	4.344	33	/client/src/main/java/presentation/ui/tools	
▶ Number of Attributes (avg/max per type)	2222	6.613	11.448	113	/client/src/main/java/presentation/ui/hotelui/view/clien...	
▶ Abstractness (avg/max per packageFragment)		◆	◆	1	/client/src/main/java/businesslogic/blservice/available...	
▶ Normalized Distance (avg/max per packageFr...		◆	◆	1	/client/src/main/java/exception	
▶ Number of Static Methods (avg/max per type)	118	0.351	0.821	12	/client/src/main/java/init/RMIHelper.java	
▶ Number of Interfaces (avg/max per packageF...	31	0.348	0.751	4	/client/src/main/java/businesslogic/blservice/orderbls...	
▶ Total Lines of Code	25048					
▶ Weighted methods per Class (avg/max per type)	2470	7.351	8.051	56	/client/src/main/java/vo/orderVo/OrderInfoVO.java	
▶ Number of Methods (avg/max per type)	1652	4.917	6.213	56	/client/src/main/java/vo/orderVo/OrderInfoVO.java	
▶ Depth of Inheritance Tree (avg/max per type)		2.735	2.105	7	/client/src/main/java/presentation/ui/loginui/view/login...	
▶ Number of Packages	89					
▶ Instability (avg/max per packageFragment)		0.444	0.312	1	/client/src/main/java/businesslogic/bl/availableRoombl/...	
▶ McCabe Cyclomatic Complexity (avg/max per...		1.395	1.418	26	/client/src/main/java/presentation/ui/loginui/view/Indiv...	addComp
▶ Nested Block Depth (avg/max per method)		1.271	0.65	5	/client/src/main/java/businesslogic/bl/hotelstrategybl/...	confirmHotelStrategy
▶ Lack of Cohesion of Methods (avg/max per type)		0.379	0.402	1.333	/client/src/main/java/presentation/ui/creditui/view/Dep...	
▶ Method Lines of Code (avg/max per method)	14223	8.036	25.402	361	/client/src/main/java/presentation/ui/loginui/view/Indiv...	addComp
▶ Number of Overridden Methods (avg/max per...	6	0.018	0.132	1	/client/src/main/java/businesslogic/bl/hotelbl/mock/M...	
▶ Afferent Coupling (avg/max per packageFrag...		9.056	12.466	74	/client/src/main/java/presentation/ui/tools	
▶ Number of Children (avg/max per type)	11	0.033	0.356	6	/client/src/main/java/presentation/ui/personnelui/view/...	

2.Server

Metric	Total	Mean	Std. Dev.	Maximum	Resource causing Maximum	Method
▶ Number of Parameters (avg/max per method)		0.732	0.663	4	/server/src/main/java/ui/LoginInfo.java	LoginInfo
▶ Number of Static Attributes (avg/max per type)	39	0.78	1.316	7	/server/src/main/java/rmi/RMIHelper.java	
▶ Efferent Coupling (avg/max per packageFrag...		5	4.651	13	/server/src/test/java/dao/driver	
▶ Specialization Index (avg/max per type)		0.04	0.28	2	/server/src/main/java/ui/ServerFrame.java	
▶ Number of Classes (avg/max per packageFra...	50	4.545	4.439	13	/server/src/test/java/dao/driver	
▶ Number of Attributes (avg/max per type)	71	1.42	4.099	26	/server/src/main/java/ui/ServerFrame.java	
▶ Abstractness (avg/max per packageFragment)		0.182	0.386	1	/server/src/main/java/data/datahelper	
▶ Normalized Distance (avg/max per packageFr...		0.448	0.352	1	/server/src/main/java/ui/tools	
▶ Number of Static Methods (avg/max per type)	43	0.86	0.917	5	/server/src/main/java/rmi/RMIHelper.java	
▶ Number of Interfaces (avg/max per packageF...	11	1	2.86	10	/server/src/main/java/data/datahelper	
▶ Total Lines of Code	3445					
▶ Weighted methods per Class (avg/max per type)	374	7.48	7.066	35	/server/src/main/java/data/datahelperimpl/WebStrateg...	
▶ Number of Methods (avg/max per type)	170	3.4	2.96	10	/server/src/main/java/data/datahelperimpl/OrderDataH...	
▶ Depth of Inheritance Tree (avg/max per type)		2.16	1.678	6	/server/src/main/java/ui/ServerFrame.java	
▶ Number of Packages	11					
▶ Instability (avg/max per packageFragment)		0.443	0.352	1	/server/src/main/java/init	
▶ McCabe Cyclomatic Complexity (avg/max per...		1.756	1.324	9	/server/src/main/java/data/datahelperimpl/SearchHote...	getSortedHotellist
▶ Nested Block Depth (avg/max per method)		1.484	0.785	4	/server/src/main/java/data/datahelperimpl/HotelStrate...	setHotelStrategy
▶ Lack of Cohesion of Methods (avg/max per type)		0.132	0.251	0.957	/server/src/main/java/ui/ServerFrame.java	
▶ Method Lines of Code (avg/max per method)	1864	8.751	10.481	73	/server/src/main/java/ui/ServerFrame.java	initServerInfoPanel
▶ Number of Overridden Methods (avg/max per...	1	0.02	0.14	1	/server/src/main/java/ui/ServerFrame.java	
▶ Afferent Coupling (avg/max per packageFrag...		6.818	6.766	22	/server/src/main/java/data/datahelper	
▶ Number of Children (avg/max per type)	0	0	0	0	/server/src/main/java/dao/impl/HotelStrategyDaoimpl.java	

3.Common

Metric	Total	Mean	Std. Dev.	Maximum	Resource causing Maximum	Method
▶ Number of Parameters (avg/max per method)		0.995	2.42	23	/common/src/main/java/po/OrderInfoPO.java	OrderInfoPO
▶ Number of Static Attributes (avg/max per type)	3	0.107	0.557	3	/common/src/main/java/rmi/RMIconfig.java	
▶ Efferent Coupling (avg/max per packageFrag...		1.812	3.432	15	/common/src/main/java/po	
▶ Specialization Index (avg/max per type)		0.036	0.129	0.5	/common/src/main/java/security/RMISSLServerSocket...	
▶ Number of Classes (avg/max per packageFra...	28	1.75	5.068	21	/common/src/main/java/po	
▶ Number of Attributes (avg/max per type)	162	5.786	5.912	24	/common/src/main/java/po/OrderInfoPO.java	
▶ Abstractness (avg/max per packageFragment)		0.688	0.464	1	/common/src/main/java/dao/availableRoomdao	
▶ Normalized Distance (avg/max per packageFr...		0.381	0.386	1	/common/src/main/java/dao	
▶ Number of Static Methods (avg/max per type)	17	0.607	2.076	9	/common/src/main/java/util/TransHelper.java	
▶ Number of Interfaces (avg/max per packageF...	11	0.688	0.464	1	/common/src/main/java/dao/availableRoomdao	
▶ Total Lines of Code	3157					
▶ Weighted methods per Class (avg/max per type)	504	18	16.716	82	/common/src/main/java/po/OrderInfoPO.java	
▶ Number of Methods (avg/max per type)	359	12.821	12.006	52	/common/src/main/java/po/OrderInfoPO.java	
▶ Depth of Inheritance Tree (avg/max per type)		1	0	1	/common/src/main/java/po/OrderInfoPO.java	
▶ Number of Packages	16					
▶ Instability (avg/max per packageFragment)		0.1	0.051	0.143	/common/src/main/java/dao/checkindao	
▶ McCabe Cyclomatic Complexity (avg/max per...		1.34	0.914	7	/common/src/main/java/po/OrderInfoPO.java	getState
▶ Nested Block Depth (avg/max per method)		1.085	0.288	3	/common/src/main/java/po/AvailableRoomNumberPO.java	setDate
▶ Lack of Cohesion of Methods (avg/max per type)		0.56	0.401	0.966	/common/src/main/java/po/OrderInfoPO.java	
▶ Method Lines of Code (avg/max per method)	1007	2.678	4.264	24	/common/src/main/java/po/OrderInfoPO.java	getState
▶ Number of Overridden Methods (avg/max per...	4	0.143	0.515	2	/common/src/main/java/security/RMISSLServerSocket...	
▶ Afferent Coupling (avg/max per packageFrag...		34.25	77.99	318	/common/src/main/java/util	
▶ Number of Children (avg/max per type)	0	0	0	0	/common/src/main/java/po/OrderInfoPO.java	

三、代码度量

1. Total lines of code

1.Client

25048

2.Server

3445

3.Common

3157

2. Lines of code and comment

1.Client

25048

2.Server

3445

3.Common

3157

3.Number of method

1.Client

1652

2.Server

170

3.Common

359