**ONE-DATA接口文档**

**工作流-SQL处理模块**

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 |
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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、SQL处理相关

## 2.1 校验sql

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 校验sql | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/code\_process/validate\_sql | | | | | |
| params | sql | | String | | 必填 | Sql语句 |
| inputs | | String | | 必填 | 输入数据集id |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data":  } | | | | | |
|  | code | int | | 0/60001/60002/60003/60004 | | |
| msg | String | | Sql合法/校验失败/输入数据集来自不同数据源/不可进行增删改操作 | | |
| data |  | |  | | |

## 2.2 保存sql处理步骤

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 保存sql处理步骤 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description | 包括数据集节点和处理节点的新建和修改，保持输出数据集结构与sql执行后临时表的结构一致 | | | | | | |
| Request | url | /api/code\_process/save\_sql | | | | | |
| params | workflowtId | | Long | | 必填 | 工作流id |
| sql | | String | | 必填 | Sql语句 |
| inoutIds | | String | | 必填 | 输入数据集id |
| outputId | | Long | | 必填 | 输出数据集id |
| isAppend | | String | | 必填 | 插入数据方式：  0-覆盖 1-追加 |
| processNodeId | | Long | | 必填 | 处理节点id |
| projectId | | Long | | 必填 | 项目id |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data":29  } | | | | | |
|  | code | int | | 0/50020/50021/ | | |
| msg | String | | 保存成功/删除数据表失败/新建数据表失败 | | |
| data | Long | | 处理节点id | | |

## 2.3 执行sql单节点测试

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 执行sql单节点测试 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/code\_process/execute\_sql | | | | | |
| params | sql | | String | | 必填 | Sql语句 |
| inoutIds | | String | | 必填 | 输入数据集id |
| outputId | | Long | | 必填 | 输出数据集id |
| processNodeId | | Long | | 必填 | 处理节点id |
| projectId | | Long | | 必填 | 项目id |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data":  } | | | | | |
|  | code | int | | 0/30003/50022/50023 | | |
| msg | String | | 测试成功/数据源不存在/插入数据失败/获取临时表字段失败 | | |
| data |  | |  | | |

## 获取临时表字段失败

## 2.4 获取sql语句

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 获取sql语句 | | | | | | |
| Access | 需登录 | | | | | | |
| Method | POST | | | | | | |
| Description |  | | | | | | |
| Request | url | /api/code\_process/get\_sql | | | | | |
| params | nodeId | | Long | | 必填 | 处理节点id |
| Response | reslut  JSON | {  "msg":"success",  "code":0,  "data": “select \* from article;”  } | | | | | |
|  | code | int | | 0/!0 | | |
| msg | String | | 获取成功/获取失败 | | |
| data |  | |  | | |