# 1接口设计

接口返回码说明

192.168.11.101:9209

|  |  |  |
| --- | --- | --- |
| **参数** | **说明** |  |
| success | Code:2000 | |
| error | Error:4000,接口错误统一返回4000，错误提示不同 | |

## 1.1目录管理

### 1.1.1新建目录

请求接口

POST | <http://ip:8080/cmgr/saveDirectory.rest>

请求参数

{"name":"test","type":1,"parentId":"239","isDel":0,"action":"saveDirectory.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| name | Yes | String | 目录名称 | |
| type | Yes | String | 目录类型 1：算子 | |
| parentId | Yes | String | 上级目录 | |
| isDel | Yes | String | 是否删除 | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"vo":{"comment":"","createTime":"","createUser":"","findType":"","id":"241","isDel":"0","name":"test11","nameSpace":"TDirectory.insert","pName":"","parentId":"239","sn":"cf369cc43fc640dc9888fa0fc46e395d","sourceId":"","type":"1","updateTime":"","updateUser":""},"id":"241"},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.1.2编辑目录

请求接口

POST | http://ip:8080/cmgr/saveDirectory.rest

请求参数

{"id":"248","name":"5555","type":1,"parentId":"48","isDel":0,"action":"saveDirectory.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 目录id | |
| name | Yes | String | 目录名称 | |
| type | Yes | String | 目录类型 1：算子 | |
| parentId | Yes | String | 上级目录 | |
| isDel | Yes | String | 是否删除 | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"vo":{"comment":"","createTime":"","createUser":"","findType":"","id":"241","isDel":"0","name":"test11","nameSpace":"TDirectory.insert","pName":"","parentId":"239","sn":"cf369cc43fc640dc9888fa0fc46e395d","sourceId":"","type":"1","updateTime":"","updateUser":""},"id":"241"},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.1.3删除目录

请求接口

POST | http://ip:8080/cmgr/deleteDirectory.rest

请求参数

{"id":"248","action":"deleteDirectory.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 目录id | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"count":"1"},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.1.4目录列表

请求接口

POST | http://ip:8080/cmgr/queryDirectoryByType.rest

请求参数

{"type":1,"action":"queryDirectoryByType.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| type | Yes | String | 目录类型 1：算子 | |
| action | No | String | 接口调用方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"vo":{"comment":"","createTime":"","createUser":"","findType":"","id":"241","isDel":"0","name":"test11","nameSpace":"TDirectory.insert","pName":"","parentId":"239","sn":"cf369cc43fc640dc9888fa0fc46e395d","sourceId":"","type":"1","updateTime":"","updateUser":""},"id":"241"},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.1.5根据目录查询算子库

请求接口

POST | http://ip:8080/cmgr/queryComponentLibByDir.rest

请求参数

{"action":"queryComponentLibByDir.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"list":[,{"categoryId":"239","categoryName":"oozie","createTime":"","createUser":"zhouyangsheng","icon":"/app/resource/new\_tree/comStor.png","id":"fcb136549ae446da99f58fc9036e5235","name":"","updateTime":"2017-11-28 11:07:53.0","updateUser":""}]},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.1.6根据目录分页查询算子库

请求接口

POST | http://ip:8080/cmgr/queryComponentLibByDirPage.rest

请求参数

{"pageNum":1,"pageSize":20,"name":"","categoryId":"","action":"queryComponentLibByDirPage.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | int | 当前页 | |
| pageSize | Yes | int | 每页显示数 | |
| name | Yes | String | 算子库名称 | |
| categoryId | Yes | String | 目录id | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"list":{"pageNum":1,"pageSize":20,"pageSum":1,"recordList":[{"categoryId":"240","categoryName":"test","createTime":"2017-12-08 09:54:48.0","createUser":"chenqiangwei","icon":"/app/resource/new\_tree/comStor.png","id":"3ae01b418def4c5ba3361325592aeecb","name":"201712081002","nameSpace":"","pageOffset":0,"pageSize":0,"updateTime":"2017-12-23 16:28:29.0","updateUser":""}],"recordSum":15}},"path":"","result":{"code":"2000","message":"","status":"OK"}}

## 1.2算子库管理

### 1.2.1新增算子库

请求接口

POST | http://ip:8080/cmgr/saveComponentLib.rest

请求参数

{"name":"444","icon":"/app/resource/new\_tree/comStor.png","categoryId":"242","createUser":"gaosong","action":"saveComponentLib.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| name | Yes | String | 算子库名称 | |
| icon | Yes | String | 算子库图标 | |
| categoryId | Yes | String | 所在目录id | |
| createUser | Yes | String | 创建人 | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"算子库新增成功!","status":"OK"}}

### 1.2.2编辑算子库

请求接口

POST | http://ip:8080/cmgr/saveComponentLib.rest

请求参数

{"id":"134eefad7e954cdbbd9dce5c281ae4a1","name":"4445","action":"saveComponentLib.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 算子库id | |
| name | Yes | String | 算子库名称 | |
| categoryId | Yes | String | 所在目录id | |
| action | No | String | 接口调用方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"id":"134eefad7e954cdbbd9dce5c281ae4a1"},"path":"","result":{"code":"2000","message":"算子库编辑成功!","status":"OK"}}

### 1.2.3删除算子库

请求接口

POST | http://ip:8080/cmgr/delComponentLib.rest

请求参数

{"id":"134eefad7e954cdbbd9dce5c281ae4a1","action":"delComponentLib.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 算子库id | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"算子库删除成功!","status":"OK"}}

### 1.2.4根据算子库分页查询算子

请求接口

POST | http://ip:8080/cmgr/queryComponentByLibPage.rest

请求参数

{"id":"3ae01b418def4c5ba3361325592aeecb","pageNum":1,"pageSize":20,"action":"queryComponentByLibPage.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | int | 当前页 | |
| pageSize | Yes | int | 每页显示数 | |
| id | Yes | String | 算子库id | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"list":{"pageNum":1,"pageSize":20,"pageSum":1,"recordList":[{"authority":"7","bigIcon":"/app/resource/icon/basictocomposite\_16x16.png","cType":"","categoryId":"3ae01b418def4c5ba3361325592aeecb","checkAuth":"","comment":"sdfgsdafasd","createTime":"2017-12-21 15:17:36.0","createUser":"root","dirId":"","dirType":"","fileList":[],"fileType":"","flag":"","id":"1c511c7d36bd4ce79eaf7b8244dad79e","ids":"","importTime":"","importUser":"","isCover":"","isDel":"1","isnew":"","list":[],"name":"ccc201712211517","nameSpace":"","operType":"","overwrite":"","pageOffset":0,"pageSize":0,"parentId":"","search":"","smallIcon":"/app/resource/icon/basictocomposite\_16x16.png","sn":"1c511c7d36bd4ce79eaf7b8244dad79e","sns":[],"sort":"","sourceType":"","template":"{\"script\":\"\",\"compileFunc\":\"\",\"renderFunc\":\"\",\"defineTemplate\":\"\",\"defineTemplateUrl\":\"\",\"applyTemplate\":\"\",\"applyTemplateUrl\":\"/app/module/comLib/comApply/commonView.html\",\"interpreter\":\"1\",\"language\":\"scala\",\"paramList\":[]}","tip":"","tipIcon":"/app/resource/icon/basictocomposite\_16x16.png","type":"job","updateTime":"","updateUser":"","upgrade":"","userId":"","version":"1"}],"recordSum":2}},"path":"","result":{"code":"2000","message":"","status":"OK"}}

## 1.3算子管理

### 1.3.1新增算子

请求接口

POST | http://ip:8080/cmgr/saveComponent.rest

请求参数

{"component":{"name":"ccc","sn":"0e171045c28e4c129da955461b5a729b","type":"job","comment":"sdfsdafdsf","version":2,"createUser":"root","authority":"7","smallIcon":"/app/resource/icon/basictocomposite\_16x16.png","bigIcon":"/app/resource/icon/basictocomposite\_16x16.png","tip":"","tipIcon":"/app/resource/icon/basictocomposite\_16x16.png","categoryId":"3ae01b418def4c5ba3361325592aeecb","file":[]},"action":"saveComponent.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| name | Yes | String | 算子名称 | |
| sn | No | String | sn | |
| type | Yes | String | 算子类型 | |
| comment | Yes | String | 算子描述 | |
| version | Yes | String | 算子版本 | |
| createUser | Yes | String | 创建人 | |
| updateUser | Yes | String | 修改人 | |
| authority | Yes | String | 算子权限 | |
| smallIcon | Yes | String | 算子小图标 | |
| bigIcon | Yes | String | 算子大图标 | |
| tip | Yes | String | 算子提示 | |
| tipIcon | yes | String | 算子提示图标 | |
| categoryId | Yes | String | 目录id | |
| file | Yes | String | 算子相关jar文件 | |

返回参数

{"data":{"list":[{"id":"248","name":"55555","pName":"dirName","parentId":"48"}]},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.3.2编辑算子

请求接口

POST | http://ip:8080/cmgr/saveComponent.rest

请求参数

{"component":{"id":"0e171045c28e4c129da955461b5a729b","name":"ccc","sn":"0e171045c28e4c129da955461b5a729b","type":"job","comment":"sdfsdafdsf","version":2,"createUser":"root","authority":"7","smallIcon":"/app/resource/icon/basictocomposite\_16x16.png","bigIcon":"/app/resource/icon/basictocomposite\_16x16.png","tip":"","tipIcon":"/app/resource/icon/basictocomposite\_16x16.png","categoryId":"3ae01b418def4c5ba3361325592aeecb","file":[]},"action":"saveComponent.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 算子id | |
| name | Yes | String | 算子名称 | |
| sn | No | String | sn | |
| type | Yes | String | 算子类型 | |
| comment | Yes | String | 算子描述 | |
| version | Yes | String | 算子版本 | |
| createUser | Yes | String | 创建人 | |
| updateUser | Yes | String | 修改人 | |
| authority | Yes | String | 算子权限 | |
| smallIcon | Yes | String | 算子小图标 | |
| bigIcon | Yes | String | 算子大图标 | |
| tip | Yes | String | 算子提示 | |
| tipIcon | yes | String | 算子提示图标 | |
| categoryId | Yes | String | 目录id | |
| file | Yes | String | 算子相关jar文件 | |

返回参数

{"data":{"list":[{"id":"248","name":"55555","pName":"dirName","parentId":"48"}]},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.3.3删除算子

**请求接口**

POST | http://ip:8080/cmgr/delComponentLibRelation.rest

请求参数

{"libId":"3ae01b418def4c5ba3361325592aeecb","commentId":"1c511c7d36bd4ce79eaf7b8244dad79e","action":"delComponentLibRelation.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| libId | Yes | String | 算子库id | |
| commentId | Yes | String | 算子id | |
| name | Yes | String | 分析流名称 | |
| categoryId | Yes | String | 目录id | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"算子删除成功!","status":"OK"}}

### 1.3.4算子详情

请求接口

POST | http://ip:8080/cmgr/queryComponentById.rest

请求参数

{"component":{"id":"2756"}}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 算子id | |

返回参数

{

"data":{

"component":{

"authority":"7",

"bigIcon":"/app/resource/icon/basictocomposite\_16x16.png",

"categoryId":"135",

"comment":"test",

"createTime":"2017-10-12 13:50:44",

"createUser":"root",

"id":"2756",

"isDel":"1",

"name":"test111",

"smallIcon":"/app/resource/icon/basictocomposite\_16x16.png",

"sn":"fcc8060e-c421-4d22-b92f-9eb0e30919c6",

"template":"{\"script\":\"test\",\"compileFunc\":\"test\",\"renderFunc\":\"test\",\"defineTemplate\":\"\",\"defineTemplateUrl\":\"\",\"applyTemplate\":\"\",\"applyTemplateUrl\":\"/app/module/comLib/comApply/commonView.html\",\"interpreter\":\"1\",\"language\":\"scala\",\"paramList\":[]}",

"tip":"test",

"tipIcon":"/app/resource/icon/basictocomposite\_16x16.png",

"type":"job",

"version":"1"

}

},

"result":{"code":"2000","message":"","status":"OK"}

}

### 1.3.5编辑模板

请求接口

POST | http://ip:8080/cmgr/saveComponentTemplate.rest

请求参数

{

"component":{

"id":"2756",

"template":"{\"script\":\"test\",\"compileFunc\":\"test\",\"renderFunc\":\"test\",\"defineTemplate\":\"\",\"defineTemplateUrl\":\"\",\"applyTemplate\":\"\",\"applyTemplateUrl\":\"/app/module/comLib/comApply/commonView.html\",\"interpreter\":\"1\",\"language\":\"scala\",\"paramList\":[]}",

"isnew":true

}

}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 算子id | |
| template | Yes | String | 算子模板 | |

返回参数

{"data":{},"result":{"code":"2000","message":"编辑成功！","status":"OK"}}

### 1.3.6模板详情

请求接口

POST | http://ip:8080/cmgr/queryComponentTemplate.rest

请求参数

{"component":{"id":"2756"}}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 算子id | |

返回参数

{

"data":{

"id":"2756",

"template":"{\"script\":\"test\",\"compileFunc\":\"test\",\"renderFunc\":\"test\",\"defineTemplate\":\"\",\"defineTemplateUrl\":\"\",\"applyTemplate\":\"\",\"applyTemplateUrl\":\"/app/module/comLib/comApply/commonView.html\",\"interpreter\":\"1\",\"language\":\"scala\",\"paramList\":[]}"},

"result":{"code":"2000","message":"","status":"OK"

}

}

### 1.3.7 获取算子所有的svn版本号

Action: getAllVersions.rest

参数：{"id":"","name":""}

{"data":{"versions":[]},"result":{"code":"2000","message":"","status":""}}

### 1.3.8 获取算子指定版本的脚本内容

Action: getContentAtVersion.rest

参数：{"id":"","name":"","svnVersion":""}

{"data":{"content":""},"result":{"code":"2000","message":"","status":""}}

## 1.4分析流管理

### 1.4.1分析流目录

请求接口

POST | http://ip:8080/cmgr/queryCategroy.rest

请求参数

{"type":"3","action":"queryCategroy.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| type | Yes | String | 目录类型 1：算子 3：分析流 | |
| action | No | String | 接口调用方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"workflowTrees":[{"categoryDesc":"","categoryId":"dde1000facf44551a369cad7465b8947","categoryName":"","createDate":"2017-12-21 13:26:58.0","dName":"","fileType":"1","name":"滴答滴菲菲","pName":"","parentId":"-1","type":"3"}]},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.4.2分析流分页列表

请求接口

POST | http://ip:8080/cmgr/queryworkflowsByParamPage.rest

请求参数

{"pageNum":1,"pageSize":20,"name":"","categoryId":"","action":"queryworkflowsByParamPage.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | int | 当前页 | |
| pageSize | Yes | int | 每页显示数 | |
| name | Yes | String | 分析流名称 | |
| categoryId | Yes | String | 目录id | |
| action | No | String | 接口方法 | |
| login | No | String |  | |
| user | No | String | 登录人 | |

返回参数

{"data":{"workflowTrees":{"pageNum":1,"pageSize":20,"pageSum":1,"recordList":[{"categoryId":"dde1000facf44551a369cad7465b8947","categoryName":"滴答滴菲菲","createDate":"","flag":"1","name":"廖偲测试","pageOffset":0,"pageSize":0,"type":"3","workflowId":"262bb715f3c74f83a3889e91e9895e8c"},{"categoryId":"3","categoryName":"分析流","createDate":"","flag":"1","name":"网管数据分析","pageOffset":0,"pageSize":0,"type":"3","workflowId":"3fdcb2d81ce64d6fb9169987fd94691e"}],"recordSum":8}},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.4.3编辑分析流

**请求接口**

POST | http://ip:8080/cmgr/saveOrUpdateWorkflow.rest

请求参数

{"name":"201712081213","categoryId":"769f4e43a6f14bc89eba2c15aa5f52f4","type":"3","workflowId":"736b45ced75b46789d640c5b1433471e","userId":7005,"action":"saveOrUpdateWorkflow.rest","dte":1515051345231}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| userId | Yes | String | 用户id | |
| name | Yes | String | 分析流名称 | |
| categoryId | Yes | String | 目录id | |
| action | No | String | 接口方法 | |
| workflowId | Yes | String | 分析流id | |

返回参数

{"data":{"id":"736b45ced75b46789d640c5b1433471e","vo":{"categoryId":"769f4e43a6f14bc89eba2c15aa5f52f4","flag":"1","name":"201712081213","workflowId":"736b45ced75b46789d640c5b1433471e"}},"result":{"code":"2000","message":"","status":"OK"}}

### 1.4.4新增分析流

**请求接口**

POST | http://ip:8080/cmgr/saveOrUpdateWorkflow.rest

请求参数

{"name":"tttt","userId":7005,"categoryId":"3","action":"saveOrUpdateWorkflow.rest","dte":1515051628708}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| userId | Yes | String | 用户id | |
| name | Yes | String | 分析流名称 | |
| categoryId | Yes | String | 目录id | |
| action | No | String | 接口方法 | |

返回参数

{"data":{"vo":{"categoryId":"3","flag":"1","name":"tttt","workflowId":"ca26244ddef14111bb23b6d35a807747"}},"result":{"code":"2000","message":"","status":"OK"}}

### 1.4.5删除分析流

**请求接口**

POST | http://ip:8080/cmgr/deleteWorkflowById.rest

请求参数

{"id":"ca26244ddef14111bb23b6d35a807747","action":"deleteWorkflowById.rest","dte":1515051766441}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 分析流id | |
| action | No | String | 接口方法 | |

返回参数

{"data":{},"result":{"code":"2000","message":"删除成功!","status":"OK"}}

### 1.4.6分析流详情

**请求接口**

POST | http://ip:8080/cmgr/queryWorkflowById.rest

请求参数

{"id":"736b45ced75b46789d640c5b1433471e","action":"queryWorkflowById.rest","dte":1515051845385}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 分析流id | |
| action | No | String | 接口方法 | |

返回参数

{

"data":{

"workflow":"",

"isCombine":"1","name":"111","noteId":"2C3MPP5VK",

"oozieXMLString":"",

"workflowId":"566"}

},

"result":{"code":"2000","message":"","status":"OK"}}

## 1.5文件管理（老版）

### 1.5.1文件目录列表

**请求接口**

POST | http://ip:8080/cmgr/queryFileList.rest

请求参数

{"action":"queryFileList.rest","login":null,"user":"gaosong"}

返回参数

{"data":{"list":[{"comment":"","destination":"","directory":"web/template","fileName":"","fileType":"1","fsPath":"","id":"","imageUrl":"","name":"template","overwrite":"","pageOffset":0,"pageSize":0,"path":"","pid":"web","shortName":"","type":"web","uploadTime":"","uploadUser":"","version":""}]},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.5.2文件列表

**请求接口**

POST | http://ip:8080/cmgr/queryFileList.rest

请求参数

{"directory":"","destination":"","pageSize":20,"pageNum":1,"action":"queryFileListPage.rest","login":null,"user":"gaosong"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| directory | Yes | String | 文件目录 | |
| destination | Yes | String | 服务器类型 | |
| pageSize | Yes | int | 每页显示数 | |
| pageNum | Yes | int | 当前页 | |
| action | No | String | 接口方法 | |

返回参数

{"data":{"list":{"pageNum":1,"pageSize":20,"pageSum":1,"recordList":[{"comment":"","destination":"web","directory":"web/web/template/mongo-spark-connector\_2.10-0.1.jar","fileName":"mongo-spark-connector\_2.10-0.1.jar","fileType":"0","fsPath":"","id":"d1819043df814fb69d9c0f7aa2bd7460","imageUrl":"/app/resource/new\_tree/file.png","name":"mongo-spark-connector\_2.10-0.1.jar","overwrite":"","pageOffset":0,"pageSize":0,"path":"/api/rest//upload/web/template/mongo-spark-connector\_2.10-0.1.jar","pid":"web/web/template","shortName":"","type":"web","uploadTime":"2017-12-26 16:16:54.0","uploadUser":"","version":""}],"recordSum":10}},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.5.3上传文件

**请求接口**

POST | http://ip:8080/cmgr/upload/uploadFile.rest

请求参数

{

"destination":"web",

"directory":"other",

"directory":"web345345.txt "

}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| destination | Yes | String | 上传服务器类型 | |
| directory | Yes | String | 上传目录 | |
| fileName | No | String | 文件名称 | |

返回参数

{

"data":{},

"path":"upload/other/web345345.txt",

"result":{"code":"2000","message":"上传成功!","status":"OK"}

}

### 1.5.4复制文件

**请求接口**

POST | http://ip:8080/cmgr/copyFile.rest

请求参数

{"destination":"web","id":"2184639","directory":"/icon"}

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.5.5删除文件

**请求接口**

POST | http://ip:8080/cmgr/delFile.rest

请求参数

{id: "2184641"}

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.5.6文件详情

**请求接口**

POST | http://ip:8080/cmgr/queryFileInfo.rest

请求参数

{id: "2184641"}

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

## 1.6周期管理

### 1.6.1周期列表

**请求接口**

POST | http://ip:8080/cmgr/queryCoordinatorPage.rest

请求参数

{"pageNum":1,"pageSize":10}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | String | 当前页 | |
| pageSize | Yes | String | 每页显示个数 | |
| name | No | String | 周期名称 | |
| status | No | String | 周期状态 1：未执行 2：已发布 3：暂停 | |

返回参数

{

"data":{

"list":{

"pageNum":1,

"pageSum":1,  
"recordList":[{

"createDate":"2016-11-30 09:27:02",

"endDate":"2016-12-01 12:59",

"id":"67",

"name":"echarts",

"oozieXMLString":"",

"startDate":"2016-11-30 12:00",

"status":"1",

"type":"hours",

"value":"1",

"workflowId":"617",

"workflowName":"echarts主题测试"}],

"recordSum":8

}},

"result":{"code":"2000","message":"","status":"OK"}

}

### 1.6.2编辑周期任务

**请求接口**

POST | http://ip:8080/cmgr/saveOrUpdateCoordinator.rest

请求参数

{

"workflowId":"952",

"workflowName":"周期任务gs",

"id":"",

"name":"tttt",

"type":"minutes",

"val":"6",

"start":"2017-10-18 00:59",

"end":"2017-10-26 00:59"

}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| workflowId | Yes | String | 分析流id | |
| workflowName | Yes | String | 分析流名称 | |
| name | Yes | String | 周期名称 | |
| type | Yes | String | 时间类型 | |
| val | Yes | String | 时间值 | |
| start | Yes | String | 开始时间 | |
| end | Yes | String | 结束时间 | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.6.3执行周期任务

**请求接口**

POST | http://ip:8080/cmgr/runCoordinator.rest

请求参数

{"id":"100"}

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.6.4周期任务操作

**请求接口**

POST | http://ip:8080/cmgr/coordinatorHandle.rest

请求参数

{"type":"suspend","id":"100"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| type | Yes | String | 操作类型 supsend：暂停 kill：删除任务 | |
| id | Yes | String | 任务id | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.6.5删除周期任务

**请求接口**

POST | http://ip:8080/cmgr/delCoordinator.rest

请求参数

{"id":"100"}

返回参数

{

"data":{"count":"0"},"path":"","result":{"code":"2000","message":"","status":"OK"}

}

## 1.7绑定管理

### 1.7.1绑定列表

**请求接口**

POST | http://ip:8080/cmgr/queryBundlePage.rest

请求参数

{"pageNum":1,"pageSize":10}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | String | 当前页 | |
| pageSize | Yes | String | 每页显示个数 | |
| name | No | String | 任务名称 | |
| status | No | String | 任务状态 1：未执行 2：已发布 3：暂停 | |

返回参数

{

"data":{

"list":{

"pageNum":1,

"pageSum":2,

"recordList":[{

"coordinatorId":"11,10",

"createDate":"2016-06-23 09:43:33",

"id":"17",

"name":"tersmytest",

"status":"1"}],

"recordSum":11}},

"result":{"code":"2000","message":"","status":"OK"}}

### 1.7.2编辑绑定任务

**请求接口**

POST | http://ip:8080/cmgr/saveBundle.rest

请求参数

{"name":"111","coordinatorId":"95,79"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| name | Yes | String | 任务名称 | |
| coordinatorId | Yes | String | 周期id | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.7.3执行绑定任务

**请求接口**

POST | http://ip:8080/cmgr/runBundle.rest

请求参数

{"id":"35"}

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.7.4绑定任务操作

**请求接口**

POST | http://ip:8080/cmgr/bundleHandle.rest

请求参数

{"type":"suspend","id":"35"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| type | Yes | String | 操作类型 supsend：暂停 kill：删除任务 | |
| id | Yes | String | 任务id | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.7.5删除绑定任务

**请求接口**

POST | http://ip:8080/cmgr/delBundle.rest

请求参数

{"id":"35"}

返回参数

{

"data":{"count":"0"},"path":"","result":{"code":"2000","message":"","status":"OK"}

}

## 1.8资源状态管理

### 1.8.1应用列表

**请求接口**

POST | http://ip:8080/cmgr/spark/getApplications.rest

请求参数

{"status":"","minDate":"","maxDate":""}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| status | No | String | 应用状态 | |
| minDate | No | String | 时间范围（最小时间） | |
| maxDate | No | String | 时间范围（最大时间） | |

返回参数

{

"data":{

"appList":[{

"attempts":[{

"completed":"RUNNING",

"endTime":"1970-01-01 07:59:59",

"sparkUser":"root",

"startTime":"2017-10-17 16:49:33"}],

"coresGranted":"",

"coresPerExecutor":"",

"duration":"8.5h",

"id":"app-20171017164933-0028",

"memoryPerExecutorMB":"","name":"ZZJZ-23"}]},

"result":{"code":"2000","message":"","status":"OK"}

}

参数说明

|  |  |  |  |
| --- | --- | --- | --- |
| **参数** | **类型** | **说明** |  |
| id | String | 应用id | | |
| name | String | 应用名称 | | |
| coresGranted | Int | 核数（cores） | | |
| coresPerExecutor | Int | 执行核数 | | |
| memoryPerExecutorMB | int | 节点内存（memory per node） | | |
| attempts | array | 开始时间：startTime 结束时间：endTime用户：sparkUser 完成状态：completed | | |

### 1.8.2 job列表

**请求接口**

POST | http://ip:8080/cmgr/spark/spark/getJobs.rest

请求参数

{"appId":"app-20171017160528-0027"}

返回参数

{

"data":{

"jobList":[{

"completionTime":"2017-10-17 17:20:36",

"description":"",

"duration":"18ms",

"jobGroup":"zzjz-20161222-094729\_422400919",

"jobId":"102",

"name":"show at <console>:242",

"numActiveStages":"0",

"numActiveTasks":"0",

"numCompletedStages":"1",

"numCompletedTasks":"4",

"numFailedStages":"0",

"numFailedTasks":"0",

"numSkippedStages":"1",

"numSkippedTasks":"4",

"numTasks":"5",

"stageIds":["163","164"],

"status":"SUCCEEDED",

"submissionTime":"2017-10-17 17:20:36"}]},

"result":{"code":"2000","message":"","status":"OK"}

}

### 1.8.3 stages列表

**请求接口**

POST | http://ip:8080/cmgr/spark/spark/getJobs.rest

请求参数

{"appId":"app-20171017160528-0027"}

返回参数

{

"data":{

"stageList":[{

"accumulatorUpdates":[],

"attemptId":"0",

"completionTime":"",

"details":"",

"diskBytesSpilled":"0",

"executorRunTime":"9",

"executorSummary":[],

"firstTaskLaunchedTime":"",

"inputBytes":"0",

"inputRecords":"0",

"memoryBytesSpilled":"0",

"name":"show at <console>:249",

"numActiveTasks":"0",

"numCompleteTasks":"4",

"numFailedTasks":"0",

"outputBytes":"0",

"outputRecords":"0",

"schedulingPool":"default",

"shuffleReadBytes":"3514",

"shuffleReadRecords":"4",

"shuffleWriteBytes":"0",

"shuffleWriteRecords":"0",

"stageId":"168",

"status":"COMPLETE",

"submissionTime":"",

"tasks":[]},

"result":{"code":"2000","message":"","status":"OK"}}

### 1.8.4 stage详情

**请求接口**

POST | http://ip:8080/cmgr/spark/spark/getStage.rest

请求参数

{"appId":"app-20171017160528-0027","stage":"0"}

返回参数

{

"status": "COMPLETE",

"stageId": 0,

"attemptId": 0,

"numActiveTasks": 0,

"numCompleteTasks": 1,

"numFailedTasks": 0,

"executorRunTime": 1443,

"submissionTime": "2017-09-04T04:49:05.001GMT",

"firstTaskLaunchedTime": "2017-09-04T04:49:05.003GMT",

"completionTime": "2017-09-04T04:49:07.345GMT",

"inputBytes": 0,

"inputRecords": 0,

"outputBytes": 0,

"outputRecords": 0,

"shuffleReadBytes": 0,

"shuffleReadRecords": 0,

"shuffleWriteBytes": 0,

"shuffleWriteRecords": 0,

"memoryBytesSpilled": 0,

"diskBytesSpilled": 0,

"name": "treeAggregate at MongoInferSchema.scala:76",

"details": "",

"schedulingPool": "default",

"accumulatorUpdates":[],

"tasks":{

"0":{"taskId": 0, "index": 0, "attempt": 0, "launchTime": "2017-09-04T04:49:05.003GMT",…}

},

"executorSummary":{

"1":{"taskTime": 2337, "failedTasks": 0, "succeededTasks": 1, "inputBytes": 0, "outputBytes": 0,…}

}

}

### 1.8.5 attempt详情

**请求接口**

POST | http://ip:8080/cmgr/spark/spark/getAttempt.rest

请求参数

{"appId":"app-20171017160528-0027","stage":"0","attemptId":"0"}

返回参数

{"status": "COMPLETE", "stageId": 0, "attemptId": 0, "numActiveTasks": 0, "numCompleteTasks": 1,…}

### 1.8.6 指定stage对应task列表

**请求接口**

POST | http://ip:8080/cmgr/spark/spark/getTasks.rest

请求参数

{“appId:”app-20170904124821-0002”,”stageId”:”0”,”attemptId:”0”}

返回参数

{

"taskId": 0,

"index": 0,

"attempt": 0,

"launchTime": "2017-09-04T04:49:05.003GMT",

"executorId": "1",

"host": "data1",

"taskLocality": "ANY",

"speculative": false,

"accumulatorUpdates":[],

"taskMetrics":

{"executorDeserializeTime": 743, "executorRunTime": 1443, "resultSize": 1918, "jvmGcTime": 65, "resultSerializationTime": 3,…}

}

## 1.9发布管理

### 1.9.1发布管理列表

**请求接口**

POST | http://ip:8080/cmgr/queryDirectorysHierarchyName.rest

请求参数

{

"pageNum":1,

"name":"",

"pageSize":5

}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | String | 当前页 | |
| pageSize | Yes | String | 每页显示个数 | |
| name | No | String | 分析流名称 | |

返回参数

{

"data":{

"list":{

"pageNum":1,

"pageSize":5,

"pageSum":79,

"recordList":[{

"categoryId":"db2b1808-8bc5-4d20-8dcf-f02758ae82ef",

"flag":"1",

"isPublish":"0",

"name":"数据源转算子",

"userId":"1473831460562",

"workflowId":"1534"}],

"recordSum":391}},

"result":{"code":"2000","message":"","status":"OK"}

}

### 1.9.2发布分析流

**请求接口**

POST | http://ip:8080/cmgr/workflowPublish.rest

请求参数

{

"workflowId":"1534",

"userId":"1474177033665",

"type":"1"

}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| workflowId | Yes | String | 分析流id | |
| userId | Yes | String | 用户id | |
| type | Yes | String | 发布操作 0：取消发布 1：发布 | |

返回参数

{"data":{},"result":{"code":"2000","message":"","status":"OK"}}

## 1.10回收站管理

### 1.10.1分析流列表

**请求接口**

POST | http://ip:8080/cmgr/queryWorkflowPage.rest

请求参数

{"pageNum":"1","pageSize":"10","flag":"0","action":"queryWorkflowPage.rest","dte":1515055102372}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | String | 当前页 | |
| pageSize | Yes | String | 每页显示个数 | |
| flag | Yes | String | 分析流状态 0：删除 | |
| action | No | String | 接口方法 | |

返回参数

{"data":{"list":{"pageNum":1,"pageSize":10,"pageSum":1,"recordList":[{"categoryId":"3","flag":"0","isPublish":"0","name":"tttt","pageOffset":0,"pageSize":0,"workflowId":"ca26244ddef14111bb23b6d35a807747"}],"recordSum":1}},"result":{"code":"2000","message":"","status":"OK"}}

### 1.10.2分析流删除

**请求接口**

POST | http://ip:8080/cmgr/deleteWorkflowById.rest

请求参数

{"id":"ca26244ddef14111bb23b6d35a807747","type":"del","action":"deleteWorkflowById.rest","dte":1515055332717}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 分析流id | |
| type | Yes | String | Type：del删除 | |
| action | Yes | String | 接口方法 | |

返回参数

{"data":{"count":"1"},"result":{"code":"2000","message":"","status":"OK"}}

### 1.10.3算子列表

**请求接口**

POST | http://ip:8080/cmgr/getComponentPage.rest

请求参数

{"pageNum":"1","pageSize":"10","flag":"2","action":"getComponentPage.rest","dte":1515054875045}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| pageNum | Yes | String | 当前页 | |
| pageSize | Yes | String | 每页显示个数 | |

返回参数

{"data":{"list":{"pageNum":1,"pageSize":10,"pageSum":0,"recordList":[],"recordSum":0}},"result":{"code":"2000","message":"","status":"OK"}}

### 1.10.4算子删除

**请求接口**

POST | http://ip:8080/cmgr/deleteComponent.rest

请求参数

{"id":"1e36a034abdd452db0b88c9e03a19429","userId":7005,"type":"del","action":"deleteComponent.rest","dte":1515056747462}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 算子id | |
| type | Yes | String | Type：del删除 | |
| action | Yes | String | 接口方法 | |

返回参数

{"data":{"count":"1","vo":{"checkAuth":"4","fileList":[],"id":"1e36a034abdd452db0b88c9e03a19429","list":[],"nameSpace":"TComponent.delete","operType":"delete","pageOffset":0,"pageSize":0,"userId":"7005"}},"result":{"code":"2000","message":"删除成功！","status":"OK"}}

## 1.11其他

### 1.11.1数据库列表

**请求接口**

POST | http://ip:8080/cmgr/queryDatabasesList.rest

请求参数

{"DBType":"MySQL","ConnType":"Host","Host":"192.168.11.26","Port":"3306","User":"oozie","Passw":"oozie","action":"queryDatabasesList.rest","dte":1515113889061}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| DBType | Yes | String | 数据源类型 | |
| Host | Yes | String | ip | |
| Port | Yes | String | 端口 | |
| User | Yes | String | 用户名 | |
| Passw | Yes | String | 密码 | |

返回参数

{"data":{"list":["zzjzweb\_dep\_bak","zzjzweb\_product","zzjzweb\_test"]},"result":{"code":"2000","message":"","status":"OK"}}

### 1.11.2表以及结构

**请求接口**

POST | http://ip:8080/cmgr/queryTablesList.rest

请求参数

{"DBType":"MySQL","ConnType":"Host","Host":"192.168.11.26","Port":"3306","User":"oozie","Passw":"oozie","action":"queryTablesList.rest","dte":1515114108364,"Base":"ceshi"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| DBType | Yes | String | 数据源类型 | |
| Host | Yes | String | Ip地址 | |
| Port | Yes | String | 端口 | |
| User | Yes | String | 用户名 | |
| Passw | Yes | String | 密码 | |
| Base | Yes | String | 数据库 | |

返回参数

{"data":{"list":[{"columnList":[{"cName":"id","type":"BIGINT UNSIGNED"},{"cName":"template\_name","type":"VARCHAR"}],"tName":"workflow\_template"}]},"result":{"code":"2000","message":"","status":"OK"}}

### 1.11.3节点数据保存

**请求接口**

POST | http://ip:8080/cmgr/saveNodeFile.rest

请求参数

{"nodeId":"v0A8Fk","nodePath":"3333\_V201801050906660","nodeRdd":"{\"rdds\":[{\"rdd\":\"1\_v0A8Fk\"}],\"filename\":\"3333\",\"time\":\"201801050906660\"}","action":"saveNodeFile.rest","dte":1515114376777}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| nodeId | Yes | String | 节点id | |
| nodePath | Yes | String | 节点路径 | |
| nodeRdd | Yes | String | 节点Rdd | |
| fileName | Yes | String | 节点名称 | |

返回参数

{"data":{"id":"359"},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.11.4节点数据列表

**请求接口**

POST | http://ip:8080/cmgr/queryNodeFileList.rest

请求参数

{"nodeId":"v0A8Fk","action":"queryNodeFileList.rest"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| nodeId | Yes | String | 节点id | |
| action | Yes | String | 接口方法 | |

返回参数

{"data":{"NodeList":[{"createDate":"2018-01-05 17:05:24.0","id":"359","nodeId":"v0A8Fk","nodePath":"3333\_V201801050906660","nodeRdd":"{\"rdds\":[{\"rdd\":\"1\_v0A8Fk\"}],\"filename\":\"3333\",\"time\":\"201801050906660\"}"}]},"path":"","result":{"code":"2000","message":"","status":"OK"}}

## 1.12 APP应用管理

输入参数数据结构：

{

action: REST命令名称,

component: 输入参数（对象或数组）

login: 当前用户会话ID（保留）

user: 当前用户名（未来去掉该参数）

dte: 当前时间（该参数视情况可能不传递）

}

返回数据结构：

{

data: 输出参数（对象或数组）,

result: {

code: 状态码（字符串）

status: 执行状态（字符串）：OK、EROR

message: 执行结果消息（字符串）

}

}

### 1.12.1 发布APP

action：saveAppFlow.rest

输入输出参数均为对象。

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| id | int | √ | APP分析流ID，如果为空则新增 |
| name | varchar(255) |  | APP分析流名称 |
| workflowId | char(36) |  | 对应的分析流ID |
| paramSetting | text |  | APP发布参数 |
| diagram | text |  | 流程图 |
| oozieXml |  | √ | 保留 |
| template | text |  | 布局模板 |
| loginUser | varchar(128) |  | 当前用户，如果新增则写入create\_user，同时当前系统时间写入create\_time；否则写入update\_user字段，同时当前系统时间写入update\_time。 |
| 返回 | 类型 | 可选 | 说明 |
| id | int | √ | 主键，自增 |
| name | varchar(255) | √ | APP分析流名称 |
| sn | char(36) | √ | 分析流GUID（用于导入导出） |
| workflow\_id | char(36) | √ | 对应的分析流ID |
| param\_setting | text |  | APP发布参数 |
| diagram | text | √ | 流程图 |
| oozie\_xml | text |  | 周期任务设置 |
| template | text |  | 布局模板 |
| create\_user | varchar(128) |  | 创建用户 |
| create\_time | datetime |  | 创建时间 |
| update\_user | varchar(128) |  | 最后修改用户 |
| update\_time | datetime |  | 最后修改时间 |

### 1.12.2 获取同分析流的APP

action：getAppByFlow.rest

输入参数为对象，返回为数组。

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| workflowId | char(36) |  | 对应的分析流ID |
| loginUser | varchar(128) |  | 保留 |
| 返回参数 | 类型 | 可选 | 说明 |
| id | int | √ | 主键，自增 |
| name | varchar(255) | √ | APP分析流名称 |
| sn | char(36) | √ | 分析流GUID（用于导入导出） |
| workflow\_id | char(36) | √ | 对应的分析流ID |
| param\_setting | text |  | APP发布参数 |
| diagram | text | √ | 流程图 |
| oozie\_xml | text |  | 周期任务设置 |
| template | text |  | 布局模板 |
| create\_user | varchar(128) |  | 创建用户 |
| create\_time | datetime |  | 创建时间 |
| update\_user | varchar(128) |  | 最后修改用户 |
| update\_time | datetime |  | 最后修改时间 |

### 1.12.3 获取当前用户授权的所有APP分析流

action：getAuthorizedAppFlow.rest

输入参数为对象，返回为数组。

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| user | varchar(128) |  | 保留 |
| 返回参数 | 类型 | 可选 | 说明 |
| id | int | √ | 主键，自增 |
| name | varchar(255) | √ | APP分析流名称 |
| sn | char(36) | √ | 分析流GUID（用于导入导出） |
| workflow\_id | char(36) | √ | 对应的分析流ID |
| param\_setting | text |  | APP发布参数 |
| diagram | text | √ | 流程图 |
| oozie\_xml | text |  | 周期任务设置 |
| template | text |  | 布局模板 |
| create\_user | varchar(128) |  | 创建用户 |
| create\_time | datetime |  | 创建时间 |
| update\_user | varchar(128) |  | 最后修改用户 |
| update\_time | datetime |  | 最后修改时间 |

### 1.12.4 删除APP分析流

action：deleteAppFlow.rest

输入参数为数组，返回为数组。其中返回值result.message是删除操作的执行说明。

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| id | int | √ | APP分析流ID |
| 返回参数 | 类型 | 可选 | 说明 |
| id | int | √ | 主键，自增 |
| name | varchar(255) | √ | APP分析流名称 |
| sn | char(36) | √ | 分析流GUID（用于导入导出） |
| workflow\_id | char(36) | √ | 对应的分析流ID |
| param\_setting | text |  | APP发布参数 |
| diagram | text | √ | 流程图 |
| oozie\_xml | text |  | 周期任务设置 |
| template | text |  | 布局模板 |
| create\_user | varchar(128) |  | 创建用户 |
| create\_time | datetime |  | 创建时间 |
| update\_user | varchar(128) |  | 最后修改用户 |
| update\_time | datetime |  | 最后修改时间 |

## 1.13 我的常用和收藏夹(即左侧手风琴)

输入参数数据结构：

{

action: REST命令名称,

参数1:’’,

参数2:’’

}

### 1.13.1 新增

action：saveCommonUseByParam.rest

输入参数为json字符串

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| type | string |  | 资源类型(1:常用子库,2:收藏夹(需要前端创建一个虚目录)) |
| relevanceType' | string |  | 1 算子 2 分析流 |
| name | string |  | 分析流名称或者算子名称,算子库名称 |
| userId | text |  | 用户ID |

### 1.13.2 删除

Action:’ deleteCommonUseByParam.rest’

输入参数为json字符串

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| type | string |  | 资源类型(1:常用子库,2:收藏夹(需要前端创建一个虚目录)) |
| relevanceType' | string |  | 1 算子 2 分析流 |
| name | string |  | 分析流名称或者算子名称,算子库名称 |
| userId | text |  | 用户ID |

### 1.13.3 查询

Antion: getUserCommonUseByParam.rest

输入参数为json字符串

"{'type':'1'}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| type | string |  | 参数说明: type 1分析库 2 个人收藏夹,如果是个人收藏夹则 relevanceType 关联资源 1 算子 2 分析流,关联的用户ID,关联的资源resourcesId |

### 1.13.4 编辑

Antion: updateCommonUseByParam.rest

输入参数为json字符串

"{'type':'1'}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| type | string |  | 参数说明: type 1分析库 2 个人收藏夹, 如果是个人收藏夹则 relevanceType 关联资源 1 算子 2 分析流,关联的用户ID,关联的资源resourcesId |

## 1.14 分析流导入导出

### 1.14.1 导出

批量导出分析流信息,并将分析流中所包含的算子一同导出.

Action: exportworkFlow.rest

输入参数为json字符串

"{id:'1,2,3'}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| id | string |  | 分析流id以”,”号拼接 |

### 1.14.2导入

导入分析流zip

Action: analysisWorkFlowExcel.rest

输入参数为json字符串

"{userId:'1111',……}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| userId | string |  | 用户ID |
| categoryId | string |  | 所选目录 |
| user | string |  | 用户名 |

### 1.14.3 检查是否有jar包冲突

Anction: checkJarsVersion.rest

输入参数为json字符串

"{id:'1,2,3',……}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| queryTime | string |  | 时间(算子导入时间) |
| id | string |  | 选择覆盖算子id(“,”拼接) |

### 1.14.4 覆盖算子

Anction: coverComponent.rest

输入参数为json字符串

"{id:'1,2,3',……}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| queryTime | string |  | 时间(算子导入时间) |
| userId | String |  | 用户id |
| time | String |  | 导入分析流zip文件解压时间 |
| id | string |  | 选择覆盖算子id(“,”拼接) |

### 1.14.5 覆盖分析流

Anction: coverWorkflow.rest

输入参数为json字符串

"{id:'1,2,3',……}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| queryTime | string |  | 时间(算子导入时间) |
| userId | String |  | 用户id |
| time | String |  | 导入分析流zip文件解压时间 |
| id | string |  | 选择覆盖的分析流id(“,”拼接) |

## 1.15算子库导入导出

### 1.15.1 导出

批量导出分析流信息,并将分析流中所包含的算子一同导出.

Action: downloadExcel.rest

输入参数为json字符串

"{id:'1,2,3'}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| id | string |  | 算子id以”,”号拼接 |

### 1.15.2 导入

导入算子库zip

Action: analysisExcel.rest

输入参数为json字符串

"{userId:'1111',……}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| userId | string |  | 用户ID |
| categoryId | string |  | 所选目录 |
| user | string |  | 用户名 |

### 1.15.3 检查是否有jar包冲突

Anction: checkJarsVersion.rest

输入参数为json字符串

"{id:'1,2,3',……}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| queryTime | string |  | 时间(算子导入时间) |
| id | string |  | 选择覆盖算子id(“,”拼接) |

### 1.15.4 覆盖算子

Anction: coverComponent.rest

输入参数为json字符串

"{id:'1,2,3',……}"

|  |  |  |  |
| --- | --- | --- | --- |
| 输入参数 | 类型 | 可选 | 说明 |
| queryTime | string |  | 时间(算子导入时间) |
| userId | String |  | 用户id |
| time | String |  | 导入分析流zip文件解压时间 |
| id | string |  | 选择覆盖算子id(“,”拼接) |

## 1.16文件目录管理（新版）

### 1.16.1文件目录列表

**请求接口**

POST | http://ip:8080/cmgr/queryDir.rest

请求参数

{"action":"queryDir.rest","id":"","dirName":"","parentId":"","destination":""}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 文件目录id | |
| destination | Yes | String | 服务器类型 | |
| dirName | Yes | String | 文件目录名称 | |
| parentId | Yes | String | 上级目录id | |
| action | No | String | 接口方法 | |

返回参数

{"data":{"list":[{"createTime":"2018-01-09 16:17:38.0","createUser":"root","destination":"web","dirName":"Web","id":"7cf9f1de94cd4b45a8d4a0039809c6c9","nameSpace":"","parentId":"0","updateTime":"2018-01-09 16:17:46.0","updateUser":"root"}]},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.16.2编辑文件目录

**请求接口**

POST | http://ip:8080/cmgr/saveDir.rest

请求参数

{"id":"","destination":"","dirname":"","parentId":"","action":"saveDir.rest","createUser":null,"updateUser":""}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 目录id | |
| destination | Yes | String | 服务器类型 | |
| dirName | Yes | String | 目录名次 | |
| createUser | Yes | String | 创建人 | |
| updateUser | Yes | String | 修改人 | |
| action | No | String | 接口方法 | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.16.3目录重命名

**请求接口**

POST | http://ip:8080/cmgr/renameDir.rest

请求参数

{"id":"","dirName":"","action":"renameDir.rest"}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| id | Yes | String | 目录id | |
| dirName | Yes | String | 目录名次 | |
| action | No | String | 接口方法 | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.16.4删除文件目录

**请求接口**

POST | http://ip:8080/cmgr/delDir.rest

请求参数

{id: "2184641"}

返回参数

{"data":{"count":"1"},"path":"","result":{"code":"2000","message":"","status":"OK"}}

## 1.17分析流锁

### 1.17.1获取分析流锁

**请求接口**

POST | http://ip:8080/cmgr/getWorkflowLock.rest

请求参数

{"action":"getWorkflowLock.rest","workflowId":"","userId":""}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| workflowId | Yes | String | 分析流id | |
| userId | Yes | String | 用户id | |
| action | No | String | 接口方法 | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

### 1.17.2分析流解锁

**请求接口**

POST | http://ip:8080/cmgr/workflowLock.rest

请求参数

{"action":"getWorkflowLock.rest","workflowId":"","userId":""}

参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **参数** | **必选** | **类型** | **说明** |  |
| workflowId | Yes | String | 分析流id | |
| userId | Yes | String | 用户id | |
| action | No | String | 接口方法 | |

返回参数

{"data":{},"path":"","result":{"code":"2000","message":"","status":"OK"}}

**请求接口**

POST | http://ip:8080/cmgr/delDir.rest

请求参数

{id: "2184641"}

返回参数

{"data":{"count":"1"},"path":"","result":{"code":"2000","message":"","status":"OK"}}