### 南水北调系统巡查任务模块接口规范与说明

接口的参数以json字符串的形式进行请求和返回，方便处理。

##### 统一请求格式

http://服务器端口地址?Version=1.0&Action=包空间&Method=方法&AppKey=用户令牌&Req=请求json字符串&Signature=加密的字符串&Language=语言

##### 统一参数定义

请求参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 参数 | 参数字段名 | 是否必填 | 说明 |
| Version | 版本号 | 是 | 请求版本号 |
| Action | 执行方法的包空间 | 是 |  |
| Method | 请求执行方法名 | 是 |  |
| AppKey | 用户令牌token | 是 | 不同机器账号传入唯一token |
| Req | 请求参数 | 是 | 要传递执行的参数值,json字符串 |
| Signature | 加密的串 | 是 | 以Version、Action、Method、AppKey、TimeStamp结合授权码私钥采用算法在客户端生成 |
| Language | 语言 | 否 | 返回数据语言：zh=zh\_CN,en=en\_US |

返回参数：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| status | 返回消息状态 | 100 //成功  200 //失败  300 //服务端异常，请联系管理员。  301 //参数错误，请检查参数完整性  302 //版本号错误  303 //非法的执行语法与参数  304 //不合法的用户  305 //非法的签名信息 |
| msg | 返回执行消息结果 | 例如：用户名或密码错误、操作成功和操作失败等 |

##### 登陆接口

###### 登录校验接口

接口描述

移动端在登录时，需要调用登录校验接口。移动端只有调用此接口登录成功后，才有权限请求其他接口。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 登录校验接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=login&Method=doInDto &AppKey=100  &Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 登录用户信息、移动端信息等 |
| 响应输出参数 | 登录成功或失败状态 |
| 请求频次 | 无 |

接口参数定义

请求参数

将登录用户信息、移动端信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={  userName:"testuser",  userPwd:"md5加密的串",  model:"机型" ,  serialnumber:"设备号" ,  devicename:"设备名称"  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| userName | 登录用户名 |  |
| userPwd | 登录密码 | md5加密的串 |
| model | 机型 |  |
| serialnumber | 设备号 |  |
| devicename | 设备名称 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100"，msg：””,data{token:””}} |

###### 修改密码接口

接口描述

主要对移动端的管理员进行修改密码的操作,修改时必须提供原密码,只有原密码正确后才可以修改。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 修改密码接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=Login&Method=updatePwd&  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 用户id、用户原密码、用户新密码 |
| 响应输出参数 | 修改成功或失败状态 |
| 请求频次 | 无 |

接口参数定义

请求参数

将登录用户id、用户原密码和用户新密码等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ oldPassword:"", newPassword:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| oldPassword | 用户原密码 | MD5加密 |
| newPassword | 用户新密码 | MD5加密 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",msg:"密码修改成功"} |

##### 巡查任务接口

###### DO巡查任务接口(开始、暂停、结束)

接口描述

客户端在巡查任务开始时，需要调开始巡查接口。移动端点击开始巡查按钮，传入巡查日期、账号（用户）、开始时间、状态、来源信息，服务端保存并生成任务信息。反馈创建成功，可以开始、暂停、结束巡查信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 开始巡查接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=taskstart&&Method= doInDto  &AppKey=100  &Req={?}&Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 巡查日期、账号（用户）、状态、来源信息等 |
| 响应输出参数 | 成功或失败状态 |
| 请求频次 | 无 |

接口参数定义

请求参数

将巡查日期、账号（用户）、开始时间、结束时间、状态、来源信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={  id:"",//任务id  status:" " ,//暂停  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 任务id |  |
| status | 任务状态 | 0暂停1执行中 2完成 3审核完成 4审核失败 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:"成功"} |

###### DO基本信息填报接口

接口描述

客户端在巡查开始后，需要调基本信息填报巡查接口。传入任务id、巡查人、巡查日期，审核人等信息，服务端保存基本信息。反馈成功。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 巡查基本信息填报巡查接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=taskbase&Method= doInDto  &AppKey=100  &Req={?}&Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 传入任务id、巡查人、巡查日期，审核人信息等 |
| 响应输出参数 | 成功或失败状态 |
| 请求频次 | 无 |

接口参数定义

请求参数

将任务id、账结束时间、状态信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={  id:"任务id",  userName://登陆的队伍账号  type:任务类型0常规 1临时 默认常规  status:任务状态// 0暂停1执行中 2完成3审核完成 4审核失败  executor:"巡查人" ,  exetime:" " ,//巡查日期  auditor:"巡查审核人"  source: //来源IOS|| Android  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id |  |
| userName | 登陆的队伍账号 |  |
| type | 任务类型 | 0常规 1临时 默认常规 |
| status | 任务状态 | 0暂停1执行中 2完成3审核完成 4审核失败 |
| executor | 巡查人 |  |
| exetime | 巡查日期 | 年月日默认当前可修改 |
| auditor | 巡查审核人 |  |
| source | 任务来源 | :IOS|| Android |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"基本信息填报成功"} |

###### do巡查配置请求接口

接口描述

客户端在填报完成基本信息后，需要调取巡查配置请求获取填报类型方案。客户端传入任务id，系统反馈填报类型列表。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 获取检索方案接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.1&Action= taskconfig &Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 任务id信息等 |
| 响应输出参数 | 填报类型列表 |
| 请求频次 | 无 |

接口参数定义

请求参数

将任务id信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={taskid:"任务id" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:""} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | [{code:"1",title:"东干渠分水口"，data:[{code: “”,name:””}]},  {code:"2",title:"东干渠排气阀井"}] |

###### 巡查配置中的设施

接口描述

客户端在填报完成基本信息后，需要调取巡查配置请求获取填报类型方案。客户端传入任务id，系统反馈填报类型列表。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 获取检索方案接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.1&Action= taskfacility&Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 任务id信息等 |
| 响应输出参数 | 填报类型列表 |
| 请求频次 | 无 |

接口参数定义

请求参数

将任务id信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={taskid:"任务id",code: "填报类型编码", ishistory : ""} |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id |  |
| code | 填报类型编码 |  |
| ishistory | 查询的是已经上报的还是未上报的 | Y：已上报的 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:""} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | [  [  {"id":"OBJECTID","fieldtype":"FLOAT","title":"","value":"35","showtype":"show"},  {"id":"OBJTYPENUM","fieldtype":"FLOAT","title":"","value":"011","showtype":"show"},  {"id":"BELONGE","fieldtype":"NVARCHAR2","title":"","value":"南干渠输水工程","showtype":"show"},  {"id":"BELONGENUM","fieldtype":"NUMBER","title":"","value":"A03013","showtype":"show"},  {"id":"MANE","fieldtype":"NVARCHAR2","title":"","value":"南干渠管理处","showtype":"show"},  {"id":"MANENUM","fieldtype":"NVARCHAR2","title":"","value":"J03110203","showtype":"show"},  {"id":"OBJTYPE","fieldtype":"NVARCHAR2","title":"","value":"分水口","showtype":"show"},  {"id":"OBJECTNUM","fieldtype":"NVARCHAR2","title":"","value":"F0302","showtype":"show"},  {"id":"PLEVEL","fieldtype":"NVARCHAR2","title":"","value":"2","showtype":"show"},  {"id":"NAME","fieldtype":"NVARCHAR2","title":"","value":"郭公庄水厂分水口","showtype":"show"},  {"id":"POIX","fieldtype":"NVARCHAR2","title":"","value":"116.305980896902","showtype":"show"},  {"id":"POIY","fieldtype":"NUMBER","title":"","value":"39.7779567907742","showtype":"show"}  ]  ],"msg":"信息反馈成功!","status":"100"} |

###### DO查询历史任务列表接口

接口描述

主要用于客户端获取查询列表信息，主要根据用户id得到该用户下的所有任务历史（结束）任务列表。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询历史任务列表接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= queryhistory&Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取历史任务列表信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={pageNo:1,pageSize:10,data:{startTime:"",endTime:"", source:"", userName:""}} |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| pageNo | 查询的页码 |  |
| pageSize | 分页参数 |  |
| startTime | 巡查开始时间 |  |
| endTime | 巡查截止时间 |  |
| source | 任务来源 | IOS//Android |
| userName | 用户账号 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { pageNo:1,pageSize:10, total:10,  "rows":  [  [  {"fieldType":"String","id":"id","showType":"show","value":"579659f4-4679-46f6-8696-d51479e7baf6"},  {"fieldType":" String","id":"name","showType":"show",title:” 名称”,"value":"2016-08-17任务"},  {"fieldType":"String","id":"startTime","showType":"show","value":"2016-08-17"},  {"fieldType":"String","id":"endTime","showType":"show","value":"2016-08-22"},  {"fieldType":"String","id":"exeDate","showType":"show","value":"2016-08-20"},  {"fieldType":"String","id":"bruId","showType":"show","value":"TCHGLC"},  {"fieldType":"String","id":"sectId","showType":"show","value":"c091f272-5849-4f39-ac34-0a992baf3a4e"},  {"fieldType":"String","id":"troopId","showType":"show","value":"1c6e27bd-31de-4f0a-a2cf-d65dfda4f3a3"},  {"fieldType":" String ","id":"status","showType":"show","value":""},  {"fieldType":"String","id":"source","showType":"show","value":""},  {"fieldType":"String","id":"remark","showType":"show","value":""},  {"fieldType":"String","id":"isDel","showType":"show","value":"0"},  {"fieldType":"Timestamp","id":"addTime","showType":"show","value":{"date":"17","day":"3","hours":"10","minutes":"30","month":"7","nanos":"690000000","seconds":"1","time":"1471401001690","timezoneOffset":"-480","year":"116"}},  {"fieldType":"String","id":"addUser","showType":"show","value":"022bc57b-5b83-43f4-9baf-b37d7782ca03"},  {"fieldType":"String","id":"type","showType":"show","value":"1"},{"fieldType":"String","id":"executor","showType":"show","value":""},  {"fieldType":"String","id":"exeTime","showType":"show","value":""},  {"fieldType":"String","id":"auditor","showType":"show","value":""}  ],  [  {"fieldType":"String","id":"id","showType":"show","value":"d20f4aca-f43b-451b-b9d0-6785e10e2cc1"},  {"fieldType":"String","id":"name","showType":"show","value":"2016-08-17任务1111"},  {"fieldType":"String","id":"startTime","showType":"show","value":"2016-08-17"},  {"fieldType":"String","id":"endTime","showType":"show","value":"2016-08-22"},  {"fieldType":"String","id":"exeDate","showType":"show","value":"2016-08-18"},  {"fieldType":"String","id":"bruId","showType":"show","value":"TCHGLC"},  {"fieldType":"String","id":"sectId","showType":"show","value":"c091f272-5849-4f39-ac34-0a992baf3a4e"},  {"fieldType":"String","id":"troopId","showType":"show","value":"1c6e27bd-31de-4f0a-a2cf-d65dfda4f3a3"},  {"fieldType":"String","id":"status","showType":"show","value":""},  {"fieldType":"String","id":"source","showType":"show","value":""},  {"fieldType":"String","id":"remark","showType":"show","value":"测试编辑"},  {"fieldType":"String","id":"isDel","showType":"show","value":"0"},  {"fieldType":"Timestamp","id":"addTime","showType":"show","value":{"date":"17","day":"3","hours":"11","minutes":"16","month":"7","nanos":"88000000","seconds":"50","time":"1471403810088","timezoneOffset":"-480","year":"116"}},  {"fieldType":"String","id":"addUser","showType":"show","value":"022bc57b-5b83-43f4-9baf-b37d7782ca03"},  {"fieldType":"String","id":"type","showType":"show","value":"0"},  {"fieldType":"String","id":"executor","showType":"show","value":""},  {"fieldType":"String","id":"exeTime","showType":"show","value":"2016-08-20"},  {"fieldType":"String","id":"auditor","showType":"show","value":""}  ]  ] |
|  |  |  |

###### DO查询当前任务列表接口

接口描述

主要用于客户端获取查询列表信息，主要根据用户id得到该用户下的所有正在执行任务任务列表。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询历史任务列表接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.1&Action= querycurrent &Method= doInDto&  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取历史任务列表信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={pageNo:1,pageSize:10,data:{ source:"" ,userName:""}} |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| pageNo | 查询的页码 |  |
| pageSize | 分页参数 |  |
| source | 任务来源 | IOS//Android |
| userName | 用户账号 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { pageNo:1,pageSize:10, total:10,  "rows":  [  [  {"id":"id","fieldType":"String","value":"任务id","showType":"show"},  {"id":"name","fieldType":"String","value":"任务名称","showType":"show"},  {"id":"starttime","fieldType":"String","value":"开始时间"","showType":"show"},  {"id":"endtime","fieldType":"String","value":"结束时间","showType":"show"},  {"id":"status","fieldType":"String","value":"任务状态","showType":"show"},  {"id":"type","fieldType":"String","value":"任务类型","showType":"show"},  {"id":"executor","fieldType":"String","value":"巡查人","showType":" show "},  {"id":"exetime","fieldType":"String","value":"巡查时间","showType":" show "},  {"id":"auditor","fieldType":"String","value":"审核人","showType":" show "},  {"id":"remark","fieldType":"String","value":"任务描述","showType":"hide"}  ],  [  {"id":"id","fieldType":"String","value":"任务id","showType":"show"},  {"id":"name","fieldType":"String","value":"任务名称","showType":"show"},  {"id":"starttime","fieldType":"String","value":"开始时间"","showType":"show"},  {"id":"endtime","fieldType":"String","value":"结束时间","showType":"show"},  {"id":"status","fieldType":"String","value":"任务状态","showType":"show"},  {"id":"type","fieldType":"String","value":"任务类型","showType":"show"},  {"id":"executor","fieldType":"String","value":"巡查人","showType":" show "},  {"id":"exetime","fieldType":"String","value":"巡查时间","showType":" show "},  {"id":"auditor","fieldType":"String","value":"审核人","showType":" show "},  {"id":"remark","fieldType":"String","value":"任务描述","showType":"hide"}  ]  ] |

##### DO 东干渠接口

###### OK 排气阀井填报接口

接口描述

主要用于客户端填报排气阀井信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0Action= dgqair &Method= doInDto&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 排气阀井表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  wellnum:"井号",  over\_ground:"地上\_地面",  over\_crawl:"地上\_围栏",  over\_blowhole:"地上\_气孔",  over\_welllid:"地上\_井盖",  over\_health:"地上\_卫生",  under\_ladder:"地下\_爬梯",  under\_guardrail:"地下\_护栏",  under\_wall:"地下\_井壁",  unde\_health:"地下\_卫生",  unde\_airgate:"地下\_气阀",  unde\_sluicegate:"地下\_闸阀",  unde\_ballgate:"地下\_球阀",  under\_bottom:"地下\_井底",  remark:"备注",  operate：//新增或更新  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| userName | 用户账号 |  |
| wellnum | 井号 | 字符 |
| over\_ground | 地上\_地面 | 0 否 1是 |
| over\_crawl | 地上\_围栏 | 0 否 1是 |
| over\_blowhole | 地上\_气孔 | 0 否 1是 |
| over\_welllid | 地上\_井盖 | 0 否 1是 |
| over\_health | 地上\_卫生 | 0 否 1是 |
| under\_ladder | 地下\_爬梯 | 0 否 1是 |
| under\_guardrail | 地下\_护栏 | 0 否 1是 |
| under\_wall | 地下\_井壁 | 0 否 1是 |
| unde\_health | 地下\_卫生 | 0 否 1是 |
| unde\_airgate | 地下\_气阀 | 0 否 1是 |
| unde\_sluicegate | 地下\_闸阀 | 0 否 1是 |
| unde\_ballgate | 地下\_球阀 | 0 否 1是 |
| under\_bottom | 地下\_井底 | 0 否 1是 |
| remark | 备注 | 字符 |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### OK 排气阀井查询接口

接口描述

主要用于客户端获取排气阀井信息，主要根据任务id、排气井号（可选）得到该用户下的所填报的排气阀井（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询排气阀井接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dgqqueryair &Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取排气阀井参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", wellnum:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| wellnum | 井号 | 可选填（为空查询任务下所有井） |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id":"id","fieldType":"String","value":”主键”,"showType":"show"},  {"id":"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"id":"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"id":"over\_ground","fieldType":"String","value":" 地上\_地面","showType":"show"},  {"id":"over\_crawl","fieldType":"String","value":" 地上\_围栏","showType":"show"},  {"id":"over\_blowhole","fieldType":"String","value":" 地上\_气孔","showType":"show"},  {"id":"over\_welllid","fieldType":"String","value":" 地上\_井盖","showType":"show"},  {"id":"over\_health","fieldType":"String","value":" 地上\_卫生","showType":"show"},  {"id":"under\_ladder","fieldType":"String","value":" 地下\_爬梯","showType":"show"},  {"id":"under\_guardrail","fieldType":"String","value":" 地下\_护栏","showType":"show"},  {"id":"under\_wall","fieldType":"String","value":" 地下\_井壁","showType":"show"},  {"id":"unde\_health","fieldType":"String","value":" 地下\_卫生","showType":"show"},  {"id":"unde\_airgate","fieldType":"String","value":" 地下\_气阀","showType":"show"},  {"id":"unde\_sluicegate","fieldType":"String","value":" 地下\_闸阀","showType":"show"},  {"id":"unde\_ballgate","fieldType":"String","value":" 地下\_球阀","showType":"show"},  {"id":"under\_bottom","fieldType":"String","value":" 地下\_井底","showType":"show"},  {"id":"remark","fieldType":"String","value":" 备注","showType":"hide"},  {"id":"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"id":"state","fieldType":"String","value":" 0""showType":"hide"}],  [  {"id":"id","fieldType":"String","value":”主键”,"showType":"show"},  {"id":"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"id":"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"id":"over\_ground","fieldType":"String","value":" 地上\_地面","showType":"show"},  {"id":"over\_crawl","fieldType":"String","value":" 地上\_围栏","showType":"show"},  {"id":"over\_blowhole","fieldType":"String","value":" 地上\_气孔","showType":"show"},  {"id":"over\_welllid","fieldType":"String","value":" 地上\_井盖","showType":"show"},  {"id":"over\_health","fieldType":"String","value":" 地上\_卫生","showType":"show"},  {"id":"under\_ladder","fieldType":"String","value":" 地下\_爬梯","showType":"show"},  {"id":"under\_guardrail","fieldType":"String","value":" 地下\_护栏","showType":"show"},  {"id":"under\_wall","fieldType":"String","value":" 地下\_井壁","showType":"show"},  {"id":"unde\_health","fieldType":"String","value":" 地下\_卫生","showType":"show"},  {"id":"unde\_airgate","fieldType":"String","value":" 地下\_气阀","showType":"show"},  {"id":"unde\_sluicegate","fieldType":"String","value":" 地下\_闸阀","showType":"show"},  {"id":"unde\_ballgate","fieldType":"String","value":" 地下\_球阀","showType":"show"},  {"id":"under\_bottom","fieldType":"String","value":" 地下\_井底","showType":"show"},  {"id":"remark","fieldType":"String","value":" 备注","showType":"hide"},  {"id":"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"id":"state","fieldType":"String","value":" 0""showType":"hide"}]  ] |

###### OK 排空井填报接口

接口描述

主要用于客户端填报排空井信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dgqwell &Method= doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 排空井表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  wellnum:"井号",  dry\_creepwell:"干井\_爬井",  dry\_crawl:"干井\_围栏",  dry\_wall:"干井\_井壁",  dry\_bottom:"干井\_井底",  dry\_health:"干井\_卫生",  dry\_flygate:"干井\_电动蝶阀",  dry\_connect:"干井\_伸缩接头",  dry\_handgate:"干井\_手动蝶阀",  dry\_sluice:"干井\_电动闸阀",  wet\_creepwell:"湿井\_爬井",  wet\_crawl:"湿井\_围栏",  wet\_wall:"湿井\_井壁",  wet\_bottom:"湿井\_井底",  wet\_health:"湿井\_卫生",  wet\_drain:"湿井\_潜水排污泵",  water\_creepwell:"出水阀井\_爬井",  water\_crawl:"出水阀井\_围栏",  water\_wall:"出水阀井\_井壁",  water\_bottom:"出水阀井\_井底",  water\_health:"出水阀井\_卫生",  water\_tillgate:"出水阀井\_蝶式止回阀",  water\_flygate:"出水阀井\_电动蝶阀",  water\_connect:"出水阀井\_伸缩接头",  remark:"备注",  operate：//新增或更新  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| wellnum | 井号 |  |
| dry\_creepwell | 干井\_爬井 | 0 否 1是 |
| dry\_crawl | 干井\_围栏 | 0 否 1是 |
| dry\_wall | 干井\_井壁 | 0 否 1是 |
| dry\_bottom | 干井\_井底 | 0 否 1是 |
| dry\_health | 干井\_卫生 | 0 否 1是 |
| dry\_flygate | 干井\_电动蝶阀 | 0 否 1是 |
| dry\_connect | 干井\_伸缩接头 | 0 否 1是 |
| dry\_handgate | 干井\_手动蝶阀 | 0 否 1是 |
| dry\_sluice | 干井\_电动闸阀 | 0 否 1是 |
| wet\_creepwell | 湿井\_爬井 | 0 否 1是 |
| wet\_crawl | 湿井\_围栏 | 0 否 1是 |
| wet\_wall | 湿井\_井壁 | 0 否 1是 |
| wet\_bottom | 湿井\_井底 | 0 否 1是 |
| wet\_health | 湿井\_卫生 | 0 否 1是 |
| wet\_drain | 湿井\_潜水排污泵 | 0 否 1是 |
| water\_creepwell | 出水阀井\_爬井 | 0 否 1是 |
| water\_crawl | 出水阀井\_围栏 | 0 否 1是 |
| water\_wall | 出水阀井\_井壁 | 0 否 1是 |
| water\_bottom | 出水阀井\_井底 | 0 否 1是 |
| water\_health | 出水阀井\_卫生 | 0 否 1是 |
| water\_tillgate | 出水阀井\_蝶式止回阀 | 0 否 1是 |
| water\_flygate | 出水阀井\_电动蝶阀 | 0 否 1是 |
| water\_connect | 出水阀井\_伸缩接头 | 0 否 1是 |
| remark | 备注 |  |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 排空井查询接口

接口描述

主要用于客户端获取排空井信息，主要根据任务id、排空井号（可选）得到该用户下的所填报的排空井（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询排空井接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dgqquerywell &Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取排空井参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", wellnum:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| wellnum | 井号 | 可选填（为空查询任务下所有井） |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id":"id","fieldType":"String","value":"主键","showType":"show"},  {"id":"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"id":"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"id":"dry\_creepwell","fieldType":"String","value":" 干井\_爬井","showType":"show"},  {"id":"dry\_crawl","fieldType":"String","value":" 干井\_围栏","showType":"show"},  {"id":"dry\_wall","fieldType":"String","value":" 干井\_井壁","showType":"show"},  {"id":"dry\_bottom","fieldType":"String","value":" 干井\_井底","showType":"show"},  {"id":"dry\_health","fieldType":"String","value":" 干井\_卫生","showType":"show"},  {"id":"dry\_flygate","fieldType":"String","value":" 干井\_电动蝶阀","showType":"show"},  {"id":"dry\_connect","fieldType":"String","value":" 干井\_伸缩接头","showType":"show"},  {"id":"dry\_handgate","fieldType":"String","value":" 干井\_手动蝶阀","showType":"show"},  {"id":"dry\_sluice","fieldType":"String","value":" 干井\_电动闸阀","showType":"show"},  {"id":"wet\_creepwell","fieldType":"String","value":" 湿井\_爬井","showType":"show"},  {"id":"wet\_crawl","fieldType":"String","value":" 湿井\_围栏","showType":"show"},  {"id":"wet\_wall","fieldType":"String","value":" 湿井\_井壁","showType":"show"},  {"id":"wet\_bottom","fieldType":"String","value":" 湿井\_井底","showType":"show"},  {"id":"wet\_health","fieldType":"String","value": 湿井\_卫生","showType":"show"},  {"id":"wet\_drain","fieldType":"String","value": 湿井\_潜水排污泵","showType":"show"},  {"id":"water\_creepwell","fieldType":"String","value": 出水阀井\_爬井","showType":"show"},  {"id":"water\_crawl","fieldType":"String","value":出水阀井\_围栏","showType":"show"},  {"id":"water\_wall","fieldType":"String","value": 出水阀井\_井壁","showType":"show"},  {"id":"water\_bottom","fieldType":"String","value": 出水阀井\_井底","showType":"show"},  {"id":"water\_health","fieldType":"String","value": 出水阀井\_卫生","showType":"show"},  {"id":"water\_ tillgate","fieldType":"String","value": 出水阀井\_蝶式止回阀","showType":"show"},  {"id":"water\_flygate","fieldType":"String","value": 出水阀井\_电动蝶阀","showType":"show"},  {"id":"water\_connect","fieldType":"String","value": 出水阀井\_伸缩接头",  {"id":"remark:" 备注","showType":"hide"},  {"id":"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"id":"state","fieldType":"String","value":" 0""showType":"hide"}],  [  {"id":"id","fieldType":"String","value":"主键","showType":"show"},  {"id":"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"id":"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"id":"dry\_creepwell","fieldType":"String","value":" 干井\_爬井","showType":"show"},  {"id":"dry\_crawl","fieldType":"String","value":" 干井\_围栏","showType":"show"},  {"id":"dry\_wall","fieldType":"String","value":" 干井\_井壁","showType":"show"},  {"id":"dry\_bottom","fieldType":"String","value":" 干井\_井底","showType":"show"},  {"id":"dry\_health","fieldType":"String","value":" 干井\_卫生","showType":"show"},  {"id":"dry\_flygate","fieldType":"String","value":" 干井\_电动蝶阀","showType":"show"},  {"id":"dry\_connect","fieldType":"String","value":" 干井\_伸缩接头","showType":"show"},  {"id":"dry\_handgate","fieldType":"String","value":" 干井\_手动蝶阀","showType":"show"},  {"id":"dry\_sluice","fieldType":"String","value":" 干井\_电动闸阀","showType":"show"},  {"id":"wet\_creepwell","fieldType":"String","value":" 湿井\_爬井","showType":"show"},  {"id":"wet\_crawl","fieldType":"String","value":" 湿井\_围栏","showType":"show"},  {"id":"wet\_wall","fieldType":"String","value":" 湿井\_井壁","showType":"show"},  {"id":"wet\_bottom","fieldType":"String","value":" 湿井\_井底","showType":"show"},  {"id":"wet\_health","fieldType":"String","value": 湿井\_卫生","showType":"show"},  {"id":"wet\_drain","fieldType":"String","value": 湿井\_潜水排污泵","showType":"show"},  {"id":"water\_creepwell","fieldType":"String","value": 出水阀井\_爬井","showType":"show"},  {"id":"water\_crawl","fieldType":"String","value":出水阀井\_围栏","showType":"show"},  {"id":"water\_wall","fieldType":"String","value": 出水阀井\_井壁","showType":"show"},  {"id":"water\_bottom","fieldType":"String","value": 出水阀井\_井底","showType":"show"},  {"id":"water\_health","fieldType":"String","value": 出水阀井\_卫生","showType":"show"},  {"id":"water\_ tillgate","fieldType":"String","value": 出水阀井\_蝶式止回阀","showType":"show"},  {"id":"water\_flygate","fieldType":"String","value": 出水阀井\_电动蝶阀","showType":"show"},  {"id":"water\_connect","fieldType":"String","value": 出水阀井\_伸缩接头",  {"id":"remark:" 备注","showType":"hide"},  {"id":"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"id":"state","fieldType":"String","value":" 0""showType":"hide"}]  ] |

###### OK 分水口填报接口

接口描述

主要用于客户端填报分水口信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dgqwater &Method=doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 分水口表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {  id:"主键",  userName:"用户账号",  taskid:"任务外键",  wellnum:"分水口号",  dryline\_creepwell:"干线检修井\_爬井",  dryline\_crawl:"干线检修井\_围栏",  dryline\_wall:"干线检修井\_井壁",  dryline\_bottom:"干线检修井\_井底",  dryline\_health:"干线检修井\_卫生",  dryline\_flygate:"干线检修井\_电动蝶阀",  dryline\_connect:"干线检修井\_伸缩接头",  dryline\_handgate:"干线检修井\_手动蝶阀",  dryline\_sluice:"干线检修井\_电动闸阀",  branch\_creepwell:"支管检修井\_爬井",  branch\_crawl:"支管检修井\_围栏",  branch\_wall:"支管检修井\_井壁",  branch\_bottom:"支管检修井\_井底",  branch\_health:"支管检修井\_卫生",  branch\_connect:"支管检修井\_伸缩接头",  branch\_sluice:"支管检修井\_电动闸阀",  measure\_creepwell:"支管测流井\_爬井",  measure\_crawl:"支管测流井\_围栏",  measure\_wall:"支管测流井\_井壁",  measure\_bottom:"支管测流井\_井底",  measure\_health:"支管测流井\_卫生",  measure\_connect:"支管测流井\_流量计",  remark:"备注",  operate：//新增或更新  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| wellnum | 分水口号 |  |
| dryline\_creepwell | 干线检修井\_爬井 | 0 否 1是 |
| dryline\_crawl | 干线检修井\_围栏 | 0 否 1是 |
| dryline\_wall | 干线检修井\_井壁 | 0 否 1是 |
| dryline\_bottom | 干线检修井\_井底 | 0 否 1是 |
| dryline\_health | 干线检修井\_卫生 | 0 否 1是 |
| dryline\_flygate | 干线检修井\_电动蝶阀 | 0 否 1是 |
| dryline\_connect | 干线检修井\_伸缩接头 | 0 否 1是 |
| dryline\_handgate | 干线检修井\_手动蝶阀 | 0 否 1是 |
| dryline\_sluice | 干线检修井\_电动闸阀 | 0 否 1是 |
| branch\_creepwell | 支管检修井\_爬井 | 0 否 1是 |
| branch\_crawl | 支管检修井\_围栏 | 0 否 1是 |
| branch\_wall | 支管检修井\_井壁 | 0 否 1是 |
| branch\_bottom | 支管检修井\_井底 | 0 否 1是 |
| branch\_health | 支管检修井\_卫生 | 0 否 1是 |
| branch\_connect | 支管检修井\_伸缩接头 | 0 否 1是 |
| branch\_sluice | 支管检修井\_电动闸阀 | 0 否 1是 |
| measure\_creepwell | 支管测流井\_爬井 | 0 否 1是 |
| measure\_crawl | 支管测流井\_围栏 | 0 否 1是 |
| measure\_wall | 支管测流井\_井壁 | 0 否 1是 |
| measure\_bottom | 支管测流井\_井底 | 0 否 1是 |
| measure\_health | 支管测流井\_卫生 | 0 否 1是 |
| measure\_connect | 支管测流井\_流量计 | 0 否 1是 |
| remark | 备注 |  |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 分水口查询接口

接口描述

主要用于客户端获取分水口信息，主要根据任务id、分水口号（可选）得到该用户下的所填报的分水口（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询分水口接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dgqquerywater &Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取分水口参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"",wellnum:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| wellnum | 分水口号 | 可选填（为空查询任务下所有井） |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"fieldType":"String","id":"id","showType":"show","value":"id标识"},  {"fieldType":"String","id":" wellnum","showType":"show","value":"井号"},  {"fieldType":"String","id":"dryline\_creepwell","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_crawl","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_wall","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_bottom","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_health","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_flygate","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_connect","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_handgate","showType":"show","value":"2 "},  {"fieldType":"String","id":"dryline\_sluice","showType":"show","value":"2 "},  {"fieldType":"String","id":"branch\_creepwell","showType":"show","value":"2 "},  {"fieldType":"String","id":"branch\_crawl","showType":"show","value":"2 "},  {"fieldType":"String","id":"branch\_wall","showType":"show","value":"2 "},  {"fieldType":"String","id":"branch\_bottom","showType":"show","value":"2 "},  {"fieldType":"String","id":"branch\_health","showType":"show","value":"2 "},  {"fieldType":"String","id":"branch\_connect","showType":"show","value":"2 "},  {"fieldType":"String","id":"branch\_sluice","showType":"show","value":"2 "},  {"fieldType":"String","id":"measure\_creepwell","showType":"show","value":"2 "},  {"fieldType":"String","id":"measure\_crawl","showType":"show","value":"2 "},  {"fieldType":"String","id":"measure\_wall","showType":"show","value":"2 "},  {"fieldType":"String","id":"measure\_bottom","showType":"show","value":"2 "},  {"fieldType":"String","id":"measure\_health","showType":"show","value":"2 "},  {"fieldType":"String","id":"measure\_connect","showType":"show","value":"2 "},  {"fieldType":"String","id":"remark","showType":"show","value":"2"},  {"fieldType":"String","id":"stage","showType":"show","value":"F35"},  {"fieldType":"String","id":"taskid","showType":"show","value":"任务id 外键"},  {"fieldType":"Timestamp","id":"addtime","showType":"show","value":{"date":"17","day":"3","hours":"14","minutes":"51","month":"7","nanos":"185000000","seconds":"27","time":"1471416687185","timezoneOffset":"-480","year":"116"}},  {"fieldType":"String","id":"adduser","showType":"show","value":"填写用户"},  {"fieldType":"String","id":"state","showType":"show","value":"0 "},  {"fieldType":"String","id":"watername","showType":"show","value":"测试2"}  ],  [  {id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {" wellnum","fieldType":"String","value":" 分水口号","showType":"show"},  {"dryline\_creepwell","fieldType":"String","value":" 干线检修井\_爬井","showType":"show"},  {"dryline\_crawl","fieldType":"String","value":" 干线检修井\_围栏","showType":"show"},  {"dryline\_wall","fieldType":"String","value":" 干线检修井\_井壁","showType":"show"},  {"dryline\_bottom","fieldType":"String","value":" 干线检修井\_井底","showType":"show"},  {"dryline\_health","fieldType":"String","value":" 干线检修井\_卫生","showType":"show"},  {"dryline\_flygate","fieldType":"String","value":" 干线检修井\_电动蝶阀","showType":"show"},  {"dryline\_connect","fieldType":"String","value":" 干线检修井\_伸缩接头","showType":"show"},  {"dryline\_handgate","fieldType":"String","value":" 干线检修井\_手动蝶阀","showType":"show"},  {"dryline\_sluice","fieldType":"String","value":" 干线检修井\_电动闸阀","showType":"show"},  {"branch\_creepwell","fieldType":"String","value":" 支管检修井\_爬井","showType":"show"},  {"branch\_crawl","fieldType":"String","value":" 支管检修井\_围栏","showType":"show"},  {"branch\_wall","fieldType":"String","value":" 支管检修井\_井壁","showType":"show"},  {"branch\_bottom","fieldType":"String","value":" 支管检修井\_井底","showType":"show"},  {"branch\_health","fieldType":"String","value":" 支管检修井\_卫生","showType":"show"},  {"branch\_connect","fieldType":"String","value":" 支管检修井\_伸缩接头","showType":"show"},  {"branch\_sluice","fieldType":"String","value":" 支管检修井\_电动闸阀","showType":"show"},  {"measure\_creepwell","fieldType":"String","value":" 支管测流井\_爬井","showType":"show"},  {"measure\_crawl","fieldType":"String","value":" 支管测流井\_围栏","showType":"show"},  {"measure\_wall","fieldType":"String","value":" 支管测流井\_井壁","showType":"show"},  {"measure\_bottom","fieldType":"String","value":" 支管测流井\_井底","showType":"show"},  {"measure\_health","fieldType":"String","value":" 支管测流井\_卫生","showType":"show"},  {"measure\_connect","fieldType":"String","value":" 支管测流井\_流量计","showType":"show"},  {"remark","fieldType":"String","value":" 备注","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0","showType":"hide"}]  ] |
|  |  |  |

###### OK 管线填报接口

接口描述

主要用于客户端填报管线信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dgqline&Method= doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 管线表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  stakestart:"桩号开始",  stakeend:"桩号结束",  exedate:"执行时间",  weather:"天气",  issurvey:"保护区范围是否有工程勘测",  isbuild:"保护区范围是否有新增施工",  ishavewater:"保护区范围是否有积水",  isdamage:"管线中心桩有无损毁",  istrap:"管线上方是否有沉陷",  ischange:"原遗留违章是否有新变化",  problem:"问题描述",  dealmethod:"处理方法",  operate：//新增或更新  } |
|  |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| stakestart | 桩号开始 | 字符 |
| stakeend | 桩号结束 | 字符 |
| exedate | 时间 | 时间2016-08-11 10:01:02 |
| weather | 天气 | 字符 |
| issurvey | 保护区范围是否有工程勘测 | 0 否 1是 |
| isbuild | 保护区范围是否有新增施工 | 0 否 1是 |
| ishavewater | 保护区范围是否有积水 | 0 否 1是 |
| isdamage | 管线中心桩有无损毁 | 0 否 1是 |
| istrap | 管线上方是否有沉陷 | 0 否 1是 |
| ischange | 原遗留违章是否有新变化 | 0 否 1是 |
| problem | 问题描述 | 字符 |
| dealmethod | 处理方法 | 字符 |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 管线查询接口

接口描述

主要用于客户端获取管线信息，主要根据任务id、管线id标识（可选）得到该用户下的所填报的管线（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询管线接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dgqqueryline &Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取管线参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", stakestart:"" ，stakeend :””} |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| stakestart | 开始桩号 | 可选填（为空查询任务下所有井） |
| stakeend | 结束桩号 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"stakestart","fieldType":"String","value":" 桩号开始","showType":"show"},  {"stakeend","fieldType":"String","value":" 桩号结束","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"weather","fieldType":"String","value":" 天气","showType":"show"},  {"issurvey","fieldType":"String","value":" 保护区范围是否有工程勘测","showType":"show"},  {"isbuild","fieldType":"String","value":" 保护区范围是否有新增施工","showType":"show"},  {"ishavewater","fieldType":"String","value":" 保护区范围是否有积水","showType":"show"},  {"isdamage","fieldType":"String","value":" 管线中心桩有无损毁","showType":"show"},  {"istrap","fieldType":"String","value":" 管线上方是否有沉陷","showType":"show"},  {"ischange","fieldType":"String","value":" 原遗留违章是否有新变化","showType":"show"},  {"problem","fieldType":"String","value":" 问题描述","showType":"show"},  {"dealmethod","fieldType":"String","value":" 处理方法","showType":"show"},  {"remark","fieldType":"String","value":" 备注","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0""showType":"hide"}],  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"stakestart","fieldType":"String","value":" 桩号开始","showType":"show"},  {"stakeend","fieldType":"String","value":" 桩号结束","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"weather","fieldType":"String","value":" 天气","showType":"show"},  {"issurvey","fieldType":"String","value":" 保护区范围是否有工程勘测","showType":"show"},  {"isbuild","fieldType":"String","value":" 保护区范围是否有新增施工","showType":"show"},  {"ishavewater","fieldType":"String","value":" 保护区范围是否有积水","showType":"show"},  {"isdamage","fieldType":"String","value":" 管线中心桩有无损毁","showType":"show"},  {"istrap","fieldType":"String","value":" 管线上方是否有沉陷","showType":"show"},  {"ischange","fieldType":"String","value":" 原遗留违章是否有新变化","showType":"show"},  {"problem","fieldType":"String","value":" 问题描述","showType":"show"},  {"dealmethod","fieldType":"String","value":" 处理方法","showType":"show"},  {"remark","fieldType":"String","value":" 备注","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0""showType":"hide"}]  ] |

##### DO南干渠接口

###### OK 排气阀井填报接口

接口描述

主要用于客户端填报排气阀井信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.1&Action=ngqair&Method= doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 排气阀井表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  wellnum:"井号",  weather:"天气情况",  exedate:"执行时间",  march:"进场路",  crawl:"围栏",  deviceroom:"户外设备间",  handwell:"手井",  arihole:"通气孔",  right\_temperatureinh:"右线室内温度高",  right\_welllid:"右线井盖",  right\_wellroom:"右线井室",  right\_ladder:"右线爬梯",  right\_gate:"右线阀体",  right\_temperatureinl:"右线室内温度低",  left\_temperatureinh:"左线室内温度高",  left\_welllid:"左线井盖",  left\_wellroom:"左线井室",  left\_ladder:"左线爬梯",  left\_gate:"左线阀体",  left\_temperatureinl:"左线室内温度低",  temperaturein:"室内温度（下段）",  temperatureout:"室外温度（下段）",  welllid:"井盖（下段）",  wellroom:"井室（下段）",  ladder:"扶梯（下段）",  gate:"阀体（下段）",  remark:"备注情况说明",  operate：//新增或更新  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| userName | 用户账号 |  |
| wellnum | 井号 | 字符 |
| weather | 天气情况 |  |
| exedate | 执行时间 |  |
| march | 进场路 | 0 否 1是 |
| crawl | 围栏 | 0 否 1是 |
| deviceroom | 户外设备间 | 0 否 1是 |
| handwell | 手井 | 0 否 1是 |
| arihole | 通气孔 | 0 否 1是 |
| right\_temperatureinh | 右线室内温度高 |  |
| right\_welllid | 右线井盖 | 0 否 1是 |
| right\_wellroom | 右线井室 | 0 否 1是 |
| right\_ladder | 右线爬梯 | 0 否 1是 |
| right\_gate | 右线阀体 | 0 否 1是 |
| right\_temperatureinl | 右线室内温度低 | 字符 |
| left\_temperatureinh | 左线室内温度高 | 字符 |
| left\_welllid | 左线井盖 | 0 否 1是 |
| left\_wellroom | 左线井室 | 0 否 1是 |
| left\_ladder | 左线爬梯 | 0 否 1是 |
| left\_gate | 左线阀体 | 0 否 1是 |
| left\_temperatureinl | 左线室内温度低 |  |
| temperaturein | 室内温度（下段） |  |
| temperatureout | 室外温度（下段） |  |
| welllid | 井盖（下段） | 0 否 1是 |
| wellroom | 井室（下段） | 0 否 1是 |
| ladder | 扶梯（下段） | 0 否 1是 |
| gate | 阀体（下段） | 0 否 1是 |
| remark | 备注 |  |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 排气阀井查询接口

接口描述

主要用于客户端获取排气阀井信息，主要根据任务id、排气井号（可选）得到该用户下的所填报的排气阀井（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询排气阀井接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=ngqqueryair&Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取排气阀井参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", wellnum:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| wellnum | 井号 | 可选填（为空查询任务下所有井） |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"march","fieldType":"String","value":" 进场路","showType":"show"},  {"crawl","fieldType":"String","value":" 围栏","showType":"show"},  {"deviceroom","fieldType":"String","value":" 户外设备间","showType":"show"},  {"handwell","fieldType":"String","value":" 手井","showType":"show"},  {"arihole","fieldType":"String","value":" 通气孔","showType":"show"},  {"right\_temperatureinh","fieldType":"String","value":" 右线室内温度高"",showType":"show"},  {"right\_welllid","fieldType":"String","value":" 右线井盖","showType":"show"},  {"right\_wellroom","fieldType":"String","value":" 右线井室","showType":"show"},  {"right\_ladder","fieldType":"String","value":" 右线爬梯","showType":"show"},  {"right\_gate","fieldType":"String","value":" 右线阀体","showType":"show"},  {"right\_temperatureinl","fieldType":"String","value":" 右线室内温度低","showType":"show"},  {"left\_temperatureinh","fieldType":"String","value":" 左线室内温度高","showType":"show"},  {"left\_welllid","fieldType":"String","value":" 左线井盖","showType":"show"},  {"left\_wellroom","fieldType":"String","value":" 左线井室","showType":"show"},  {"left\_ladder","fieldType":"String","value":" 左线爬梯","showType":"show"},  {"left\_gate","fieldType":"String","value":" 左线阀体","showType":"show"},  {"left\_temperatureinl","fieldType":"String","value":" 左线室内温度低","showType":"show"},  {"temperaturein","fieldType":"String","value":" 室内温度（下段）","showType":"show"},  {"temperatureout","fieldType":"String","value":" 室外温度（下段）","showType":"show"},  {"welllid","fieldType":"String","value":" 井盖（下段）","showType":"show"},  {"wellroom","fieldType":"String","value":" 井室（下段）","showType":"show"},  {"ladder","fieldType":"String","value":" 扶梯（下段）","showType":"show"},  {"gate","fieldType":"String","value":" 阀体（下段）","showType":"show"},  {"remark","fieldType":"String","value":" 备注情况说明","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0""showType":"hide"}],  [  {id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"march","fieldType":"String","value":" 进场路","showType":"show"},  {"crawl","fieldType":"String","value":" 围栏","showType":"show"},  {"deviceroom","fieldType":"String","value":" 户外设备间","showType":"show"},  {"handwell","fieldType":"String","value":" 手井","showType":"show"},  {"arihole","fieldType":"String","value":" 通气孔","showType":"show"},  {"right\_temperatureinh","fieldType":"String","value":" 右线室内温度高"",showType":"show"},  {"right\_welllid","fieldType":"String","value":" 右线井盖","showType":"show"},  {"right\_wellroom","fieldType":"String","value":" 右线井室","showType":"show"},  {"right\_ladder","fieldType":"String","value":" 右线爬梯","showType":"show"},  {"right\_gate","fieldType":"String","value":" 右线阀体","showType":"show"},  {"right\_temperatureinl","fieldType":"String","value":" 右线室内温度低","showType":"show"},  {"left\_temperatureinh","fieldType":"String","value":" 左线室内温度高","showType":"show"},  {"left\_welllid","fieldType":"String","value":" 左线井盖","showType":"show"},  {"left\_wellroom","fieldType":"String","value":" 左线井室","showType":"show"},  {"left\_ladder","fieldType":"String","value":" 左线爬梯","showType":"show"},  {"left\_gate","fieldType":"String","value":" 左线阀体","showType":"show"},  {"left\_temperatureinl","fieldType":"String","value":" 左线室内温度低","showType":"show"},  {"temperaturein","fieldType":"String","value":" 室内温度（下段）","showType":"show"},  {"temperatureout","fieldType":"String","value":" 室外温度（下段）","showType":"show"},  {"welllid","fieldType":"String","value":" 井盖（下段）","showType":"show"},  {"wellroom","fieldType":"String","value":" 井室（下段）","showType":"show"},  {"ladder","fieldType":"String","value":" 扶梯（下段）","showType":"show"},  {"gate","fieldType":"String","value":" 阀体（下段）","showType":"show"},  {"remark","fieldType":"String","value":" 备注情况说明","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0""showType":"hide"}]  ] |

###### OK 排空井填报接口

接口描述

主要用于客户端填报排空井信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=ngqwell&Method= doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 排空井表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  wellnum:"井号",  weather:"天气情况",  exedate:"执行时间",  march:"进场路",  crawl:"围栏",  deviceroom:"户外设备间",  handwell:"手井",  arihole:"通气孔",  temperaturein:"室内温度",  welllid:"井盖",  wellroom:"井室",  ladder:"爬梯",  repairgate:"检修蝶阀",  workgate:"工作蝶阀",  exitgate:"出口蝶阀",  temperatureout:"室外温度",  remark:"情况说明",  operate：//新增或更新  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| userName | 用户账号 |  |
| wellnum | 井号 |  |
| weather | 天气情况 |  |
| exedate | 执行时间 |  |
| march | 进场路 | 0 否 1是 |
| crawl | 围栏 | 0 否 1是 |
| deviceroom | 户外设备间 | 0 否 1是 |
| handwell | 手井 | 0 否 1是 |
| arihole | 通气孔 | 0 否 1是 |
| temperaturein | 室内温度 |  |
| welllid | 井盖 | 0 否 1是 |
| wellroom | 井室 | 0 否 1是 |
| ladder | 爬梯 | 0 否 1是 |
| repairgate | 检修蝶阀 | 0 否 1是 |
| workgate | 工作蝶阀 | 0 否 1是 |
| exitgate | 出口蝶阀 | 0 否 1是 |
| temperatureout | 室外温度 |  |
| remark | 备注情况说明 |  |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 排空井查询接口

接口描述

主要用于客户端获取排空井信息，主要根据任务id、排空井号（可选）得到该用户下的所填报的排空井（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询排空井接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=ngqquerywell&Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取排空井参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", wellnum:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| wellnum | 井号 | 可选填（为空查询任务下所有井） |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"march","fieldType":"String","value":" 进场路","showType":"show"},  {"crawl","fieldType":"String","value":" 围栏","showType":"show"},  {"deviceroom","fieldType":"String","value":" 户外设备间","showType":"show"},  {"handwell","fieldType":"String","value":" 手井","showType":"show"},  {"arihole","fieldType":"String","value":" 通气孔","showType":"show"},  {"temperaturein","fieldType":"String","value":" 室内温度","showType":"show"},  {"welllid","fieldType":"String","value":" 井盖","showType":"show"},  {"wellroom","fieldType":"String","value": 井室","showType":"show"},  {"ladder","fieldType":"String","value":" 爬梯","showType":"show"},  {"repairgate","fieldType":"String","value":" 检修蝶阀","showType":"show"},  {"workgate","fieldType":"String","value":" 工作蝶阀","showType":"show"},  {"exitgate","fieldType":"String","value":" 出口蝶阀","showType":"show"},  {"temperatureout","fieldType":"String","value":" 室外温度","showType":"show"},  {"remark","fieldType":"String","value":" 情况说明","showType":"show"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"show"},  {"state","fieldType":"String","value":" 0","showType":"show"}],  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"march","fieldType":"String","value":" 进场路","showType":"show"},  {"crawl","fieldType":"String","value":" 围栏","showType":"show"},  {"deviceroom","fieldType":"String","value":" 户外设备间","showType":"show"},  {"handwell","fieldType":"String","value":" 手井","showType":"show"},  {"arihole","fieldType":"String","value":" 通气孔","showType":"show"},  {"temperaturein","fieldType":"String","value":" 室内温度","showType":"show"},  {"welllid","fieldType":"String","value":" 井盖","showType":"show"},  {"wellroom","fieldType":"String","value": 井室","showType":"show"},  {"ladder","fieldType":"String","value":" 爬梯","showType":"show"},  {"repairgate","fieldType":"String","value":" 检修蝶阀","showType":"show"},  {"workgate","fieldType":"String","value":" 工作蝶阀","showType":"show"},  {"exitgate","fieldType":"String","value":" 出口蝶阀","showType":"show"},  {"temperatureout","fieldType":"String","value":" 室外温度","showType":"show"},  {"remark","fieldType":"String","value":" 情况说明","showType":"show"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"show"},  {"state","fieldType":"String","value":" 0","showType":"show"}]  ] |

###### OK 管线填报接口

接口描述

主要用于客户端填报管线信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=ngqline&Method= doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 管线表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  location:管线位置  stake\_drop:"桩牌\_丢失/损坏",  stake\_rustiness:"桩牌\_字迹不清/锈蚀",  stake\_dip:"桩牌\_倾斜/倒伏",  water\_ground:"管线漏水\_地面明显可见有水泄漏",  water\_nearby:"管线漏水\_地带",  water\_part:"管线漏水\_局部地面",  water\_fountain:"管线漏水\_泉水",  rules\_plant:"管线违章\_植物",  rules\_build:"管线违章\_建筑物",  rules\_way:"管线违章\_进场路",  rules\_stack:"管线违章\_堆放",  rules\_burst:"管线违章\_爆破",  rules\_solid:"管线违章\_固体废物",  rules\_chem:"管线违章\_化学物品",  rules\_drain:"管线违章\_排水沟",  rules\_other:"管线违章\_其它",  remark:"情况说明",  operate：//新增或更新  } |
|  |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| userName | 用户账号 |  |
| location | 管线位置 | 位置 |
| stake\_drop | 桩牌\_丢失/损坏 | 字符 |
| stake\_rustiness | 桩牌\_字迹不清/锈蚀 | 字符 |
| stake\_dip | 桩牌\_倾斜/倒伏 | 字符 |
| water\_ground | 管线漏水\_地面明显可见有水泄漏 | 字符 |
| water\_nearby | 管线漏水\_地带 | 字符 |
| water\_part | 管线漏水\_局部地面 | 字符 |
| water\_fountain | 管线漏水\_泉水 | 字符 |
| rules\_plant | 管线违章\_植物 | 字符 |
| rules\_build | 管线违章\_建筑物 | 字符 |
| rules\_way | 管线违章\_进场路 | 字符 |
| rules\_stack | 管线违章\_堆放 | 字符 |
| rules\_burst | 管线违章\_爆破 | 字符 |
| rules\_solid | 管线违章\_固体废物 | 字符 |
| rules\_chem | 管线违章\_化学物品 | 字符 |
| rules\_drain | 管线违章\_排水沟 | 字符 |
| rules\_other | 管线违章\_其它 | 字符 |
| remark | 备注情况说明 |  |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 管线查询接口

接口描述

主要用于客户端获取管线信息，主要根据任务id、管线id标识（可选）得到该用户下的所填报的管线（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询管线接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=ngqqueryline&Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取管线参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", , stakestart:"" ，stakeend :””} |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| stakestart | 开始桩号 | 可选填（为空查询任务下所有井） |
| stakeend | 结束桩号 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id","fieldType":"String","value":"主键",showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键",showType":"show"},  {"stake\_drop","fieldType":"String","value":" 桩牌\_丢失/损坏",showType":"show"},  {"stake\_rustiness","fieldType":"String","value":" 桩牌\_字迹不清/锈蚀",showType":"show"},  {"stake\_dip","fieldType":"String","value":" 桩牌\_倾斜/倒伏",showType":"show"},  {"water\_ground","fieldType":"String","value":" 管线漏水\_地面明显可见有水泄漏",showType":"show"},  {"water\_nearby","fieldType":"String","value":" 管线漏水\_地带",showType":"show"},  {"water\_part","fieldType":"String","value":" 管线漏水\_局部地面",showType":"show"},  {"water\_fountain","fieldType":"String","value":" 管线漏水\_泉水",showType":"show"},  {"rules\_plant","fieldType":"String","value":" 管线违章\_植物",showType":"show"},  {"rules\_build","fieldType":"String","value":" 管线违章\_建筑物",showType":"show"},  {"rules\_way","fieldType":"String","value":" 管线违章\_进场路",showType":"show"},  {"rules\_stack","fieldType":"String","value":" 管线违章\_堆放", showType":"show"},  {"rules\_burst","fieldType":"String","value":" 管线违章\_爆破",showType":"show"},  {"rules\_solid","fieldType":"String","value":" 管线违章\_固体废物",showType":"show"},  {"rules\_chem","fieldType":"String","value":" 管线违章\_化学物品",showType":"show"},  {"rules\_drain","fieldType":"String","value":" 管线违章\_排水沟",showType":"show"},  {"rules\_other","fieldType":"String","value":" 管线违章\_其它",showType":"show"},  {"remark","fieldType":"String","value":" 情况说明",showType":"show"},  {"stage","fieldType":"String","value":" 所属段" ,showType":"show"},  {"state","fieldType":"String","value":" 0"showType":"show"}],  [  {"id","fieldType":"String","value":"主键",showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键",showType":"show"},  {"stake\_drop","fieldType":"String","value":" 桩牌\_丢失/损坏",showType":"show"},  {"stake\_rustiness","fieldType":"String","value":" 桩牌\_字迹不清/锈蚀",showType":"show"},  {"stake\_dip","fieldType":"String","value":" 桩牌\_倾斜/倒伏",showType":"show"},  {"water\_ground","fieldType":"String","value":" 管线漏水\_地面明显可见有水泄漏",showType":"show"},  {"water\_nearby","fieldType":"String","value":" 管线漏水\_地带",showType":"show"},  {"water\_part","fieldType":"String","value":" 管线漏水\_局部地面",showType":"show"},  {"water\_fountain","fieldType":"String","value":" 管线漏水\_泉水",showType":"show"},  {"rules\_plant","fieldType":"String","value":" 管线违章\_植物",showType":"show"},  {"rules\_build","fieldType":"String","value":" 管线违章\_建筑物",showType":"show"},  {"rules\_way","fieldType":"String","value":" 管线违章\_进场路",showType":"show"},  {"rules\_stack","fieldType":"String","value":" 管线违章\_堆放", showType":"show"},  {"rules\_burst","fieldType":"String","value":" 管线违章\_爆破",showType":"show"},  {"rules\_solid","fieldType":"String","value":" 管线违章\_固体废物",showType":"show"},  {"rules\_chem","fieldType":"String","value":" 管线违章\_化学物品",showType":"show"},  {"rules\_drain","fieldType":"String","value":" 管线违章\_排水沟",showType":"show"},  {"rules\_other","fieldType":"String","value":" 管线违章\_其它",showType":"show"},  {"remark","fieldType":"String","value":" 情况说明",showType":"show"},  {"stage","fieldType":"String","value":" 所属段" ,showType":"show"},  {"state","fieldType":"String","value":" 0"showType":"show"}]  ] |

##### DO 大宁接口

###### OK 排气阀井填报接口

接口描述

主要用于客户端填报排气阀井信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.1&Action= dnair &Method= doInDto&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 排气阀井表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  wellnum:"井号",  weather:"天气情况",  exedate:"执行时间",  handgateleft:"手阀情况左",  handgateright:"手阀情况右",  airgateleft:"空气阀情况左",  airgateright:"空气阀情况右",  pondleft:"积水情况左",  pondright:"积水情况右",  warmleft:"保温设施左",  warmright:"保温设施右",  negativeleft:"阴极保护左",  negativelright:"阴极保护右",  environment:"环境设施",  gatetemperatureleft:"阀体温度左线",  gatetemperatureright:"阀体温度右线",  welltemperatureleft:"井内温度左线",  welltemperatureright:"井内温度右线",  remark:"备注情况说明",  operate：//新增或更新  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| userName | 用户账号 |  |
| wellnum | 井号 | 字符 |
| weather | 天气情况 | 字符 |
| exedate | 执行时间 | 时间 |
| handgateleft | 手阀情况左 | 0 否 1是 |
| handgateright | 手阀情况右 | 0 否 1是 |
| airgateleft | 空气阀情况左 | 0 否 1是 |
| airgateright | 空气阀情况右 | 0 否 1是 |
| pondleft | 积水情况左 | 0 否 1是 |
| pondright | 积水情况右 | 0 否 1是 |
| warmleft | 保温设施左 | 0 否 1是 |
| warmright | 保温设施右 | 0 否 1是 |
| negativeleft | 阴极保护左 | 0 否 1是 |
| negativelright | 阴极保护右 | 0 否 1是 |
| environment | 环境设施 | 字符 |
| gatetemperatureleft | 阀体温度左线 | 字符 |
| gatetemperatureright | 阀体温度右线 | 字符 |
| welltemperatureleft | 井内温度左线 | 字符 |
| welltemperatureright | 井内温度右线 | 字符 |
| remark | 备注情况说明 |  |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO排气阀井查询接口

接口描述

主要用于客户端获取排气阀井信息，主要根据任务id、排气井号（可选）得到该用户下的所填报的排气阀井（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询排气阀井接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dnqueryair &Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取排气阀井参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", wellnum:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| wellnum | 井号 | 可选填（为空查询任务下所有井） |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"handgateleft","fieldType":"String","value":" 手阀情况左","showType":"show"},  {"handgateright","fieldType":"String","value":" 手阀情况右","showType":"show"},  {"airgateleft","fieldType":"String","value":" 空气阀情况左","showType":"show"},  {"airgateright","fieldType":"String","value":" 空气阀情况右","showType":"show"},  {"pondleft","fieldType":"String","value":" 积水情况左","showType":"show"},  {"pondright","fieldType":"String","value":" 积水情况右","showType":"show"},  {"warmleft","fieldType":"String","value":" 保温设施左","showType":"show"},  {"warmright","fieldType":"String","value":" 保温设施右","showType":"show"},  {"negativeleft","fieldType":"String","value":" 阴极保护左","showType":"show"},  {"negativelright","fieldType":"String","value":" 阴极保护右","showType":"show"},  {"environment","fieldType":"String","value":" 环境设施","showType":"show"},  {"gatetemperatureleft","fieldType":"String","value":" 阀体温度左线","showType":"show"},  {"gatetemperatureright","fieldType":"String","value":" 阀体温度右线","showType":"show"},  {"welltemperatureleft","fieldType":"String","value":" 井内温度左线","showType":"show"},  {"welltemperatureright","fieldType":"String","value":" 井内温度右线","showType":"show"},  {"remark","fieldType":"String","value":" 备注情况说明","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0","showType":"hide"}],  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"handgateleft","fieldType":"String","value":" 手阀情况左","showType":"show"},  {"handgateright","fieldType":"String","value":" 手阀情况右","showType":"show"},  {"airgateleft","fieldType":"String","value":" 空气阀情况左","showType":"show"},  {"airgateright","fieldType":"String","value":" 空气阀情况右","showType":"show"},  {"pondleft","fieldType":"String","value":" 积水情况左","showType":"show"},  {"pondright","fieldType":"String","value":" 积水情况右","showType":"show"},  {"warmleft","fieldType":"String","value":" 保温设施左","showType":"show"},  {"warmright","fieldType":"String","value":" 保温设施右","showType":"show"},  {"negativeleft","fieldType":"String","value":" 阴极保护左","showType":"show"},  {"negativelright","fieldType":"String","value":" 阴极保护右","showType":"show"},  {"environment","fieldType":"String","value":" 环境设施","showType":"show"},  {"gatetemperatureleft","fieldType":"String","value":" 阀体温度左线","showType":"show"},  {"gatetemperatureright","fieldType":"String","value":" 阀体温度右线","showType":"show"},  {"welltemperatureleft","fieldType":"String","value":" 井内温度左线","showType":"show"},  {"welltemperatureright","fieldType":"String","value":" 井内温度右线","showType":"show"},  {"remark","fieldType":"String","value":" 备注情况说明","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0","showType":"hide"}]  ] |

###### OK 排空井填报接口

接口描述

主要用于客户端填报排空井信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dnwell &Method= doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 排空井表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  wellnum:"井号",  weather:"天气情况",  exedate:"执行时间",  handgateleft:"手阀情况左",  handgateright:"手阀情况右",  airgateleft:"空气阀情况左",  airgateright:"空气阀情况右",  pondleft:"积水情况左",  pondright:"积水情况右",  warmleft:"保温设施左",  warmright:"保温设施右",  negativeleft:"阴极保护左",  negativelright:"阴极保护右",  environment:"环境设施",  gatetemperatureleft:"阀体温度左线",  gatetemperatureright:"阀体温度右线",  welltemperatureleft:"井内温度左线",  welltemperatureright:"井内温度右线",  remark:"备注情况说明",  operate：//新增或更新  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| userName | 用户账号 |  |
| wellnum | 井号 | 字符 |
| weather | 天气情况 | 字符 |
| exedate | 执行时间 | 时间 |
| handgateleft | 手阀情况左 | 0 否 1是 |
| handgateright | 手阀情况右 | 0 否 1是 |
| airgateleft | 空气阀情况左 | 0 否 1是 |
| airgateright | 空气阀情况右 | 0 否 1是 |
| pondleft | 积水情况左 | 0 否 1是 |
| pondright | 积水情况右 | 0 否 1是 |
| warmleft | 保温设施左 | 0 否 1是 |
| warmright | 保温设施右 | 0 否 1是 |
| negativeleft | 阴极保护左 | 0 否 1是 |
| negativelright | 阴极保护右 | 0 否 1是 |
| environment | 环境设施 | 字符 |
| gatetemperatureleft | 阀体温度左线 | 字符 |
| gatetemperatureright | 阀体温度右线 | 字符 |
| welltemperatureleft | 井内温度左线 | 字符 |
| welltemperatureright | 井内温度右线 | 字符 |
| remark | 备注情况说明 |  |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 排空井查询接口

接口描述

主要用于客户端获取排空井信息，主要根据任务id、排空井号（可选）得到该用户下的所填报的排空井（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询排空井接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dnquerywell &Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取排空井参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", wellnum:"" } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| wellnum | 井号 | 可选填（为空查询任务下所有井） |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"handgateleft","fieldType":"String","value":" 手阀情况左","showType":"show"},  {"handgateright","fieldType":"String","value":" 手阀情况右","showType":"show"},  {"airgateleft","fieldType":"String","value":" 空气阀情况左","showType":"show"},  {"airgateright","fieldType":"String","value":" 空气阀情况右","showType":"show"},  {"pondleft","fieldType":"String","value":" 积水情况左","showType":"show"},  {"pondright","fieldType":"String","value":" 积水情况右","showType":"show"},  {"warmleft","fieldType":"String","value":" 保温设施左","showType":"show"},  {"warmright","fieldType":"String","value":" 保温设施右","showType":"show"},  {"negativeleft","fieldType":"String","value":" 阴极保护左","showType":"show"},  {"negativelright","fieldType":"String","value":" 阴极保护右","showType":"show"},  {"environment","fieldType":"String","value":" 环境设施","showType":"show"},  {"gatetemperatureleft","fieldType":"String","value":" 阀体温度左线","showType":"show"},  {"gatetemperatureright","fieldType":"String","value":" 阀体温度右线","showType":"show"},  {"welltemperatureleft","fieldType":"String","value":" 井内温度左线","showType":"show"},  {"welltemperatureright","fieldType":"String","value":" 井内温度右线","showType":"show"},  {"remark","fieldType":"String","value":" 备注情况说明","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0","showType":"hide"}],  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"wellnum","fieldType":"String","value":" 井号","showType":"show"},  {"weather","fieldType":"String","value":" 天气情况","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"handgateleft","fieldType":"String","value":" 手阀情况左","showType":"show"},  {"handgateright","fieldType":"String","value":" 手阀情况右","showType":"show"},  {"airgateleft","fieldType":"String","value":" 空气阀情况左","showType":"show"},  {"airgateright","fieldType":"String","value":" 空气阀情况右","showType":"show"},  {"pondleft","fieldType":"String","value":" 积水情况左","showType":"show"},  {"pondright","fieldType":"String","value":" 积水情况右","showType":"show"},  {"warmleft","fieldType":"String","value":" 保温设施左","showType":"show"},  {"warmright","fieldType":"String","value":" 保温设施右","showType":"show"},  {"negativeleft","fieldType":"String","value":" 阴极保护左","showType":"show"},  {"negativelright","fieldType":"String","value":" 阴极保护右","showType":"show"},  {"environment","fieldType":"String","value":" 环境设施","showType":"show"},  {"gatetemperatureleft","fieldType":"String","value":" 阀体温度左线","showType":"show"},  {"gatetemperatureright","fieldType":"String","value":" 阀体温度右线","showType":"show"},  {"welltemperatureleft","fieldType":"String","value":" 井内温度左线","showType":"show"},  {"welltemperatureright","fieldType":"String","value":" 井内温度右线","showType":"show"},  {"remark","fieldType":"String","value":" 备注情况说明","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0","showType":"hide"}]  ] |

###### OK 管线填报接口

接口描述

主要用于客户端填报管线信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 排气阀井填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dnline &Method= doInDto &  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 管线表单信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  userName:"用户账号",  stakestart:"桩号开始",  stakeend:"桩号结束",  exedate:"执行时间",  weather:"天气",  issurvey:"保护区范围是否有工程勘测",  isbuild:"保护区范围是否有新增施工",  ishavewater:"保护区范围是否有积水",  isdamage:"管线中心桩有无损毁",  istrap:"管线上方是否有沉陷",  ischange:"原遗留违章是否有新变化",  problem:"问题描述",  dealmethod:"处理方法",  operate：//新增或更新  } |
|  |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| userName | 用户账号 |  |
| stakestart | 桩号开始 | 字符 |
| stakeend | 桩号结束 | 字符 |
| exedate | 时间 | 时间2016-08-11 10:01:02 |
| weather | 天气 | 字符 |
| issurvey | 保护区范围是否有工程勘测 | 0 否 1是 |
| isbuild | 保护区范围是否有新增施工 | 0 否 1是 |
| ishavewater | 保护区范围是否有积水 | 0 否 1是 |
| isdamage | 管线中心桩有无损毁 | 0 否 1是 |
| istrap | 管线上方是否有沉陷 | 0 否 1是 |
| ischange | 原遗留违章是否有新变化 | 0 否 1是 |
| problem | 问题描述 | 字符 |
| dealmethod | 处理方法 | 字符 |
| operate | 新增或更新 | insert表示新增记录 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

###### DO 管线查询接口

接口描述

主要用于客户端获取管线信息，主要根据任务id、管线id标识（可选）得到该用户下的所填报的管线（多条或一条）信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 查询管线接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action= dnqueryline&Method= doInDto &  AppKey=100&Req={?}  &Signature=加密的字符串&Language=语言 |
| 接口类型 | 同步 |
| 请求输入参数 | 获取管线参数信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req={ taskid:"", , stakestart:"" ，stakeend :”” } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| taskid | 任务id | 必填 |
| stakestart | 开始桩号 | 可选填（为空查询任务下所有井） |
| stakeend | 结束桩号 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",data:{}} |

参数说明：

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"stakestart","fieldType":"String","value":" 桩号开始","showType":"show"},  {"stakeend","fieldType":"String","value":" 桩号结束","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"weather","fieldType":"String","value":" 天气","showType":"show"},  {"issurvey","fieldType":"String","value":" 保护区范围是否有工程勘测","showType":"show"},  {"isbuild","fieldType":"String","value":" 保护区范围是否有新增施工","showType":"show"},  {"ishavewater","fieldType":"String","value":" 保护区范围是否有积水","showType":"show"},  {"isdamage","fieldType":"String","value":" 管线中心桩有无损毁","showType":"show"},  {"istrap","fieldType":"String","value":" 管线上方是否有沉陷","showType":"show"},  {"ischange","fieldType":"String","value":" 原遗留违章是否有新变化","showType":"show"},  {"problem","fieldType":"String","value":" 问题描述","showType":"show"},  {"dealmethod","fieldType":"String","value":" 处理方法","showType":"show"},  {"remark","fieldType":"String","value":" 备注","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0""showType":"hide"}],  [  { {"id","fieldType":"String","value":"主键","showType":"show"},  {"taskid","fieldType":"String","value":" 任务外键","showType":"show"},  {"stakestart","fieldType":"String","value":" 桩号开始","showType":"show"},  {"stakeend","fieldType":"String","value":" 桩号结束","showType":"show"},  {"exedate","fieldType":"String","value":" 执行时间","showType":"show"},  {"weather","fieldType":"String","value":" 天气","showType":"show"},  {"issurvey","fieldType":"String","value":" 保护区范围是否有工程勘测","showType":"show"},  {"isbuild","fieldType":"String","value":" 保护区范围是否有新增施工","showType":"show"},  {"ishavewater","fieldType":"String","value":" 保护区范围是否有积水","showType":"show"},  {"isdamage","fieldType":"String","value":" 管线中心桩有无损毁","showType":"show"},  {"istrap","fieldType":"String","value":" 管线上方是否有沉陷","showType":"show"},  {"ischange","fieldType":"String","value":" 原遗留违章是否有新变化","showType":"show"},  {"problem","fieldType":"String","value":" 问题描述","showType":"show"},  {"dealmethod","fieldType":"String","value":" 处理方法","showType":"show"},  {"remark","fieldType":"String","value":" 备注","showType":"hide"},  {"stage","fieldType":"String","value":" 所属段" ,"showType":"hide"},  {"state","fieldType":"String","value":" 0""showType":"hide"}]  ] |

##### DO 巡查轨迹接口

###### 轨迹填报接口

接口描述

主要用于客户端填报巡查轨迹信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 轨迹填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=track&Method=doInDto&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 按需调用 |
| 请求输入参数 | 轨迹信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {id:"主键",  taskid:"任务外键",  adduser:””,  longitude:"经度",  latitude:"纬度",  height:"海拔高度",  exedate  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| taskid | 任务外键 |  |
| longitude | 经度 | 字符 |
| latitude | 纬度 |  |
| height | 海拔高度 |  |
| adduser | 添加人 |  |
| exedate | 添加时间 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

##### DO查询所有设施信息接口

接口描述

移动端输入关键字后进行模糊查询，将符合条件的结果返回。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 轨迹填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=queryfacility&Method=doInDto&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 按需调用 |
| 请求输入参数 | 轨迹信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {  name:""名字中的某个字，进行模糊匹配,  objtype:"设施类型",  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| name | 名字中的某个字，进行模糊匹配 |  |
| objtype | 设施类型 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息查询成功" ,data:{}} |

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id":"OBJECTID","fieldtype":"NUMBER","title":"","value":"35","showtype":"show"},  {"id":"OBJTYPENUM","fieldtype":"FLOAT","title":"","value":"011","showtype":"show"},{"id":"BELONGE","fieldtype":"FLOAT","title":"","value":"南干渠输水工程","showtype":"show"},  {"id":"BELONGENUM","fieldtype":"NVARCHAR2","title":"","value":"A03013","showtype":"show"},  {"id":"MANE","fieldtype":"NUMBER","title":"","value":"南干渠管理处","showtype":"show"},  {"id":"MANENUM","fieldtype":"NVARCHAR2","title":"","value":"J03110203","showtype":"show"},  {"id":"OBJTYPE","fieldtype":"NVARCHAR2","title":"","value":"分水口","showtype":"show"},  {"id":"OBJECTNUM","fieldtype":"NVARCHAR2","title":"","value":"F0302","showtype":"show"},  {"id":"PLEVEL","fieldtype":"NVARCHAR2","title":"","value":"2","showtype":"show"},  {"id":"NAME","fieldtype":"NVARCHAR2","title":"","value":"郭公庄水厂分水口","showtype":"show"},  {"id":"POIX","fieldtype":"NVARCHAR2","title":"","value":"116.305980896902","showtype":"show"},  {"id":"POIY","fieldtype":"NVARCHAR2","title":"","value":"39.7779567907742","showtype":"show"}],  ] |
|  |  |  |

##### DO查询某个设施下所有设备接口描述

查询某个设施下管理的设备，设备返回的是所有的信息可供移动端展示。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 轨迹填报接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=queryfacility&Method=sbList&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 按需调用 |
| 请求输入参数 | 轨迹信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {  objectnum:"",设施的编号  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| objectnum | 设施的编号 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息查询成功" ,data:{}} |

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { [  [  {"id":"ID","fieldtype":"String","title":"","value":"47aff86b-a900-4085-bb2e-94e555b1f7a2","showtype":"show"},  {"id":"NAME","fieldtype":"String","title":"设备名称","value":"DN2000超声波流量计","showtype":"show"},  {"id":"CODE","fieldtype":"String","title":"  设备编号","value":"FS-TZ-ZGLLJJ-SJ-LLJ2000-02","showtype":"show"},  {"id":"FACILITY\_NAME","fieldtype":"String","title":"设施名称","value":"2号排气阀井","showtype":"show"},  {"id":"EQUIP\_VERS","fieldtype":"String","title":"  设备型号","value":"DN2000 PN10","showtype":"show"},  {"id":"NUM","fieldtype":"String","title":"数量","value":"","showtype":"show"},  {"id":"NUM\_UNIT","fieldtype":"String","title":"数量单位","value":"","showtype":"show"},  {"id":"SB\_TYPE","fieldtype":"String","title":"设备类型","value":"发电设备","showtype":"show"},  {"id":"INSTALL\_ADDR","fieldtype":"String","title":  "安装地址","value":"6666","showtype":"show"},  {"id":"FACTORY","fieldtype":"String","title":  "生成厂家","value":"66666","showtype":"show"},  {"id":"EQUIP\_DESC","fieldtype":"String","title":  "设备描述","value":"6666","showtype":"show"},  {"id":"MANE","fieldtype":"String","title":  "管理处","value":"团城湖管理处","showtype":"show"},  {"id":"MANEID","fieldtype":"String",  "title":"管理处id","value":"J02110203","showtype":"show"},  {"id":"PRO\_NAME","fieldtype":"String","title":"工程名称","value":"卢沟桥暗涵工程","showtype":"show"},  {"id":"PRO\_CODE","fieldtype":"String",  "title":"工程编号","value":"A01063","showtype":"show"},  {"id":"FACILITY\_CODE","fieldtype":"String",  "title":"设施编号","value":"G0106001002","showtype":"show"},  {"id":"TYPE\_PNAME","fieldtype":"String","title":"设备汇总类","value":"采暖通风设备","showtype":"show"},  {"id":"TYPE\_PID","fieldtype":"String","title":  "设备汇总类id","value":"4c431632-0987-4e9a-bde0-b49852417d33","showtype":"show"},  {"id":"FACILITY\_TYPE\_NAME","fieldtype":"String","title":"设施类型","value":"排气阀井","showtype":"show"},  {"id":"FACILITY\_TYPE\_CODE","fieldtype":"String","title":"设施类型编号","value":"001","showtype":"show"},  {"id":"ISDEL","fieldtype":"String","title":"","value":"0","showtype":"show"},  {"id":"ADDTIME","fieldtype":"TIMESTAMP(6)","title":"","value":{"date":"18","day":"0","hours":"10","minutes":"41","month":"8","nanos":"785000000","seconds":"0","time":"1474166460785","timezoneOffset":"-480","year":"116"},"showtype":"show"},  {"id":"REMARKS","fieldtype":"String","title":"","value":"","showtype":"show"},  {"id":"USERID","fieldtype":"String","title":"","value":"78F769A5418BEE4089F163E8110E9C35","showtype":"show"},  {"id":"PRO\_TYPE\_CODE","fieldtype":"String","title":  "工程类型编号","value":"","showtype":"show"},  {"id":"ORDER\_ID","fieldtype":"NUMBER","title":"","value":"","showtype":"show"},  {"id":"FACILITY\_ID","fieldtype":"String","title":  "设施ID","value":"148","showtype":"show"},  {"id":"INSTALL\_LOCATION","fieldtype":"String","title":  "安装位置","value":"","showtype":"show"},  {"id":"SB\_TYPE\_CODE","fieldtype":"String","title":  "设备类型编号","value":"FDSB","showtype":"show"},  {"id":"SB\_TYPE\_ID","fieldtype":"String","title":  "设备类型id","value":"db9a056d-fd8f-4207-882f-e649d4e843ad","showtype":"show"},  {"id":"DEPTCODE","fieldtype":"String","title":"","value":"DGQGLC","showtype":"show"}  ]  ] |
|  |  |  |

##### 附件上传接口

接口描述

主要用于客户端填报附件信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 附件上传接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.0&Action=file&Method=doInDto&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 按需调用 |
| 请求输入参数 | 附件信息 |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {  id:"主键",  username://队伍账号  fkid:"外键",  filetype:"文件类型",  filename:"文件名称",  file:""  type://区分是工程运和抢险应急模块  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 主键id |  |
| username | 队伍账号 |  |
| fkid | 依赖数据id |  |
| filetype | 文件类型 | file、image、video |
| filename | 文件名称 |  |
| file | 文件流 |  |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息填报成功" } |

##### 附件列表查询接口

接口描述

主要用于客户端查询附件信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 附件上传接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.1&Action=file&Method=fileList&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 按需调用 |
| 请求输入参数 | 附件外键id |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {  fkid:"外键",  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| fkid | 依赖数据id |  |

返回结果（待定）

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100", msg:"信息查询成功" ,data:{}} |

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| data | 返回json数据 | { rows:[  [  {"id":"ID","fieldtype":"String","title":编号","value":"1f394e73-787e-4eb1-bfcd-f9fd64c35ce5","showtype":"show"},  {"id":"NAME","fieldtype":"String","title":"文档名称","value":"大宁排气阀井巡查记录表.xlsx","showtype":"show"},  {"id":"URL","fieldtype":"String","title":"文件路径","value":"gcyw\/AE\_YW\_XC\_DN\_AIR\/2016\/9\/007c98b9-3fdd-4cb8-b844-a6b99f6a09af.xlsx","showtype":"show"},  {"id":"FILE\_TYPE","fieldtype":"String","title":"文件类型（img,video）","value":"","showtype":"show"},  ],  [  {"id":"ID","fieldtype":"String","title":"编号","value":"cc4b2c8b-6c6e-4f53-88e8-38f7063534e5","showtype":"show"},  {"id":"NAME","fieldtype":"String","title":"文档名称","value":"大宁排空井巡查记录表.xlsx","showtype":"show"},  {"id":"URL","fieldtype":"String","title":"文件路径","value":"gcyw\/AE\_YW\_XC\_DN\_AIR\/2016\/9\/941f1d5d-8f0e-4dc3-bbd6-5bd37e60f5df.xlsx","showtype":"show"},  {"id":"FILE\_TYPE","fieldtype":"String","title":"文件类型（img,video）","value":"","showtype":"show"}  ]  ] |
|  |  |  |

##### 附件下载接口

接口描述

主要用于客户端查询附件信息接口，信息填报成功后，系统反馈填报成功信息。

接口处理逻辑

具体的接口类型、请求输入参数、响应输出参数要求如下表所示：

|  |  |
| --- | --- |
| 接口名称 | 附件上传接口 |
| 调用方式 | Http请求 |
| 调用方法 | Version=1.1&Action=file&Method=fileList&  AppKey=100Req={?}&  Signature=加密的字符串&Language=语言 |
| 接口类型 | 按需调用 |
| 请求输入参数 | 附件外键id |
| 响应输出参数 | Json字符串 |
| 请求频次 | 无 |

接口参数定义

请求参数

将订单数据相关信息等参数拼成字符串，传递字符串对该方法进行调用,。

输入参数样例文件如下：

|  |
| --- |
| Req= {  id://附件的id  type:" 区分是工程运和抢险应急模块",  } |

参数说明:

|  |  |  |
| --- | --- | --- |
| 参数 | 参数字段名 | 说明 |
| id | 附件的id |  |
| type | 区分是工程运和抢险应急模块" | qxyj:抢险应急 |

返回结果

将返回结果拼成json字符串形式。输出参数json字符串样例文件如下：

|  |
| --- |
| { status :"100",返回流} |

##### 穿跨越接口（待定）