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**项目流程管理系统接口协议文档**

（文档版本号：V1.0）

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| 拟 制： | 薛金库、方平 | 日 期： | 2016-12-08 |
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修订记录

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目 录

# 引言

## 目的

## 适用范围

软件设计人员、开发人员、测试人员、客户。

## 参考资料

柬埔寨现场需求文档

## 术语和缩略语

|  |  |
| --- | --- |
| **术语、缩略语** | **解 释** |
| mis | 管理信息系统 |
|  |  |
|  |  |
|  |  |

# 需求分析

进行本部门项目流程的管理，对一个项目流程进行监控，包括：项目经理提交项目计划，专家评审，决策委员会审批、部门领导审批、提交项目周期性报告的提交以及项目的中期、终期评审、项目评价、项目结项等活动。

系统中用户角色：

项目经理:提交项目申请、提交项目周期性报告、提交中期评审材料以及评审后的中期评审报告、提交终期评审材料以及评审后的终期评审报告、提交项目评价。

项目管理人员：指定评审专家进行评审，录入评审专家对项目的评分。

评审专家：为项目打分，评审意见。

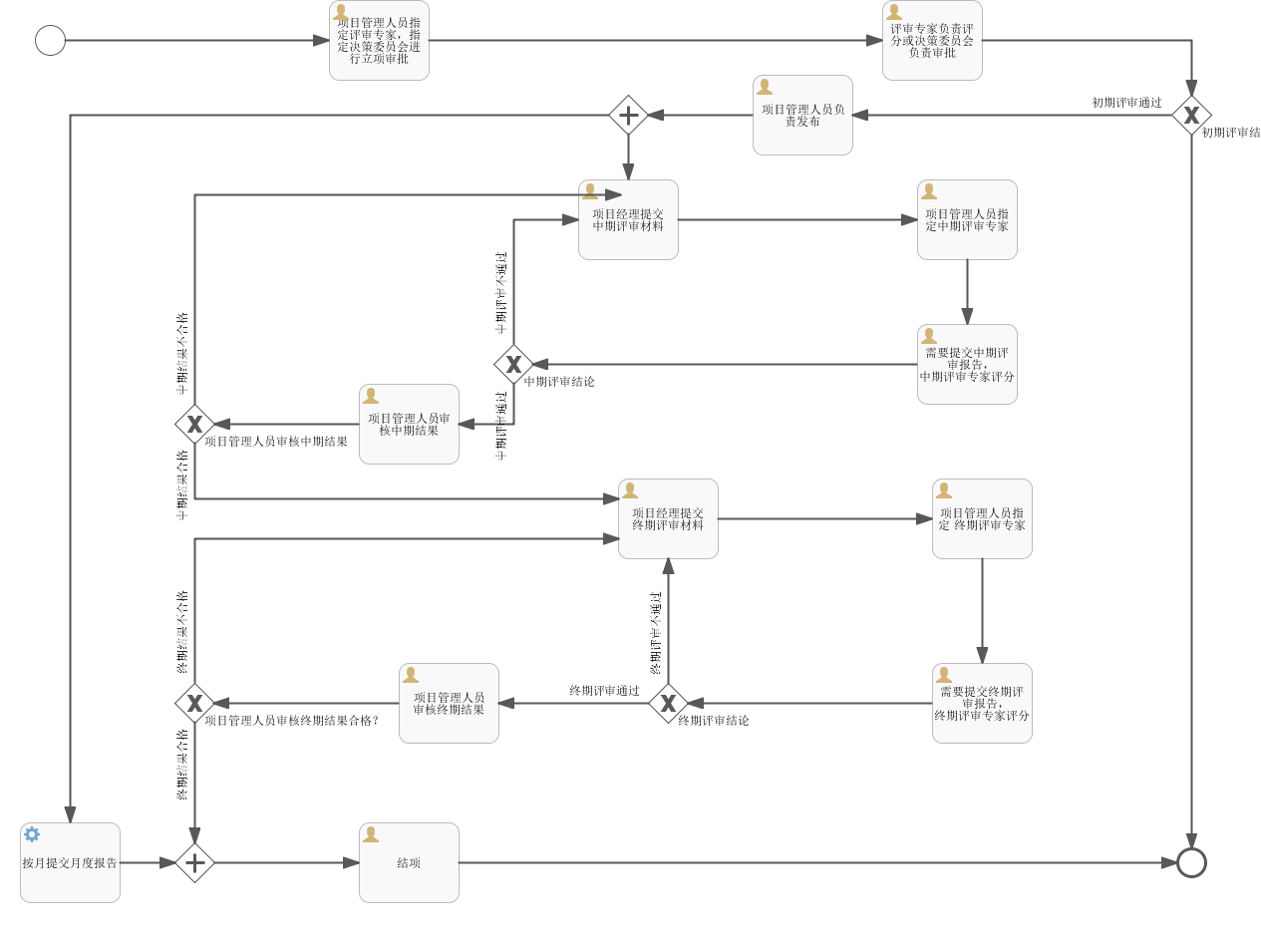
决策委员会：审批项目申请。

部门领导：审批项目申请。

# 方案设计

系统采用B/S结构，使用Struts + Spring + Mybatis + MySQL 构建，使用Activiti流程引擎进行项目流程的管理。

# 业务流程设计



# 数据库表设计

## Activiti自动生成的25张表

## 项目数据相关表

tb\_project 项目表

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| project\_id | bigint | 20 | 项目ID |
| project\_name | varchar | 255 | 项目名称 |
| project\_manager\_id | bigint | 20 | 项目经理ID(项目负责人) |
| category\_id | bigint | 20 | 项目类型ID(项目类别) |
| cycle\_type | varchar | 255 | 项目周期(按月还是周计) |
| state | varchar | 255 | 项目当前状态（正在进行、结项） |
| project\_process\_instance\_id | varchar | 100 | 项目流程实例ID |
| project\_ext\_info | varchar | 2048 | 项目扩展信息：{~~description项目描述~~  ~~startTime项目开始时间~~  ~~completeTime项目完成时间~~  ~~projectMilestone项目里程碑~~  projectDesc项目概述  projectbackground项目背景  projectTarget项目目标  projectScheduleAndOutput项目实施计划及输出  projectRisk项目预期的风险  innovationAndGeneralizability  项目创新性和推广性  } |
| project\_task\_detail | varchar | 2048 | 项目成员分工：  {  jobName岗位名称  jobRequirement岗位要求  d~~escription 任务描述~~  ~~username 用户名~~  ~~startTime 开始投入时间~~  ~~completeTime 完成时间~~  } |
| self\_appraise | varchar | 1024 | 项目经理自评 |
| depart\_leader\_appraise | varchar | 1024 | 部门经理评价 |
| project\_costs | varchar | 1024 | 项目预算{  序号 costId  支出名称costName  单价 unit cost  数量 number  小计 costSum  备注 costRemark  } |
| start\_time | date |  | 项目开始时间 |
| complete\_time | date |  | 项目完成时间 |
| project\_ apply \_time | date |  | 申请时间 |
| telno | varchar | 1024 | 联系电话 |
| email | varchar | 1024 | 电子邮箱 |
| project\_milestone | varchar | 1024 | 项目里程碑 |

tb\_user用户表

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| user\_id | bigint | 20 | 用户ID |
| user\_name | varchar | 255 | 用户名 |
| first\_name | varchar | 20 | 姓 |
| last\_name | varchar | 20 | 名 |
| Email | varchar | 255 | 用户邮箱 |
| depart | varchar | 255 | 所属部门 |
| job | varchar | 255 | 岗位 |

tb\_project\_category 项目种类表

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| category\_id | bigint | 20 | 项目类型ID |
| category\_name | varchar | 255 | 项目类型名称 |
| description | varcher | 1024 | 项目类型描述 |

tb\_project\_ annex 项目附件表

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| annex \_id | bigint | 20 | 附件ID |
| name | varchar | 255 | 附件名称 |
| type\_id | bigint | 20 | 附件类型ID |
| project\_id | bigint | 20 | 项目ID |
| path | varchar | 1024 | 附件服务器存储路径 |

tb\_annex\_type 附件类型

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| type\_id | bigint | 20 | 附件类型ID |
| type\_name | varchar | 255 | 附件类型名称（附件、中期评审材料、中期评审报告、终期评审材料、终期评审报告、项目周期报告） |
| description | varcher | 1024 | 附件类型描述 |

tb\_ expert\_review专家评审记录表

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| record\_id | bigint | 20 | 评审ID |
| project\_id | bigint | 20 | 项目ID |
| time | date |  | 评审时间 |
| room | varchar | 512 | 评审地点 |
| expert\_score | varchar | 1024 | 专家评分记录：  {  username 用户名  score 评分  } |

tb\_committee\_approval决策委员会审批记录

|  |  |  |  |
| --- | --- | --- | --- |
| record\_id | bigint | 20 | 评审ID |
| project\_id | bigint | 20 | 项目ID |
| time | date |  | 审批时间 |
| conclusion | varchar | 255 | 审批结论 |
| user\_id | bigint | 20 | 审批者 |

tb\_departleader\_approval部门领导审批记录

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| record\_id | bigint | 20 | 评审ID |
| project\_id | bigint | 20 | 项目ID |
| time | date |  | 评审时间 |
| conclusion | varchar | 255 | 审批结论 |
| user\_id | bigint | 20 | 审批者 |

# 后台管理权限系统接口

## 登录、注销

#### 登录

请求连接 ：http://localhost:8080/authority\_ms/login/tologin

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.username":"登录名称",  "request.password":"123456"  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  "user":{  "id":1,  "username":"administrator",  "firstname":"zhang",  "lastname":"san",  "phone":"123123123",  "email":"33@qq.com",  "birthday":"",  "address":"",  "sex":"0",  "imgurl":"",  "status":"0",  "departmentId":""  }  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |
|  |  |  |

#### 注销

请求连接 ：http://localhost:8080/authority\_ms/logout

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 查询项目的基本路径

请求连接 ：http://localhost:8080/authority\_ms/login/getContextPath

请求参数 ：无

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0","responseInfo":{"contextPath":""}}  或者  {"result":"0","responseInfo":{"contextPath":"/authority\_ms"}} | |
| 参数 | 名称 | 说明 |
|  | contextPath | 项目的基本路径 |
|  |  |  |

## 用户管理

#### 查询用户列表

请求连接 ：http://localhost:8080/authority\_ms/management/user/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.username":"查询用户名",  "request.roleId":"角色id",  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | keywords | 查询关键字：登录名称， 不填参数查全部 |
|  | pageNum | 第几页 |
|  | pageSize | 每页记录条数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "page":{"totalNum":25,"pageNum":1,"pageSize":2,"startRow":1,"pages":13,"orderField":"","direct":"DESC"},  "lists":  [{"id":1,"username":"admin","firstname":"super","lastname":"man","phone":"","email":"",  "birthday":"Oct 19, 2016 10:01:14 AM",  "address":"","imgurl":"","cardno":"","cardtype":0,"sex":0,"createTime":"Oct 19, 2016 10:01:16 AM","status":0,"roles":[{"name":"administrator","description":"","id":1}]  }]  }  } | |
| 参数 | 名称 | 说明 |
|  | lists | status：用户状态 1有效 0无效  sex：性别 1女 0 男 |
|  |  |  |

#### 新增用户页面 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/user/create

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.username":"登录名称",  "request.firstname":"",  "request.lastname":"",  "request.birthday":"",  "request.address":"",  "request.sex":0,  "request.phone":"13512378944",  " request.email":"459489@qq.com",  " request.password":"123456",  " request.roleIds":[3,4]  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  | "request.roleIds":[3,4] | 角色id数组  例：  未选中： {"id":2,"roleIds":[]}  选中一个角色：{"id":2,"roleIds":[3]}  选中多个角色：{"id":2,"roleIds":[3,4]}, |
|  |  |  |

#### 修改用户页面 保存按钮（管理员修改用户信息）

请求连接 ：http://localhost:8080/authority\_ms/management/user/update

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":1,  " request.username":"登录名称",  " request.firstname":"",  " request.lastname":"",  "request.birthday":"",  "request.address":"",  "request.sex":0,  "request.imgurl":"图片地址",  "request.phone":"13512378944",  " request.email":"459489@qq.com",  " request.roleId":[3,4]  } | | |
|  | 名称 | | 说明 |
|  | request.roleIds | 角色id数组  例：  未选中： {"id":2,"roleIds":[]}  选中一个角色：{"id":2,"roleIds":[3]}  选中多个角色：{"id":2,"roleIds":[3,4]}, | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 修改用户页面 保存按钮（用户修改自身信息）

请求连接 ：http://localhost:8080/authority\_ms/management/user/updateSelf

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":1,  " request.username":"登录名称",  " request.firstname":"",  " request.lastname":"",  "request.birthday":"",  "request.address":"",  "request.sex":0,  "request.imgurl":"图片地址",  "request.phone":"13512378944",  " request.email":"459489@qq.com"  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 查看用户信息

请求连接 ：http://localhost:8080/authority\_ms/management/user/getUser

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":""  } | |
|  | 名称 | 说明 |
|  | Request.id | 用户id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "entity":{  "id":1,  "username":"administrator",  "firstname":"zhang",  "lastname":"san",  "phone":"123123123",  "email":"33@qq.com",  "birthday":"",  "address":"",  "sex":"0",  "cardno":"",  "cardtype":0,  "status":"0",  "departmentId":"",  "roles"::[{"name":"administrator","description":"","id":1}]  }  } | |
| 参数 | 名称 | 说明 |
|  | lists | status：用户状态 1有效 0无效  sex：性别 1女 0 男 |
|  |  |  |

#### 用户密码重置

请求连接 ：http://localhost:8080/authority\_ms/management/user/resetPassword

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":3，  "request.password":12321  } | |
|  | 名称 | 说明 |
|  | Request.id | 用户id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 用户禁用、启用

请求连接 ：http://localhost:8080/authority\_ms/management/user/updateDisabled

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":1  } | | |
|  | 名称 | | 说明 |
|  | Id | 用户id | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |

#### 用户修改密码

请求连接 ：http://localhost:8080/authority\_ms/management/user/updatePassword

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  " request.newPassword":123232,  " request.oldPassword":123232  } | | |
|  | 名称 | | 说明 |
|  |  |  | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  | " request.newPassword" | 新密码 |
|  | " request.oldPassword" | 原密码 |

#### 删除用户

请求连接 ：http://localhost:8080/authority\_ms/management/user/delete

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":2  } | | |
|  | 名称 | | 说明 |
|  | id | 用户id | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 获取多个角色下 有权限的菜单按钮信息(树形)

请求连接 ：http://localhost:8080/authority\_ms/management/role/getMenuFunctions

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.roleIds":[1,2]  } | |
|  | 名称 | 说明 |
|  | roleIds | 角色id数组 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "menuFunctions":  [  {  "functions":[],"remark":"","id":1",name":"management","action":"/management/user/list","imgurl":"/",  "description":"系统管理","sn":"Management","priority":1,  "children":[  {"remark":"","id":3,"name":"usermanagement","action":"/management/user/list","imgurl":"/",  "description":"用户管理","sn":"User","priority":2,"parent\_id":1,"children":[],  "functions":[  {"menu\_id":3,"name":"adduser","action":"/management/user/create",  "description":"新增用户","sn":"User:add","priority":1,"remark":"","id":1}  ] },  {"name":"rolemanagement","action":"/management/role/list","imgurl":"/",  "description":"角色管理","sn":"Role","priority":3,"parent\_id":1,"children":[],"functions":[],  "remark":"","id":4}  ]  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | responseInfo.role | 角色权限信息 |
|  |  |  |
|  |  |  |

#### 获取当前登录用户 有权限的菜单按钮信息

请求连接 ：http://localhost:8080/authority\_ms/management/role/getModules

请求参数 ：无

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "module":  [{  "name":"MENU\_USER\_CENTER","action":"/views/userCenter/userInfo.html","imgurl":"fa-user",  "description":"用户中心","sn":"User","priority":3,  "children":[ {  "id":6,"name":"MENU\_USER\_MS","action":"/views/userCenter/userManage.html","imgurl":"/",  "description":"用户管理","sn":"UserManage","priority":6,"parent\_id":3,"children":[],  "functions":[ {"menu\_id":6,"name":"adduser","action":"/management/user/create",  "description":"新增用户","sn":"User:add","priority":1,"remark":"","id":1 }]  }]  } ]  }  } | |
| 参数 | 名称 | 说明 |
|  | responseInfo. module | 菜单按钮信息 |
|  |  |  |
|  |  |  |

## 角色管理

#### 查询角色列表

请求连接 ：http://localhost:8080/authority\_ms/management/role/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.keywords":"",  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | keywords | 查询关键字： |
|  | pageNum | 第几页 |
|  | pageSize | 每页记录条数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "page":{"totalNum":6,"pageNum":1,"pageSize":15,"startRow":1,"pages":1,"orderField":"","direct":"DESC"},  "lists":[  {"name":"administrator","description": "" ,"id":1},  {"name":"user", "description": "","id":3},  {"name":"user", "description": "" ,"id":4}  ]  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |
|  |  |  |

#### 查询某个角色下面 所有的用户列表

请求连接 ：http://localhost:8080/authority\_ms/management/user/getRoleUsers/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.role\_id":1,  "request. containRoleId":0,  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | pageNum | 第几页 |
|  | pageSize | 每页记录条数 |
|  | containRoleId | 0 表示查询该角色下的用户列表 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "page":{"totalNum":25,"pageNum":1,"pageSize":2,"startRow":1,"pages":13,"orderField":"","direct":"DESC"},  "lists":  [{"id":1,"username":"admin","firstname":"super","lastname":"man","phone":"","email":"",  "birthday":"Oct 19, 2016 10:01:14 AM","address":"","imgurl":"","cardno":"","sex":0,"createTime":"Oct 19, 2016 10:01:16 AM","status":0  }]  }  } | |
| 参数 | 名称 | 说明 |
|  | lists | status：用户状态 1有效 0无效  sex：性别 1女 0 男 |
|  |  |  |

#### 查询非某个角色下面 所有的用户列表

请求连接 ：http://localhost:8080/authority\_ms/management/user/getRoleUsers/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.role\_id":1,  "request. containRoleId":1,  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | pageNum | 第几页 |
|  | pageSize | 每页记录条数 |
|  | containRoleId | 1 表示查询非该角色下的用户列表 |

返回参数

同上个接口一样

#### 查询所有角色列表

请求连接 ：http://localhost:8080/authority\_ms/management/role/getAll

请求参数 ：无

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "roles":[  {"name":"administrator","description": "" ,"id":1},  {"name":"user", "description": "","id":3},  {"name":"user", "description": "" ,"id":4}  ]  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |
|  |  |  |

#### 获取单个角色下 有权限的菜单按钮信息（数组id的形式，非树形）

请求连接 ：http://localhost:8080/authority\_ms/management/role/getMenuFunctionIds

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.roleId":1  } | |
|  | 名称 | 说明 |
|  | roleId | 角色id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "permissions":  [  {"resource\_id":2,"resource\_type":0,"id":2}  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | responseInfo. permissions | 角色权限信息 |
|  | resource\_id | 资源id |
|  | resource\_type | 资源类型0：菜单 1：按钮 |
|  | id | 角色资源id（不用关心） |

#### 获取单个角色下 所有的菜单按钮信息（树形，对有权限的进行选中）

请求连接 ：http://localhost:8080/authority\_ms/management/role/getMenuFunctionsChecked

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.roleId":1  } | |
|  | 名称 | 说明 |
|  | roleId | 角色id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "menuFunctions":  [  {  "functions":[],"remark":"","id":1",name":"management","action":"/management/user/list","imgurl":"/",  "description":"系统管理","sn":"Management","priority":1, "checked":true,  "children":[  {"remark":"","id":3,"name":"usermanagement","action":"/management/user/list","imgurl":"/",  "description":"用户管理","sn":"User","priority":2,"parent\_id":1, "checked":true,  "children":[],  "functions":[  {"menu\_id":3,"name":"adduser","action":"/management/user/create","checked":true,  "description":"新增用户","sn":"User:add","priority":1,"remark":"","id":1}  ] },  {"name":"rolemanagement","action":"/management/role/list","imgurl":"/","checked":true,  "description":"角色管理","sn":"Role","priority":3,"parent\_id":1,"children":[],"functions":[],  "remark":"","id":4}  ]  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | checked | 选中。True 表示有权限。 False表示无权限 |
|  |  |  |

#### 获取所有的菜单按钮信息(树形)

请求连接 ：http://localhost:8080/authority\_ms/management/role/getAllModules

请求参数 ：无

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "module":  [{  "name":"MENU\_USER\_CENTER","action":"/views/userCenter/userInfo.html","imgurl":"fa-user",  "description":"用户中心","sn":"User","priority":3,  "children":[ {  "id":6,"name":"MENU\_USER\_MS","action":"/views/userCenter/userManage.html","imgurl":"/",  "description":"用户管理","sn":"UserManage","priority":6,"parent\_id":3,"children":[],  "functions":[ {"menu\_id":6,"name":"adduser","action":"/management/user/create",  "description":"新增用户","sn":"User:add","priority":1,"remark":"","id":1 }]  }]  } ]  }  } | |
| 参数 | 名称 | 说明 |
|  | responseInfo. module | 菜单按钮信息 |
|  |  |  |
|  |  |  |

#### 新增角色基本信息 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/role/create

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.name":"角色名称"，  "request.description":""  } | |
|  | 名称 | 说明 |
|  |  |  |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 修改角色基本信息 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/role/update

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":2,  "request.name":"",  "request.description":"",  } | | |
|  | 名称 | | 说明 |
|  | id | 角色id | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 修改角色-权限页面 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/role/updateInfo

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":2,  "request.menus":[1,2],  "request.functions":[1,2]  } | | |
|  | 名称 | | 说明 |
|  | id | 角色id | |
|  | request.menus | 菜单id数组 | |
|  | request.functions | 按钮id数组 | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

删除角色前，判断角色是否被分配到某些用户，若存在，就不允许删除，请先删除用户和角色的关联关系。

删除权限前，判断权限是否被分配到某些角色，若存在，就不允许删除，请先删除角色和权限的关联关系。

#### 添加用户

请求连接 ：http://localhost:8080/authority\_ms/management/role/addUser

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.roleId":2  " request.userIds":[1,2]  } | |
|  | 名称 | 说明 |
|  | request.roleId | 角色id |
|  | request.userIds | 用户id数组 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |
|  |  |  |

#### 移除用户

请求连接 ：http://localhost:8080/authority\_ms/management/role/removeUser

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.roleId":2  " request.userIds":[1,2]  } | |
|  | 名称 | 说明 |
|  | request.roleId | 角色id |
|  | request.userIds | 用户id数组 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |
|  |  |  |

#### 删除角色

请求连接 ：http://localhost:8080/authority\_ms/management/role/delete

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":5  } | |
|  | 名称 | 说明 |
|  | id | 角色id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |
|  |  |  |

## 通用业务接口

#### 新增业务页面 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/business/create

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.type":"bts",  "request.department\_id":1,  "request.dataId":"111",  "request.dataGroupId":"001",  "request.data1":JSON.stringify({"id":1, "name":"zhagnsan"}),  "request.data2":JSON.stringify({"id":1, "name":"zhagnsan"}),  "request.data3":JSON.stringify({"id":1, "name":"zhagnsan"}),  "request.remark":"remark",  "request.queryKey":"query"  } | | |
| 参数 | 名称 | | 说明 |
|  | "request. type" | 业务类型 | |
|  | "request.department\_id" | 所属部门 | |
|  | "request.dataId" | 数据id | |
|  | "request.dataGroupId" | 数据分组id | |
|  | "request.data1"  "request.data2"  "request.data3" | 数据json字符串 | |
|  | "request.queryKey" | 查询关键字 | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 修改业务页面 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/business/update

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":2,  "request.type":"bts",  "request.department\_id":1,  "request.dataId":"111",  "request.dataGroupId":"001",  "request.data1":JSON.stringify({"id":1,"name":"zhagnsan","sex":"1"}),  "request.data2":JSON.stringify({"id":1, "name":"zhagnsan"}),  "request.data3":JSON.stringify({"id":1, "name":"zhagnsan"}),  "request.remark":"remark",  "request.queryKey":"query"  } | | |
| 参数 | 名称 | | 说明 |
|  | "request. type" | 业务类型 | |
|  | "request.department\_id" | 所属部门 | |
|  | "request.dataId" | 数据id | |
|  | "request.dataGroupId" | 数据分组id | |
|  | "request.data1"  "request.data2"  "request.data3" | 数据json字符串 | |
|  | "request.queryKey" | 查询关键字 | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 查看业务信息

请求连接 ：http://localhost:8080/authority\_ms/management/business/getBusiness

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":""  } | |
|  | 名称 | 说明 |
|  | Request.id | 业务id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "entity":{  "no":"","type":"bts","dataId":"111","dataGroupId":"001","createTime":"Nov 1, 2016 5:35:00 PM",  "createUser":1,"data1":"{\"id\":1,\"name\":\"zhagnsan\"}","data2":"","data3":"",  "remark":"remark","queryKey":"query","id":1  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 查询业务列表

请求连接 ：http://localhost:8080/authority\_ms/management/business/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.type:"业务类型",  "request.no":"业务编号",  "request.department\_id":1,  "request.querykey":"业务查询关键字",  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | request.department\_id | 部门id |
|  | pageNum | 第几页 |
|  | pageSize | 每页记录条数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "page":{"totalNum":25,"pageNum":1,"pageSize":2,"startRow":1,"pages":13,"orderField":"","direct":"DESC"},  "lists":  [{"no":"","type":"bts","dataId":"111","dataGroupId":"001","createTime":"Nov 1, 2016 5:35:00 PM","createUser":1,"data1":"{\"id\":1,\"name\":\"zhagnsan\"}","data2":"","data3":"","remark":"remark","queryKey":"query","id":1}]  }]  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 删除业务

请求连接 ：http://localhost:8080/authority\_ms/management/business/delete

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  " request.id":1  } | |
|  | 名称 | 说明 |
|  | id | 业务id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |
|  |  |  |

## 部门管理

#### 新增部门 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/department/create

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.name":"部门名",  "request.description":"部门描述",  "request.parent\_id":1  } | | |
| 参数 | 名称 | | 说明 |
|  |  |  | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 修改部门 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/department/update

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":1,  "request.name":"部门名",  "request.description":"部门描述",  "request.parent\_id":1  } | | |
| 参数 | 名称 | | 说明 |
|  |  |  | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 移动部门 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/department/update

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":1,  "request.parent\_id":1  } | | |
| 参数 | 名称 | | 说明 |
|  | "request.parent\_id" | 移动部门后的id | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 删除部门 保存按钮

请求连接 ：http://localhost:8080/authority\_ms/management/department/delete

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":1  } | | |
| 参数 | 名称 | | 说明 |
|  |  |  | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 查看部门信息

请求连接 ：http://localhost:8080/authority\_ms/management/department/getDepartment

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.id":""  } | |
|  | 名称 | 说明 |
|  | Request.id | 业务id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "entity":{  "parent\_id":2,"name":"部门名称","description":"","priority":99,"children":[],"id":4  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 查询部门下的用户列表

请求连接 ：http://localhost:8080/authority\_ms/management/user/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.department\_id":"部门id",  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  |  |  |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":  {  "page":{"totalNum":25,"pageNum":1,"pageSize":2,"startRow":1,"pages":13,"orderField":"","direct":"DESC"},  "lists":  [{"id":1,"username":"admin","firstname":"super","lastname":"man","phone":"","email":"",  "birthday":"Oct 19, 2016 10:01:14 AM",  "address":"","imgurl":"","cardno":"","cardtype":0,"sex":0,"createTime":"Oct 19, 2016 10:01:16 AM","status":0,"roles":[{"name":"administrator","description":"","id":1}]  }]  }  } | |
| 参数 | 名称 | 说明 |
|  | lists | status：用户状态 1有效 0无效  sex：性别 1女 0 男 |
|  |  |  |

#### 用户移动部门

请求连接 ：http://localhost:8080/authority\_ms/management/department/moveUser

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.userIds":[2,3],  "request.department\_id":1  } | | |
| 参数 | 名称 | | 说明 |
|  | "request. userIds " | 用户id | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  |  |  |