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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SpringMVC + Spring + Mybatis + MySQL 构建，使用Activiti流程引擎进行项目流程的管理。

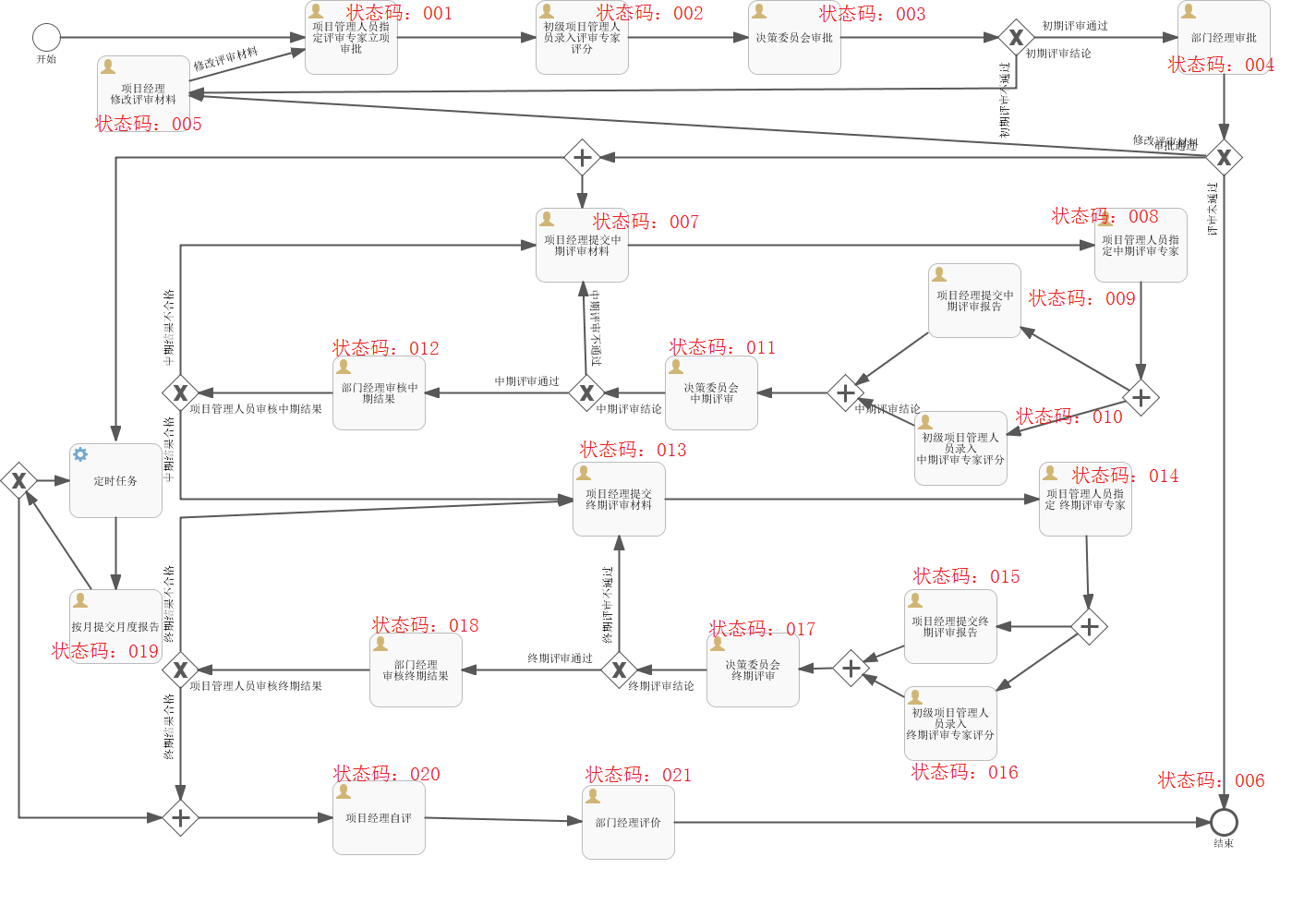
## 项目状态

|  |  |
| --- | --- |
| **状态编号 state** | **状态名称 stateName** |
| 001 | 指定评审专家 |
| 002 | 专家评分 |
| 003 | 决策委员会评审 |
| 004 | 部门经理评审 |
| 005 | 待修改 |
| 006 | 结项 |

## 系统中现有角色

|  |  |  |
| --- | --- | --- |
| 角色ID | 角色名称 | 角色描述 |
| 1 | administrator | 系统管理员 |
| 14 | projectManager | 项目经理 |
| 15 | CooMartsOfficer | CooMarts管理人员 |
| 16 | departLeader | 部门领导 |
| 17 | committee | 决策委员会 |
| 18 | CamTalkOfficer | CamTalk管理人员 |
| 19 | LotteryOfficer | Lottery管理人员 |

# 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) |
| subcategory\_id | bigint | 20 | 项目子类型ID |
| 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\_task\_id | varchar | 255 | 项目当前所处任务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\_subcategory 项目子类表

|  |  |  |  |
| --- | --- | --- | --- |
| 名 | 类型 | 长度 | 描述 |
| subcategory\_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 |
| category\_id | bigint | 20 | 项目类型ID |

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\_list | varchar | 1024 | 评审专家列表 |
| 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 |
| comments | varchar | 1024 | 审批意见 |
| 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 |
| comments | varchar | 1024 | 审批意见 |
| user\_id | bigint | 20 | 审批者 |

# 项目流程管理系统接口

## 项目状态

|  |  |
| --- | --- |
| **状态编号 state** | **状态名称 stateName** |
| 001 | 指定评审专家 |
| 002 | 专家评分 |
| 003 | 决策委员会评审 |
| 004 | 部门经理评审 |
| 005 | 待修改 |
| 006 | 结项 |

## 登录、注销

#### 登录

请求连接 ：http://localhost:8080/process/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/process/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/process/login/getContextPath

请求参数 ：无

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0","responseInfo":{"contextPath":""}}  或者  {"result":"0","responseInfo":{"contextPath":"/process"}} | |
| 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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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 |
|  |  |  |
|  |  |  |

#### 注册用户页面 用户注册（项目经理）

请求连接 ：http://localhost:8080/process/management/user/register

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.company\_name":"信威"  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据 |

#### 获取新注册的用户信息

请求连接 ：http://localhost:8080/process/management/user/getRigisterUserInfo

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.userId":"21"  } | |
|  | 名称 | 说明 |
|  | userId | 用户ID |

返回参数：

（1）如果用户在注册时新创建了单位

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "company": {  "companyId": 1000000,  "companyName": "xinwei1",  "companyProperty": "xxxx",  "certificateType": "bbbb",  "certificateId": 55547584,  "registerAddress": "registerAddress",  "businessAddress": "businessAddress",  "linkMan": "LinkMan",  "linkTel": "158345354646",  "email": "1122@133.com",  "createPerson": "createPerson",  "createTime": "2017-02-14 13:28:00",  "approvePerson": "ApprovePerson",  "approveTime": "2017-02-14 13:28:00",  "currentStatus": "0"  },  "user": {  "username": "xjkTest",  "firstname": "xjkTest",  "lastname": "xjkTest",  "plainPassword": null,  "phone": "",  "email": "",  "birthday": "2017-02-17 17:30:34",  "address": "",  "sex": 0,  "imgurl": "",  "department\_id": null,  "cardno": "",  "cardtype": 0,  "remark": null,  "company\_name": "xinwei1",  "createTime": "2017-02-17 17:40:57",  "status": 0,  "isDisabled": 0,  "approvalStatus": 0,  "roleIds": [ ],  "roles": [ ],  "id": 32  }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据（用户信息，单位信息） |

（2）如果用户在注册时单位为已有单位。

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "user": {  "username": "xjkTest02",  "firstname": "xjkTest02",  "lastname": "xjkTest02",  "plainPassword": null,  "phone": "",  "email": "",  "birthday": "2017-02-17 19:39:14",  "address": "",  "sex": 0,  "imgurl": "",  "department\_id": null,  "cardno": "",  "cardtype": 0,  "remark": null,  "company\_name": "xinwei2",  "createTime": "2017-02-17 19:49:41",  "status": 0,  "isDisabled": 0,  "approvalStatus": 0,  "roleIds": [ ],  "roles": [ ],  "id": 33  }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据（用户信息） |

#### 管理员审核新注册用户

请求连接 ：http://localhost:8080/process/management/user/approval

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.userId":"21",  "request.companyId":"100001",  "request.approvalResult":"pass"  } | |
|  | 名称 | 说明 |
|  | userId | 用户ID |
|  | companyId | 单位ID（注册时单位为已审核单位，则companyId为空） |
|  | approvalResult | 审批结果 （通过：pass，不通过：reject） |

返回参数：

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据 |

## 角色管理

#### 查询角色列表

请求连接 ：http://localhost:8080/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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/process/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 |
|  |  |  |

## 项目管理

### 创建新项目申请（或进行修改后保存）

请求连接 ：http://localhost:8080/process/project/create

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.projectId":"项目编号",//新创建项目无，由后台返回  "request.projectName":"项目名称",  "request.projectManagerId":"项目负责人ID",  "request.projectManagerName":"项目负责人姓名",  "request.categoryId":"项目类别ID",  "request.subcategory":"项目子类别",  "request.cycleType":"项目周期",  "request.projectExtInfo":"项目扩展信息",  "request.projectTaskDetail":"项目成员分工",  "request.projectCosts":"项目预算",  "request.startTime":"项目开始时间",  "request.completeTime":"项目完成时间",  "request.telno":"联系电话",  "request.email":"电子邮箱",  "request.projectMilestone":"项目里程碑"  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "projetId": "1000001"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目编号) |
|  |  |  |

### 分页查询我申请的项目列表

请求连接 ：http://localhost:8080/process/project/myprojects/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.userId":"项目经理id",  "request.categoryId ":"项目类型id",  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | userId | 用户id |
|  | categoryId | 项目类型id |
|  | pageNum | 当前页码 |
|  | pageSize | 每页记录数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "page": {  "totalNum": 7,  "pageNum": 1,  "pageSize": 10,  "startRow": 0,  "pages": 1,  "orderField": "",  "direct": "DESC"  },  "lists": [  {  "projectId": 1000001,  "projectName": "newCoomarts",  "projectManagerId": 4,  "projectManagerName": "projectManagerA",  "categoryId": 1,  "subcategory": "[{\"value\":\"???\",\"id\":\"002\"}]",  "cycleType": "[{\"value\":\"1?\",\"id\":\"001\"}]",  "mainCurrentState": "{\"state\":\"001\",\"stateName\":\"项目管理人员指定评审专家立项审批\",\"taskId\":\"895011\"}", //主流程当前状态  "mainPreviousState": null, //主流程上一状态  "changeCurrentState": null,//变更流程当前状态  "changePreviousState": null, //变更流程上一状态  "changeDataId": null,  "reportCurrentState": null,//周期性报告状态  "changeProcessInstanceId": null,  "projectProcessInstanceId": "895001",  "projectExtInfo": "[{\"taskDescribe\":\"asdfasdf\",\"taskbackground\":\"asdfasdf\",\"taskgoal\":\"asdfasdf\",\"taskDanger\":\"asdfasdf\",\"taskcreate\":\"asdf\",\"taskplan\":\"[{\\\"planTime\\\":\\\"asdfas\\\",\\\"planContext\\\":\\\"asdf\\\",\\\"planOutPUT\\\":\\\"asdf\\\",\\\"planOutWord\\\":\\\"asdf\\\"}]\"}]",  "projectTaskDetail": "[{\"postName\":\"asdfasd\",\"requireName\":\"asdfasdf\"}]",  "selfAppraise": null,  "departLeaderAppraise": null,  "projectCosts": "[{\"payName\":\"asdfasdf\",\"payPrice\":\"asdfas\",\"payNumber\":\"asdf\",\"paySbutotal\":\"asdf\",\"payRemarks\":\"asdf\"}]",  "startTime": "2017-02-13 21:21:22",  "completeTime": "2018-02-13 21:21:22",  "projectApplyTime": "2017-02-13 21:21:58",  "telno": "111111",  "email": "111@163.com",  "projectMilestone": "?????",  "state": "start"  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目列表) |
|  |  |  |

如果记录数为空返回结果为：

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0",  "responseInfo":{  "page":{"totalNum":0,"pageNum":0,"pageSize":10,  "startRow":0,"pages":0,"orderField":"",  "direct":"DESC"},  "lists":[]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目列表) |
|  |  |  |

### 分页查询我已完成的项目列表

请求连接 ：http://localhost:8080/process/project/getFinishedProjectListByUserId/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.userId":"项目经理id",  "request.categoryId ":"项目类型id",  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | userId | 用户id |
|  | categoryId | 项目类型id |
|  | pageNum | 当前页码 |
|  | pageSize | 每页记录数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo": {  "page": {  "totalNum": 3,  "pageNum": 1,  "pageSize": 15,  "startRow": 0,  "pages": 1,  "orderField": "",  "direct": "DESC"  },  "lists": [  {  "projectId": 1000001,  "projectName": "newCoomarts",  "projectManagerId": 4,  "projectManagerName": "projectManagerA",  "categoryId": 1,  "subcategory": "[{\"value\":\"???\",\"id\":\"002\"}]",  "cycleType": "[{\"value\":\"1?\",\"id\":\"001\"}]",  "mainCurrentState": "{\"state\":\"001\",\"stateName\":\"项目管理人员指定评审专家立项审批\",\"taskId\":\"895011\"}",  "mainPreviousState": null,  "changeCurrentState": null,  "changePreviousState": null,  "changeDataId": null,  "reportCurrentState": null,  "changeProcessInstanceId": null,  "projectProcessInstanceId": "895001",  "projectExtInfo": "[{\"taskDescribe\":\"asdfasdf\",\"taskbackground\":\"asdfasdf\",\"taskgoal\":\"asdfasdf\",\"taskDanger\":\"asdfasdf\",\"taskcreate\":\"asdf\",\"taskplan\":\"[{\\\"planTime\\\":\\\"asdfas\\\",\\\"planContext\\\":\\\"asdf\\\",\\\"planOutPUT\\\":\\\"asdf\\\",\\\"planOutWord\\\":\\\"asdf\\\"}]\"}]",  "projectTaskDetail": "[{\"postName\":\"asdfasd\",\"requireName\":\"asdfasdf\"}]",  "selfAppraise": null,  "departLeaderAppraise": null,  "projectCosts": "[{\"payName\":\"asdfasdf\",\"payPrice\":\"asdfas\",\"payNumber\":\"asdf\",\"paySbutotal\":\"asdf\",\"payRemarks\":\"asdf\"}]",  "startTime": "2017-02-13 21:21:22",  "completeTime": "2018-02-13 21:21:22",  "projectApplyTime": "2017-02-13 21:21:58",  "telno": "111111",  "email": "111@163.com",  "projectMilestone": "?????",  "state": "start"  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目列表) |
|  |  |  |

如果记录数为空返回结果为：

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0",  "responseInfo":{  "page":{"totalNum":0,"pageNum":0,"pageSize":10,  "startRow":0,"pages":0,"orderField":"",  "direct":"DESC"},  "lists":[]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目列表) |
|  |  |  |

### 查看项目的基本信息

请求连接 ：http://localhost:8080/process/project/detail

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.projectId":"项目id"  } | |
|  | 名称 | 说明 |
|  | projectId | 项目ID |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "poject": {  "projectId": 1000000,  "projectName": "test01",  "projectManagerId": 4,  "projectManagerName": "projectManagerA",  "categoryId": 1,  "subcategory": "[{\"value\":\"核心网\",\"id\":\"002\"}]",  "cycleType": "[{\"value\":\"1年\",\"id\":\"001\"}]",  "mainCurrentState": "{\"state\":\"007\",\"stateName\":\"项目经理提交中期评审材料\",\"taskId\":\"925005\"}",  "mainPreviousState": "{\"state\":\"006\",\"stateName\":\"尽职调查\",\"taskId\":\"922517\"}",  "changeCurrentState": null,  "changePreviousState": null,  "changeDataId": null,  "reportCurrentState": "{\"state\":\"019\",\"stateName\":\"提交周期性报告\",\"taskId\":\"927504\"}",  "changeProcessInstanceId": null,  "projectProcessInstanceId": "920005",  "projectExtInfo": "[{\"taskDescribe\":\"aa\",\"taskbackground\":\"aa\",\"taskgoal\":\"a\",\"taskDanger\":\"a\",\"taskcreate\":\"a\",\"taskplan\":\"[{\\\"planTime\\\":\\\"1\\\",\\\"planContext\\\":\\\"1\\\",\\\"planOutPUT\\\":\\\"1\\\",\\\"planOutWord\\\":\\\"1\\\"}]\"}]",  "projectTaskDetail": "[{\"postName\":\"1\",\"requireName\":\"1\"}]",  "selfAppraise": null,  "departLeaderAppraise": null,  "projectCosts": "[{\"payName\":\"1\",\"payPrice\":\"1\",\"payNumber\":\"1\",\"paySbutotal\":\"1\",\"payRemarks\":\"1\"}]",  "startTime": "2017-02-15 17:53:11",  "completeTime": "2018-02-15 17:53:11",  "projectApplyTime": "2017-02-15 17:54:01",  "telno": "123456",  "email": "123@163.com",  "projectMilestone": "项目里程碑",  "state": "start"  }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目信息) |
|  |  |  |

### 查看项目的基本信息和项目经理的信息

请求连接 ：http://localhost:8080/process/project/getProjectAndProjectManagerInfo

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.projectId":"项目id"  } | |
|  | 名称 | 说明 |
|  | projectId | 项目ID |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "project": {  "projectId": 1000002,  "projectName": "xjkTest01",  "projectManagerId": 4,  "projectManagerName": "projectManagerA",  "categoryId": 1,  "subcategory": "[{\"value\":\"???\",\"id\":\"002\"}]",  "cycleType": "[{\"value\":\"1?\",\"id\":\"001\"}]",  "mainCurrentState": null,  "mainPreviousState": null,  "changeCurrentState": null,  "changePreviousState": null,  "changeDataId": null,  "reportCurrentState": null,  "changeProcessInstanceId": null,  "projectProcessInstanceId": null,  "projectExtInfo": "[{\"taskDescribe\":\"miaoshu\",\"taskbackground\":\"beijing\",\"taskgoal\":\"mubiao\",\"taskDanger\":\"fengxian\",\"taskcreate\":\"chuangxin\",\"taskplan\":\"[{\\\"planTime\\\":\\\"2017-02-14\\\",\\\"planContext\\\":\\\"a\\\",\\\"planOutPUT\\\":\\\"a\\\",\\\"planOutWord\\\":\\\"a\\\"}]\"}]",  "projectTaskDetail": "[{\"postName\":\"java\",\"requireName\":\"java\"}]",  "selfAppraise": null,  "departLeaderAppraise": null,  "projectCosts": "[{\"payName\":\"a\",\"payPrice\":\"1\",\"payNumber\":\"1\",\"paySbutotal\":\"1\",\"payRemarks\":\"1\"}]",  "startTime": "2017-02-13 21:06:53",  "completeTime": "2018-02-13 21:06:53",  "projectApplyTime": "2017-02-13 21:08:56",  "telno": "13649212345",  "email": "123@163.com",  "projectMilestone": "?????",  "state": "start"  },  "projectManager": {  "username": "projectManagerA",  "firstname": "projectManagerA",  "lastname": "",  "plainPassword": null,  "phone": "13649312345",  "email": "123456@163.com",  "birthday": "2017-01-04 16:36:21",  "address": "",  "sex": 0,  "imgurl": "",  "department\_id": null,  "cardno": "123456789123456789",  "cardtype": 0,  "remark": null,  "company\_name": null,  "createTime": "2016-12-28 09:12:33",  "status": 0,  "isDisabled": 0,  "roleIds": [ ],  "roles": [ ],  "id": 4  }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目信息，项目经理信息) |
|  |  |  |

### 查看项目详细信息（包含项目各个阶段的信息）

请求连接 ：http://localhost:8080/process/project/getProjectDetailInfo

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.projectId":"项目id"  } | |
|  | 名称 | 说明 |
|  | projectId | 项目ID |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  "projectDetailInfo": {  "project": {  "projectId": 1000279,  "projectName": "xjkTest7",  "projectManagerId": 4,  "categoryId": 1,  "subcategoryId": 5,  "projectTaskId": "482514",  "cycleType": "1",  "state": "003",  "stateName": "???????",  "projectProcessInstanceId": "482505",  "projectExtInfo": "[{\"taskDescribe\":\"aa\",\"taskbackground\":\"aa\",\"taskgoal\":\"aa\",\"taskDanger\":\"aa\",\"taskcreate\":\"aa\",\"taskplan\":\"[{\\\"planTime\\\":\\\"a\\\",\\\"planContext\\\":\\\"a\\\",\\\"planOutPUT\\\":\\\"a\\\",\\\"planOutWord\\\":\\\"a\\\"}]\"}]",  "projectTaskDetail": "[{\"postName\":\"1\",\"requireName\":\"1\"}]",  "selfAppraise": "ssss54665",  "departLeaderAppraise": "ddddd23234",  "projectCosts": "[{\"payName\":\"aa\",\"payPrice\":\"1\",\"payNumber\":\"1\",\"paySbutotal\":\"1\",\"payRemarks\":\"1\"}]",  "startTime": "Jan 4, 2017 12:00:00 AM",  "completeTime": "Jan 4, 2018 12:00:00 AM",  "projectApplyTime": "Jan 4, 2017 2:42:08 PM",  "telno": "12388888",  "email": "123@163.com",  "projectMilestone": "?????"  },  "beginStage": {  "expertReview": [  {  "recordId": 1000058,  "projectId": 1000279,  "stage": "begin",  "time": "Jan 3, 2017 12:00:00 AM",  "expertList": "fangping",  "room": "2401",  "expertScore": "5",  "viewMaterials": [  {  "annexId": 2,  "annexName": "xboosSP21432222",  "typeId": 1,  "projectId": 1000279,  "path": "https://172.18.3.212/svn/Authority\_Repository/branches/process\_v0.5"  }  ]  }  ],  "committeeApproval": [  {  "recordId": 1000064,  "projectId": 1000279,  "stage": "begin",  "time": "Jan 4, 2017 2:44:47 PM",  "conclusion": "??",  "comments": "????",  "userId": 6  }  ],  "departleaderApproval": [  {  "recordId": 1000016,  "projectId": 1000279,  "stage": "begin",  "time": "Jan 4, 2017 1:55:41 PM",  "conclusion": "??",  "comments": "????",  "userId": 7  }  ]  },  "middleStage": {  "expertReview": [],  "committeeApproval": [],  "departleaderApproval": []  },  "lastStage": {  "expertReview": [],  "committeeApproval": [],  "departleaderApproval": []  },  "projectAnnexLists": [  {  "annexId": 1,  "annexName": "xboosSP2143333",  "typeId": 6,  "projectId": 1000279,  "path": "https://172.18.3.212/svn/Authority\_Repository/branches/process\_v0.5"  },  {  "annexId": 6,  "annexName": "xboosSP25666",  "typeId": 6,  "projectId": 1000279,  "path": "https://172.18.3.212/svn/Authority\_Repository/branches/process\_v0.5"  }  ]  }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目各阶段信息) |
|  |  |  |

### 分页查看尽职调查列表

请求连接 ：http://localhost:8080/process/project/getJZDCByProjectCategory/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.categoryId":"项目类别id"  } | |
|  | 名称 | 说明 |
|  | categoryId | 项目类别id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "page": {  "totalNum": 1,  "pageNum": 1,  "pageSize": 15,  "startRow": 0,  "pages": 1,  "orderField": "",  "direct": "DESC"  },  "lists": [  {  "dataId": "201702151947461016",  "projectCategory": "1",  "projectId": 1000000,  "serviceType": "jzdc",  "createPerson": "5",  "createTime": "2017-02-15 19:47:46",  "updatePerson": null,  "updateTime": "2017-02-15 19:47:46",  "result": "{\"result\":0}",  "serviceOwner": null,  "processInstanceId": "920005",  "taskId": "922517",  "extActivitiInfo": null,  "status": null,  "extStatus": null,  "data1": "{\"reportInfo\":{\"proposalManager\":\"asdf\",\"finishVerdict\":\"asdf\",\"evaluateManager\":\"asdf\",\"submitUser\":\"sadf\",\"submitTime\":\"asdf\",\"answer\":\"\"},\"questionList\":[{\"id\":\"q-15-NQM7\",\"type\":\"radio\",\"title\":\"??????????????\",\"required\":true,\"answer\":\"\",\"content\":\"\",\"$$hashKey\":\"object:66\"},{\"id\":\"q-15-NQM8\",\"type\":\"checkbox\",\"title\":\"????????????????????\",\"description\":\"\",\"required\":true,\"answer\":\"\",\"content\":\"\",\"$$hashKey\":\"object:67\"},{\"id\":\"q-15-NQM9\",\"type\":\"radio\",\"title\":\"?????????\",\"required\":true,\"answer\":\"\",\"content\":\"\",\"$$hashKey\":\"object:68\"}]}",  "data2": "{\"projectId\":1000000,\"projectManagerName\":\"projectManagerA\",\"budget\":0,\"projectName\":\"test01\",\"leaderDepartment\":null}",  "data3": null,  "data4": null,  "data5": null,  "data6": null,  "data7": null,  "data8": null,  "data9": null,  "data10": null  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(尽职调查列表) |
|  |  |  |

如果记录数为空返回结果为：

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0",  "responseInfo":{  "page":{"totalNum":0,"pageNum":0,"pageSize":10,  "startRow":0,"pages":0,"orderField":"",  "direct":"DESC"},  "lists":[]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(尽职调查列表) |
|  |  |  |

### 查看尽职调查信息

请求连接 ：http://localhost:8080/process/project/getJZDC

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.projectId":"项目id"  } | |
|  | 名称 | 说明 |
|  | projectId | 项目ID |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "jzdc": {  "dataId": "201702091402311000",  "projectCategory": "cooltel",  "projectId": 100007,  "serviceType": "jzdc",  "createPerson": "offercerA",  "createTime": "2017-02-14 19:23:25",  "updatePerson": "",  "updateTime": "",  "result": "",  "serviceOwner": "",  "processInstanceId": "22513",  "taskId": "22523",  "extActivitiInfo": "",  "status": "",  "extStatus": "",  "data1": "Data1",  "data2": "Data2",  "data3": "Data3",  "data4": "Data4",  "data5": "Data5",  "data6": "Data6",  "data7": "Data7",  "data8": "Data8",  "data9": "Data9",  "data10": "Data10"  }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(尽职调查对象) |
|  |  |  |

## 用户任务查看、签收

### 分页查看待处理项目任务列表

请求连接 ：http://localhost:8080/process/task/tasklist/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.userId":"用户id"  "request.categoryId ":"项目类型id"  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | userId | 用户id |
|  | categoryId | 项目类型id |
|  | pageNum | 当前页码 |
|  | pageSize | 每页记录数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | 窗体顶端  {  "result": "0",  "responseInfo": {  "page": {  "totalNum": 3,  "pageNum": 1,  "pageSize": 10,  "startRow": 0,  "pages": 1,  "orderField": "",  "direct": "DESC"  },  "taskList": [  {  "id": "892511",  "name": "????????????????",  "createTime": "2017-02-13 21:21:29",  "completeTime": null,  "assignee": "5",  "projectId": 1000005,  "projectName": "xjkTest02",  "stateInfo": "{\"state\":\"001\",\"stateName\":\"????????????????\",\"taskId\":\"892511\"}"  },  {  "id": "897502",  "name": "????????????????",  "createTime": "2017-02-14 10:01:52",  "completeTime": null,  "assignee": "5",  "projectId": 1000006,  "projectName": "newCoomarts",  "stateInfo": "{\"state\":\"002\",\"stateName\":\"????????????????\",\"taskId\":\"897502\"}"  },  {  "id": "900011",  "name": "????????????????",  "createTime": "2017-02-14 11:18:58",  "completeTime": null,  "assignee": "5",  "projectId": 1000007,  "projectName": "coomarts20170214",  "stateInfo": "{\"state\":\"001\",\"stateName\":\"????????????????\",\"taskId\":\"900011\"}"  }  ]  }  }  窗体底端 | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据（待处理任务列表） |
|  |  |  |

如果记录数为空返回结果为：

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "page": {  "totalNum": 0,  "pageNum": 0,  "pageSize": 10,  "startRow": 0,  "pages": 0,  "orderField": "",  "direct": "DESC"  },  "lists": [ ]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(待处理任务列表) |

### 分页查看已经处理的项目任务列表

请求连接 ：http://localhost:8080/process/task/finishedTasklist/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.userId":"用户id"  "request.categoryId ":"项目类型id"  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | userId | 用户id |
|  | categoryId | 项目类型id |
|  | pageNum | 当前页码 |
|  | pageSize | 每页记录数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "page": {  "totalNum": 1,  "pageNum": 1,  "pageSize": 10,  "startRow": 0,  "pages": 1,  "orderField": "",  "direct": "DESC"  },  "taskList": [  {  "id": "895011",  "name": "????????????????",  "createTime": "2017-02-13 21:21:59",  "completeTime": "2017-02-14 10:01:52",  "assignee": "5",  "projectId": 1000006,  "projectName": "newCoomarts",  "stateInfo": "{\"state\":\"002\",\"stateName\":\"????????????????\",\"taskId\":\"897502\"}"  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(已完成任务列表) |

如果记录数为空返回结果为：

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "page": {  "totalNum": 0,  "pageNum": 0,  "pageSize": 10,  "startRow": 0,  "pages": 0,  "orderField": "",  "direct": "DESC"  },  "lists": [ ]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目列表) |

### 签收任务

请求连接 ：http://localhost:8080/process/task/claim

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.taskId":"任务id",  "request.userId":"用户id"  } | |
|  | 名称 | 说明 |
|  | taskId | 任务id |
|  | userId | 用户id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据 |
|  |  |  |

## 用户任务办理

### 管理人员指定评审专家

请求连接 ：http://localhost:8080/process/task/dispatcherMaster

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.taskId":"任务id",  "request.expertList":"专家列表"  } | |
|  | 名称 | 说明 |
|  | taskId | 任务ID |
|  | expertList | 专家列表（json串） |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  " recordId":1000003"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(专家评审id ) |
|  |  |  |

### 预加载评审专家列表（录入专家评分预操作）

请求连接 ：http://localhost:8080/process/task/preloadExpertReview

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.projectId":"项目id"  } | |
|  | 名称 | 说明 |
|  | projectId | 项目id |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  " expertReview":{ "recordId":1000049,  "projectId":1000272,  "expertList":"专家列表" }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(专家评审记录 ) |
|  |  |  |

### 管理人员录入专家评分

请求连接 ：http://localhost:8080/process/task/inputMasterGrade

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.taskId":"任务id",  "request.recordId ":"专家评审id",  "request.expertScore ":"专家评分"  } | |
|  | 名称 | 说明 |
|  | taskId | 任务id |
|  | recordId | 专家评审id |
|  | expertScore | 专家评分 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  " recordId":1000003"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(专家评审id ) |
|  |  |  |

### 管理人员进行尽职调查

请求连接 ：http://localhost:8080/process/task/jzdc

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.taskId":"任务id",  "request.projectCategory ":"1",//项目种类  "request.projectId ":"1000001"//项目ID  "request.serviceType ":"jzdc"//业务类型  "request.result ":""//尽职调查结果  "request.data1":"" //数据1  "request.data2":"" //数据2  "request.data3":"" //数据3  …  "request.data10":"" //数据10  } | |
|  | 名称 | 说明 |
|  | taskId | 任务id |
|  | projectCategory | 项目种类 |
|  | projectId | 项目ID |
|  | serviceType | 业务类型(JZDC) |
|  | result | 尽职调查结果 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  "dataId":1000003"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(数据id ) |

### 决策委员会审批

请求连接 ：http://localhost:8080/process/task/committeeApproval

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.taskId":"任务id",  "request.conclusion":"审批结论",  "request.comments ":"审批意见",  "request.userId ":"审批者"  } | |
|  | 名称 | 说明 |
|  | taskId | 任务id |
|  | conclusion | 审批结论 |
|  | comments | 审批意见 |
|  | userId | 审批者 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  " recordId":1000003,"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(审批记录id ) |
|  |  |  |

### 部门经理审批

请求连接 ：http://localhost:8080/process/task/departleaderApproval

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.taskId":"任务id",  "request.conclusion":"审批结论"  "request.comments ":"审批意见"  "request.userId ":"审批者"  } | |
|  | 名称 | 说明 |
|  | taskId | 任务id |
|  | conclusion | 审批结论 |
|  | comments | 审批意见 |
|  | userId | 审批者 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  " recordId":1000003,"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(部门经理审批记录id ) |
|  |  |  |

### 项目经理自评

请求连接 ：http://localhost:8080/ process/task/selfAppraise

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request. selfAppraise ":"项目经理自评",  "request.taskId":"任务ID"  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "projetId": "1000000"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(附件ID) |

### 部门经理评价

请求连接 ：http://localhost:8080/ process/task/departLeaderAppraise

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request. departLeaderAppraise":"部门经理评价  "request.taskId":"任务ID"  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "projetId": "1000000"  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目ID) |

## 项目文件操作

### 一般项目附件上传

请求连接 ： http:// localhost:8080/ process/projectAnnex/upload

请求参数 ： form表单提交多个文件对象（一般项目附件上传）

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0",  "responseInfo":{  "projectAnnexs":[  {"annexId":1000000,"annexName":"2017-02-07-14-49-56\_网络营销.docx ","originalFilename":"网络营销.docx ","typeId":1,"projectId":1000002,"path":"http://127.0.0.1:8080/process/uploadDir/2017-02-07-14-49-56\_网络营销.docx "},  {"annexId":1000001,"annexName":"2017-02-07-14-52-07\_项目流程.docx ","originalFilename":"项目流程.docx ","typeId":1,"projectId":1000002,"path":"http://127.0.0.1:8080/process/uploadDir/2017-02-07-14-52-07\_项目流程.docx "}]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(projectAnnexs：项目附件列表) |

### 提交项目相关材料

请求连接 ： http:// localhost:8080/ process/projectAnnex/submitMaterial

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.projectAnnexs ":[  {"annexId":1000000,"annexName":"2017-02-07-14-49-56\_网络营销.docx ","originalFilename":"网络营销.docx ","typeId":1,"projectId":1000002,"path":"http://127.0.0.1:8080/process/uploadDir/2017-02-07-14-49-56\_网络营销.docx "},  {"annexId":1000001,"annexName":"2017-02-07-14-52-07\_项目流程.docx ","originalFilename":"项目流程.docx ","typeId":1,"projectId":1000002,"path":"http://127.0.0.1:8080/process/uploadDir/2017-02-07-14-52-07\_项目流程.docx "}]  "request.taskId":"任务ID"  } | |
|  | 名称 | 说明 |
|  | projectAnnexs | 上传成功后返回的项目附件列表 |
|  | taskId | 用户任务ID |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0",  "responseInfo":{  "projectAnnexs":[  {"annexId":1000000,"annexName":"2017-02-07-14-49-56\_网络营销.docx ","originalFilename":"网络营销.docx ","typeId":1,"projectId":1000002,"path":"http://127.0.0.1:8080/process/uploadDir/2017-02-07-14-49-56\_网络营销.docx "},  {"annexId":1000001,"annexName":"2017-02-07-14-52-07\_项目流程.docx ","originalFilename":"项目流程.docx ","typeId":1,"projectId":1000002,"path":"http://127.0.0.1:8080/process/uploadDir/2017-02-07-14-52-07\_项目流程.docx "}]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(projectAnnexs：项目附件列表) |

### 项目附件删除

请求连接 ：<http://localhost:8080/process/projectannex/delete>

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.annexId":"附件ID"  } | |
|  | 名称 | 说明 |
|  | annexId | 附件ID |

返回参数：

|  |  |  |
| --- | --- | --- |
| 样例 | {"result":"0",  "responseInfo":{}  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据 |

## 项目变更

### 变更申请

请求连接 ：http://localhost:8080/process/changeproject/createChange

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  “request.projectId”：”项目ID”；  " request.projectCategory":"业务分类",  **//变更后**的新数据保存到Data1到Data5，  //变更前的数据保存到Data6到Data10  “request.data1”:” 项目基本情况”  “request.data2”:” 项目预算”  “request.data3”:” 项目成员岗位要求”  ……  “request.data6”:  “request.data7”:  “request.data8”:  ……  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  " dataId ": " 201702091408381000 "  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码:  0：成功；1：失败 ；  2该状态不允许修改；3该用户没有权限修改 |
|  | responseInfo | 返回的响应数据(变更ID) |

### 驳回后变更修改

请求参数 ：http://localhost:8080/process/changeproject/createChange

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request. dataId ":"单位ID",  “request. projectId”：”项目ID”,  " request. projectCategory":"业务分类"  **//变更后**的新数据保存到Data1到Data5，  //变更前的数据保存到Data6到Data10  “request.data1”:  “request.data2”:  “request.data3”:  ……  “request.data6”:  “request.data7”:  “request.data8”:  ……  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  " dataId ": " 201702091408381000 "  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(项目ID) |

### 审核

请求连接 ：http://localhost:8080/process/changeproject/approvalChange

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  request.dataId:"dataID",  “request. result”： “包含审批结果、 审批意见的Json”,  request.processInstanceId  } | |
|  | 名称 | 说明 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 |  | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(CommonBiz对象) |

### 根据projectId查询CommonBiz对象

请求连接 ：http://localhost:8080/process/changeproject/getCommonBizByProjectId

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  { "request.projectId":"项目id"  } | |
|  | 名称 | 说明 |
|  | projectId | 项目ID |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "commonBiz":{  "dataId": "201702091402311000",  "projectCategory": "cooltel",  "projectId": 100007,  "serviceType": "jzdc",  "createPerson": "departleader",  "createTime": "2017-02-14 19:23:25",  "updatePerson": "pm",  "updateTime": "2017-02-14 19:23:25",  "result": "满意",  "serviceOwner": "项目经理",  "processInstanceId": "22513",  "taskId": "22523",  "extActivitiInfo": "extactivitiinfo",  "status": "待部门经理修改",  "extStatus": "Extstatus",  "data1": "Data1",  "data2": "Data2",  "data3": "Data3",  "data4": "Data4",  "data5": "Data5",  "data6": "Data6",  "data7": "Data7",  "data8": "Data8",  "data9": "Data9",  "data10": "Data10"  }  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(CommonBiz对象) |

## 单位管理

#### 校验新增单位名称

请求连接 ：http://localhost:8080/process/company/verifyCompanyName

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request. companyName":"单位名称",  } | |
| 参数 | 名称 | 说明 |
|  | companyName | 单位名称 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  "verifyResult":false  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(校验通过：verifyResult为true，校验失败返回false) |

#### 新增单位

请求连接 ：http://localhost:8080/process/company/createCompany

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request. companyId":"单位ID",  "request. companyName":"单位名称",  "request. companyProperty":"单位性质",  "request. certificateType":"证件类型",  "request. certificateId ":"证件ID",  "request. registerAddress":"注册地址",  "request. businessAddress ":"公司地址",  "request. linkMan":"联系人",  "request. linkTel":"联系电话",  "request. email":"email",  "request. createPerson":创建人,  "request. createTime":"创建时间",  } | | |
| 参数 | 名称 | | 说明 |
|  |  |  | |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result":"0",  "responseInfo":{  “companyId”:”100012”  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |

#### 修改单位

请求连接 ：http://localhost:8080/process/company/update

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request. companyId":"单位ID",  "request. companyName":"单位名称",  "request. companyProperty":"单位性质",  "request. certificateType":"证件类型",  "request. certificateId ":"证件ID",  "request. registerAddress":"注册地址",  "request. businessAddress ":"公司地址",  "request. linkMan":"联系人",  "request. linkTel":"联系电话",  "request. email":"email",  "request. createPerson":创建人,  "request. createTime":"创建时间"  } | | |
| 参数 | 名称 | | 说明 |
|  |  |  | |

返回参数

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

#### 删除单位

请求连接 ：http://localhost:8080/process/company/delete

请求参数 ：

|  |  |  |  |
| --- | --- | --- | --- |
| 样例 | requestInfo=  {  "request.companyId":1009  } | | |
| 参数 | 名称 | | 说明 |
|  |  |  | |

返回参数

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

#### 分页查看所有单位信息

请求连接 ：http://localhost:8080/process/company/getAllCompanys/list

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "page.pageNum":1,  "page.pageSize":10  } | |
|  | 名称 | 说明 |
|  | pageNum | 当前页码 |
|  | pageSize | 每页记录数 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "page": {  "totalNum": 2,  "pageNum": 1,  "pageSize": 10,  "startRow": 0,  "pages": 1,  "orderField": "",  "direct": "DESC"  },  "lists": [  {  "companyId": 1000001,  "companyName": "xinwei2",  "companyProperty": "xxxx",  "certificateType": "bbbb",  "certificateId": 55547584,  "registerAddress": "registerAddress",  "businessAddress": "businessAddress",  "linkMan": "LinkMan",  "linkTel": "158345354646",  "email": "1122@133.com",  "createPerson": "createPerson",  "createTime": "2017-02-14 13:28:00",  "approvePerson": "ApprovePerson",  "approveTime": "2017-02-14 13:28:00",  "currentStatus": "1"  },  {  "companyId": 1000005,  "companyName": "xinwei4",  "companyProperty": "minqi",  "certificateType": null,  "certificateId": 123,  "registerAddress": null,  "businessAddress": null,  "linkMan": null,  "linkTel": null,  "email": null,  "createPerson": null,  "createTime": null,  "approvePerson": null,  "approveTime": null,  "currentStatus": "1"  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  | result | 返回结果状态码0：成功；1：失败 |
|  | responseInfo | 返回的响应数据(分页信息和单位列表) |

#### 查看所有单位信息（只包含单位ID、单位名称）

请求连接 ：http://localhost:8080/process/company/selectAllCompanyIdsAndNames

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  } | |
|  | 名称 | 说明 |
|  |  |  |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "companyLists": [  {  "companyId": 10007,  "companyName": "xinwei2",  "companyProperty": null,  "certificateType": null,  "certificateId": null,  "registerAddress": null,  "businessAddress": null,  "linkMan": null,  "linkTel": null,  "email": null,  "createPerson": null,  "createTime": null,  "approvePerson": null,  "approveTime": null,  "currentStatus": null  },  {  "companyId": 10008,  "companyName": "xinwei",  "companyProperty": null,  "certificateType": null,  "certificateId": null,  "registerAddress": null,  "businessAddress": null,  "linkMan": null,  "linkTel": null,  "email": null,  "createPerson": null,  "createTime": null,  "approvePerson": null,  "approveTime": null,  "currentStatus": null  },  {  "companyId": 10009,  "companyName": "xinwei",  "companyProperty": null,  "certificateType": null,  "certificateId": null,  "registerAddress": null,  "businessAddress": null,  "linkMan": null,  "linkTel": null,  "email": null,  "createPerson": null,  "createTime": null,  "approvePerson": null,  "approveTime": null,  "currentStatus": null  }  ]  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 通过单位名称查看单位信息

请求连接 ：http://localhost:8080/process/company/

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request.companyName":""  } | |
|  | 名称 | 说明 |
|  | companyName | 单位名称 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "company": {  "companyId": 10007,  "companyName": "xinwei2",  "companyProperty": "上市公司2",  "certificateType": "certificateType2",  "certificateId": 555475842,  "registerAddress": "registerAddress2",  "businessAddress": "businessAddress2",  "linkMan": "linkMan2",  "linkTel": "18612243434342",  "email": "11@1332.com",  "createPerson": "createPerson2",  "createTime": "2017-02-14 13:26:21",  "approvePerson": "projectMangerA2",  "approveTime": "2017-02-14 13:26:21",  "currentStatus": "currentStatus2"  }  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |

#### 通过单位ID查看单位信息

请求连接 ：http://localhost:8080/process/company/

请求参数 ：

|  |  |  |
| --- | --- | --- |
| 样例 | requestInfo=  {  "request. companyId":""  } | |
|  | 名称 | 说明 |
|  | companyName | 单位名称 |

返回参数

|  |  |  |
| --- | --- | --- |
| 样例 | {  "result": "0",  "responseInfo": {  "company": {  "companyId": 10007,  "companyName": "xinwei2",  "companyProperty": "上市公司2",  "certificateType": "certificateType2",  "certificateId": 555475842,  "registerAddress": "registerAddress2",  "businessAddress": "businessAddress2",  "linkMan": "linkMan2",  "linkTel": "18612243434342",  "email": "11@1332.com",  "createPerson": "createPerson2",  "createTime": "2017-02-14 13:26:21",  "approvePerson": "projectMangerA2",  "approveTime": "2017-02-14 13:26:21",  "currentStatus": "currentStatus2"  }  }  } | |
| 参数 | 名称 | 说明 |
|  |  |  |
|  |  |  |