**ONE-DATA接口文档**

**作业任务模块**

网站交互文档

V1.0.0

修改记录

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 修订时间 | 版本 | 内容 | 变更提出人 | 变更原因 |
| 2018/5/14 | V1.0.0 | 接口文档 | 田云鹏 | 创建文档 |
| 2018/6/27 | V1.0.0 | 接口文档 | 王浩 | 交接文档 |
| 2018/7/19 | V1.0.0 | 接口文档 | 郭宁 | 补充文档 |

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# 1、接口使用说明

## 1.1 请求方式

POST/GET

## 1.2 请求参数

## 1.3 数据交换格式

json

## 1.4 JSON格式

{

“code”:“状态码”，

“msg”:“信息”，

“data”：“属性包 ,object, list”

}

## 1.5 code 说明

code=0 成功；

# 2、工作流相关

## 2.1 创建工作流

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 创建工作流 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/create | | | | | |
| params | projectId | | Long | | 必填 | 项目id |
| name | | String | | 必填 | 工作流名称 |
| schedulerType | | String | | 必填 | 作业类型（0：周期性、1：手动） |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data":  } | | | | | |
|  | code | int | | 0/!0 | | |
| msg | String | |  | | |
| data |  | |  | | |

## 2.2 创建数据集节点

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | 创建数据集节点 | | | |
| Access | 需登录 | | | |
| Method | POST | | | |
| Description |  | | | |
| Request | url | /api/workflow/add\_dataset\_node | | |
| params | { "workflowId":1, "projectId": 1,  "dataSourceId": 2, "dataSetName": "alarm\_config\_ds",  "tableName": "alarm\_config", "isFloatToInt": "1",  "tableStructure": [{ "index": 1, "columnTypeName": "3",  "columnName": "id", "meaning": "0" }, { "index": 2,  "columnTypeName": "3", "columnName": "product\_id", "meaning":  "1" } ] } | | |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data":  } | | |
|  | code | int | 0/!0 |
| msg | string |  |
| data |  |  |

## 2.3 从数据处理对话框中创建数据集节点

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 从数据处理对话框中创建数据集节点 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/add\_dataset\_node\_by\_process\_dialog | | | | | |
| params | projectId | | Long | | 必填 | 项目id |
| dataSourceId | | Long | | 必填 | 数据源id |
| workFlowId | | Long | | 必填 | 工作流id |
| inputDataSetId | | Long | | 必填 | 输入数据集id |
| dataSetName | | String | | 必填 | 数据集名称 |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data":  } | | | | | |
|  | code | int | | 0/!0 | | |
| msg | string | |  | | |
| data |  | |  | | |

## 2.4 从已经存在的数据集中创建数据集节点

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | 从已经存在的数据集中创建数据集节点 | | | | | |
| Access | 需登录 | | | | | |
| Method | POST | | | | | |
| Description |  | | | | | |
| Request | url | /api/workflow/add\_datasetnode\_by\_exist | | | | |
| params | workflowId | | Long | 必填 | 工作流Id |
| datasetId | | Long | 必填 | 数据集id |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data":  } | | | | |
|  | code | int | | 0/!0 | |
| msg | string | |  | |
| data |  | |  | |

## 2.5 删除工作流

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 删除工作流 （逻辑删除） | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/del\_workflow | | | | | |
| params | workflowIds | | String | 必填 | | 工作流id,多个以逗号分隔 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.6 工作流列表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 工作流列表 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/list | | | | | |
| params | projectId | | Long | 必填 | 项目id | |
| name | | String | 非必填 | 名称 | |
| page | | String | 非必填 | 当前页 | |
| pageSize | | String | 非必填 | 每页大小 | |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | | 0/!0 |
| msg | string | | | |  |
| data |  | | | |  |

## 2.7 工作流详情

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 工作流详情 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/detail/{workflowId} | | | | | |
| params | workflowId | | Long | 必填 | 工作流id | |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | | 0/!0 |
| msg | string | | | |  |
| data |  | | | |  |

## 2.8 预览工作流

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 预览工作流 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/node\_rel\_list/{workflowId} | | | | | |
| params | workflowId | | Long | 必填 | 工作流id | |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | | 0/!0 |
| msg | string | | | |  |
| data |  | | | |  |

## 2.9 添加处理节点

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | 添加处理节点 | | | |
| Access | 需登录 | | | |
| Method | POST | | | |
| Description |  | | | |
| Request | url | /api/workflow/add\_node\_rel | | |
| params | {  workflowId:1,  inputNode:{datasetId:1,nodeName:’数据集1’} ,  outputNode:{datasetId:2,nodeName:’数据集2’},  processNode:{nodeProcessType:”0”,nodeProcessSubType:”0”}  } | | |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | |
|  | code | int | 0/!0 |
| msg | string |  |
| data |  |  |

## 2.10 修改处理节点

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | 添加处理节点 | | | |
| Access | 需登录 | | | |
| Method | POST | | | |
| Description |  | | | |
| Request | url | /api/workflow/upd\_node\_rel | | |
| params | {  workflowId:1,  inputNode:{datasetId:1,nodeName:’数据集1’} ,  outputNode:{datasetId:2,nodeName:’数据集2’},  processNode:{nodeId,nodeProcessType:”0”,nodeProcessSubType:”0”}  } | | |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | |
|  | code | int | 0/!0 |
| msg | string |  |
| data |  |  |

## 2.11 删除节点

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 删除节点（物理删除） | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/del\_node | | | | | |
| params | nodeId | | Long | 必填 | | 节点id |
|  |  | Projectid | | Long | 必填 | | 项目Id 记录日志 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.12 修改工作流描述

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 修改工作流描述 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/set\_workflow\_desc | | | | | |
| params | workflowId | | Long | 必填 | | 工作流id |
| desc | | String | 必填 | | 描述 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.13 工作流重命名

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 工作流重命名 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/rename\_workflow | | | | | |
| params | workflowId | | Long | 必填 | | 工作流id |
| newName | | String | 必填 | | 修改后的名称 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.14 节点详情

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 节点详情 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/get\_node\_detail/{nodeId} | | | | | |
| params | nodeId | | Long | 必填 | | 节点id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.15 清空数据集节点数据

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 节点详情 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/clear\_datasetnode\_data/{nodeId} | | | | | |
| params | nodeId | | Long | 必填 | | 节点id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.16 获取处理节点列表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 获取处理节点列表 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/get\_processnode\_list | | | | | |
| params | projectId | | Long | 必填 | | 项目id |
| workflowId | | Long | 非必填 | |  |
| nodeName | | String | 非必填 | |  |
| page | | int | 当前页 | |  |
| pageSize | | int | 每页大小 | |  |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.17 测试节点同步处理

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 测试节点同步处理 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/test\_node\_sync\_process | | | | | |
| params | processNodeId | | Long | 必填 | | 处理节点id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.18 立即执行工作流

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 立即执行工作流 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/exec\_workflow | | | | | |
| params | jobId | | Long | 必填 | | 作业id |
| projectId | | Long |  | | 项目id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.19 移除数据集节点

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 删除节点（物理删除） | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/remove\_node | | | | | |
| params | nodeId | | Long | 必填 | | 节点id |
|  |  | Projectid | | Long | 必填 | | 项目Id 记录日志 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.20 任务重跑

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | （多个）任务的重跑 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/workflow/rerun\_workflows | | | | | |
| params | taskIds | | String | 必填 | | Task的id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.21 单节点的重跑

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | （多个）单节点的重跑 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | api/workflow/single\_node\_re\_process | | | | | |
| params | singNodeIds | | String | 必填 | | 单节点的id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.22 工作流的终止

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 工作流的终止 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | api/workflow/shotdown\_workflows | | | | | |
| params | taskId | | String | 必填 | | 单节点的id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |

## 2.23 工作流的取消

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 工作流的取消 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | GET | | | | | | |
| Description |  | | | | | | |
| Request | url | api/workflow/cancle\_workflows | | | | | |
| params | taskId | | String | 必填 | | 单节点的id |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data":  } | | | | | |
|  | code | int | | | 0/!0 | |
| msg | string | | |  | |
| data |  | | |  | |