# GISP（二期——个人空间）接口文档

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# 工作表相关接口

## 查询工作表目录树：/api/table/list

功能描述：获取个人空间工作表的目录树结构，包括目录结构、排序、状态，支持关键词搜索

请求方法：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | keyword | string | 否 | 用来搜索表名或者文件夹的关键词，若无则返回所有 |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

{

"keyword": "警员信息"

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | root | array | 是 | 目录树的根目录 |  |
| 2 | type | int | 是 | 节点的类型 | 0：叶子节点，1：目录 |
| 3 | order | int | 是 | 目录内的顺序，从1开始 |  |
| 4 | parentID | string | 是 | 父节点的节点id，便于后续的移动等操作 |  |
| 5 | nodeID | string | 是 | 当前节点的节点id |  |
| 6 | nodeName | string | 是 | 当前节点的名字，目录名或工作表名 |  |
| 7 | children | array | 是 | 子节点列表 | 若当前节点为叶子节点，则为空 |
| 8 | isFavorite | boolean | 是 | 节点是否被收藏 | 便于在节点上右键时，可以提示收藏或者取消收藏 |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"root": [

{

"type": 0,

"order": 1,

"parentID": "",

"nodeID": "nd\_yyyyy" ,

"nodeName": "警员信息表",

"children": [],

"isFavorite": true

},

{

"type": 1,

"order": 2,

"parentID": "",

"nodeID": "nd\_yyyyy" ,

"nodeName": "车辆信息目录",

"children": [

{

"type": 0,

"order": 1,

"parentID": "nd\_yyyyy",

"nodeID": "nd\_zzzzzz" ,

"nodeName": "警车信息表",

"children": [],

"isFavorite": true

}

],

"isFavorite": true

}

]

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 删除目录、工作表：/api/table/delete

功能描述：删除个人空间的某个表或者某个目录，返回删除成功与否，以及对应的消息，需确保目录树和工作表的一致性

请求方法：delete

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | nodeID | string | 是 | 待删除的节点id |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

{

"nodeID": "nd\_xxx\_xxx"

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 创建文件夹：/api/table/createFolder

功能描述：在工作表目录树中添加一个文件夹

请求方式：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | parentID | string | 是 | 待插入目录的父节点ID | 根目录是为空 |
| 2 | nodeName | 目录名 | 是 | 创建的文件夹名称 |  |
| 3 |  |  |  |  |  |

请求示例：

 展开源码

{

"parentID": "nd\_xxx\_xxx",

"nodeName": "新插入的表"

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 工作表数据预览：/api/table/dataPreview

功能描述：查看当前选中工作表的数据样例

请求方法：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | tbID | string | 是 | 进行数据预览的表ID，即叶子节点的nodeID |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

{

"tbID": "tb\_xxxx",

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

 {

"errstr": "",

"result": {

"type": "FeatureCollection",

"features": [

{

"type": "Feature",

"id": "719024971",

"geometry": {

"type": "Point",

"coordinates": [

4.33333,

50.8333

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024971",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "UNITED KINGDOM",

"Actor2CountryCode": "GBR",

"EventCode": "040",

"NumMentions": 14,

"NumSources": 7,

"NumArticles": 14,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Brussels, Bruxelles-Capitale, Belgium",

"ActionGeo\_CountryCode": "BE",

"dtg": "2018-01-01T00:00:00.000Z"

}

},

{

"type": "Feature",

"id": "719024914",

"geometry": {

"type": "Point",

"coordinates": [

-2.33778,

51.5797

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024914",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "SYDNEY",

"Actor2CountryCode": "AUS",

"EventCode": "190",

"NumMentions": 20,

"NumSources": 2,

"NumArticles": 20,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Hawkesbury, South Gloucestershire, United Kingdom",

"ActionGeo\_CountryCode": "UK",

"dtg": "2018-01-01T00:00:00.000Z"

}

}

],

"totalFeatures": 0,

"numberMatched": 0,

"numberReturned": 2,

"timeStamp": "2019-08-14T11:39:26.967Z",

"crs": {

"type": "name",

"properties": {

"name": "urn:ogc:def:crs:EPSG::4326"

}

}

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 查看工作表关联授权：/api/table/relatedProject

功能描述：查看当前选中工作表的被使用情况，文件夹和项目

请求方法：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | tbID | string | 是 | 需要查询的工作表id，即叶子节点的nodeID |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

{

"tbID":"gis\_tb\_xx-xx-123"

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | list | array | 是 | 返回的关联授权列表 | 空数组表示没有返回结果 |
| 2 | projectName | string | 否 |  |  |
| 3 | projectID | string | 否 |  | pj\_xxxx，预留便于后续跳转及其他操作 |
| 4 | folderName | string | 否 |  |  |
| 5 | folderID | string | 否 |  | fd\_xxxx，预留便于后续跳转及其他操作 |

返回示例：

 展开源码

 {

"errstr":"",

"result":{

"list":[

{

"projectName":"xxx-xxx-xxxx",

"projectID":"pj\_xxx",

"folderName":"xxx-xxx-xxx",

"folderID":"fd\_xxx"

},

{

"projectName":"xxx-xxx-xxxx",

"projectID":"pj\_xxx",

"folderName":"xxx-xxx-xxx",

"folderID":"fd\_xxx"

}

]

},

"status":0,

"trcid":"xxx-xxx-xxx-xxx"

}

## 保存工作表高级设置：/api/table/saveAdvanceSetting

功能描述：

请求方法：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

## 查看工作表高级设置：/api/table/advanceSetting

功能描述：

请求方法：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

## 查看工作表详情：/api/table/info

功能描述：点击工作表时，右侧展示的关于当前表的信息，目前涉及的是使用状态，以及可能的表描述

请求方法：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | tbID | string | 是 |  |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

{

"tbID":"tb\_xx-xx-123"

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | hasRelatedProject | boolean | 是 | 是否有项目在使用当前表 | 当前可以复用关联授权接口，返回结果为空则为没有使用 |
| 2 | description | string | 否 | 表的描述信息 | 留待扩展 |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"hasRelatedProject": true,

"description": ""

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 查看dmc工作表列表：/api/table/listDmcTables

功能描述：导入数据表时，打开的待选择panel中，dmc表的树形结构

请求方法：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

## 新增（导入）工作表：/api/table/importTable

功能描述：新增工作表，若是导入表，则配置相应的高级配置（更新相关），需确保工作表、更新任务、geomesa表的一致性

请求方式：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | tbName | string | 是 | 新建的gis工作表名称 |  |
| 2 | parentID | string | 是 | 薪建表待加入到的父节点 |  |
| 3 | sourceTableID | string | 是 | 导入的dmc表id |  |
| 4 | sourceTableName | string | 是 | 导入的dmc表名称 |  |
| 5 | updateType | int | 是 | 数据的更新类型 | 0：自动更新，1：定时更新，2：暂停更新 |
| 6 | updateDateType | int | 是 | 数据更新的时间类型 | 0：相对时间，1：自定义时间 |
| 7 | period | int | 否 | 相对时间时，更新周期 | 0：每天，1：每周一等等 |
| 8 | startHour | int | 否 | 相对时间时，开始时间，小时 |  |
| 9 | startMin | int | 否 | 相对时间时，开始时间，分钟 |  |
| 10 | userDefineCrontab | string | 否 | 自定义时间时，用户自定义的crontab语法 |  |
| 11 | isDistinct | boolean | 是 | 数据是否去重 |  |
| 12 | isLngLat | boolean | 是 | 是经纬度，或者POI |  |
| 13 | locationColumnIndex | int | 否 | POI字段索引 |  |
| 14 | locationColumnName | string | 否 | POI字段名称 |  |
| 15 | lngColumnIndex | int | 否 | 经度字段索引 |  |
| 16 | lngColumnName | string | 否 | 经度字段名称 |  |
| 17 | latColumnIndex | int | 否 | 纬度字段索引 |  |
| 18 | latColumnName | string | 否 | 纬度字段名称 |  |
| 19 | coordinates | int | 否 | 源数据中的坐标系 | 0：wcs 84， 1：gcj02，2：bd09 |

请求示例：

 展开源码

{

"tbName": "导入的某个表",

"parentID": "nd\_xxxx",

"sourceTableID": "",

"sourceTableName": "",

"updateType": 0,

"updateDateType": 0,

"period": 0,

"startHour": 10,

"startMin": 50,

"userDefineCrontab": string,

"isDistinct": boolean,

"isLngLat": boolean,

"locationColumnIndex": 0,

"locationColumnName": "POI",

"lngColumnIndex": 1,

"lngColumnName": "经度",

"latColumnIndex": 2,

"latColumnName": "纬度",

"coordinates": 0

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 新增（上传）工作表：/api/table/uploadTable

功能描述：新增工作表，上传，需确保工作表、geomesa表的一致性

请求方式：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | tbName | string | 是 | 新建的gis工作表名称 |  |
| 2 | sourceFileName | string | 是 | 上传的文件名 |  |
| 3 | isDistinct | int | 是 | 数据是否去重 |  |
| 4 | isLngLat | int | 是 | 是经纬度，或者POI |  |
| 5 | locationColumnIndex | int | 否 | POI字段索引 |  |
| 6 | locationColumnName | string | 否 | POI字段名称 |  |
| 7 | lngColumnIndex | int | 否 | 经度字段名称 |  |
| 8 | lngColumnName | string | 否 | 经度字段名称 |  |
| 9 | latColumnIndex | int | 否 | 纬度字段索引 |  |
| 10 | latColumnName | string | 否 | 纬度字段名称 |  |
| 11 | coordinates | int | 否 | 源数据中的坐标系 | 0：wcs 84， 1：gcj02，2：bd09 |

请求示例：

 展开源码

 {

"tbName": "导入的某个表",

"parentID": "nd\_xxxx",

"sourceFileName": "上传表.csv",

"isDistinct": boolean,

"isLngLat": boolean,

"locationColumnIndex": 0,

"locationColumnName": "POI",

"lngColumnIndex": 1,

"lngColumnName": "经度",

"latColumnIndex": 2,

"latColumnName": "纬度",

"coordinates": 0

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 移动至|置顶工作表：/api/table/moveTo

功能描述：

请求方式：update

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | nodeID | string | 是 | 待移动的节点id |  |
| 2 | parentID | string | 是 | 移动到的父节点id | 置顶时为当前parentID |
| 3 | index | int | 是 | 待移动到的位置，位置索引从0开始 | 置顶时为0 |

请求示例：

 展开源码

{

"nodeID": "nd\_xxxxx",

"parentID": "nd\_pppppppp",

"index": 2

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

重命名：/api/table/rename

功能描述：

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | nodeID | string |  |  |  |
| 2 | newName | string |  |  |  |

请求示例：

 展开源码

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

## 收藏：/api/table/addFavorite

功能描述：

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

## 取消收藏：/api/table/cancelFavorite

功能描述：

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

工作表搜索建议：/api/table/searchSug

功能描述：

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

# 项目管理相关接口

## 新建文件夹：/api/project/createFolder

功能描述：

请求方式：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | parentID | string | 是 | 待新建的文件夹的父节点 | 是否是多层级，包含子目录？ |
| 2 | folderName | string | 是 | 待新建的文件夹名称 |  |
| 3 |  |  |  |  |  |

请求示例：

 展开源码

{

"folderName": "我的文件夹",

"parentID": "nd\_xxxxx"

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 新建项目：/api/project/createProject

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | projectName | string | 是 | 待新建的项目名称 |  |
| 2 | folderID | string | 是 | 新建项目所属的文件夹ID |  |
| 3 | type | int | 是 | 项目的应用类型 | 0：态势分析，1：对象分析 |
| 4 |  |  |  |  |  |

请求示例：

 展开源码

{

"projectName": "新建的项目",

"folderID": "fd\_xxxxx",

"type": 0

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 查看我的文件夹：/api/project/listFolder

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |

请求示例：

 展开源码

{

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | list | array | 是 |  |  |
| 2 | folderID | string | 否 |  |  |
| 3 | folderName | string | 否 |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"list": [

{

"folderID": "fd\_xxx",

"folderName": "我的第一个文件夹"

},

{

"folderID": "fd\_yyyy",

"folderName": "我的第二个文件夹"

}

]

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 查看我的（某个文件夹内|最近修改的）项目：/api/project/listProject

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | folderID | string | 否 | 可选的查询的文件夹ID |  |
| 2 | isLastest | boolean | 否 | 可选的是否按修改时间排序 |  |
| 3 | limit | int | 否 | 可选的限定返回项目个数 |  |

请求示例：

 展开源码

{

"folderID": "fd\_xxxxx",

"isLastest": true,

"limit": 2

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | list | array | 是 |  |  |
| 2 |  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"list": [

{

"projectID": "pj\_xxx",

"projectName": "我的第一个项目"

},

{

"projectID": "pj\_yyyy",

"projectName": "我的第二个项目"

}

]

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 添加工作表：/api/project/addTable

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | projectID | string | 是 | 待添加到的项目id |  |
| 2 | nodeID | string | 是 | 待添加的gis目录树节点id | 限定只能选择到叶子节点 |
|  |  |  |  |  |  |

请求示例：

 展开源码

{

"projectID": "pj\_xxxxx",

"nodeID": "nd\_xxxxxx",

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 查看图层配置：/api/project/listLayerConfig

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | layerID | string | 是 | 待查询的图层id |  |
| 2 |  |  |  |  |  |

请求示例：

 展开源码

{

"layerID": "ly\_xxxxx",

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | layerID | string | 是 |  |  |
| 2 | layerName | string | 是 |  |  |
| 3 | featureType | int | 是 | 图层的geometry数据类型 | 0：POINT，1：LINESTRING，2：POLYGON等等 |
| 4 | iconType | int | 是 | icon的类型 | 0：矢量，1：图标 |
| 5 | iconID | string | 是 | icon的ID |  |
| 6 | iconName | string | 是 | icon的文件名 |  |
| 7 | opacity | int | 是 | 图标透明度 | 整数值，相对于100 |
| 8 | color | string | 是 | 图标颜色 | rgb |
| 9 | tag | array | 是 |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"layerID": "ly\_xxxx",

"layerName": "我的第一个图层",

"featureType": 0,

"iconType": 0,

"iconID": "ic\_xxxxx",

"iconName": "小汽车.jpg",

"opacity": 70,

"color": "FFFFFF",

"tag": [ "", ""]

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 新建图层配置：/api/project/addLayerConfig

功能描述：

请求方式：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | projectID | string | 是 | 图层所属的项目ID |  |
| 2 | gisTabID | string | 是 | 图层来源数据的表ID |  |
| 3 | layerName | string | 是 | 图层的名称 |  |
| 4 | featureType | int | 是 | 图层的geometry数据类型 | 0：POINT，1：LINESTRING，2：POLYGON等等 |
| 5 | iconType | int | 是 | icon的类型 | 0：矢量，1：图标 |
| 6 | iconID | string | 是 | icon的ID |  |
| 7 | iconName | string | 是 | icon的文件名 |  |
| 8 | opacity | int | 是 | 图标透明度 | 整数值，相对于100 |
| 9 | color | string | 是 | 图标颜色 | rgb |
| 10 | tag | array | 是 |  |  |
| 11 |  |  |  |  |  |

请求示例：

 展开源码

{

"projectID": "pj\_xxxx\_xxx",

"tbID": "gis\_tb\_xxxxx",

"layerName": "我的第一个图层",

"featureType": 0,

"iconType": 0,

"iconID": "ic\_xxxxx",

"iconName": "小汽车.jpg",

"opacity": 70,

"color": "FFFFFF",

"tag": [ "", ""]

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 编辑图层配置：/api/project/editLayerConfig

功能描述：

请求方式：post

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | projectID | string | 是 | 图层所属的项目ID |  |
| 2 | gisTabID | string | 是 | 图层来源数据的表ID |  |
| 3 | layerName | string | 是 | 图层的名称 |  |
| 4 | featureType | int | 是 | 图层的geometry数据类型 | 0：POINT，1：LINESTRING，2：POLYGON等等 |
| 5 | iconType | int | 是 | icon的类型 | 0：矢量，1：图标 |
| 6 | iconID | string | 是 | icon的ID |  |
| 7 | iconName | string | 是 | icon的文件名 |  |
| 8 | opacity | int | 是 | 图标透明度 | 整数值，相对于100 |
| 9 | color | string | 是 | 图标颜色 | rgb |
| 10 | tag | array | 是 |  |  |
| 11 | layerID | string | 是 | 图层ID | ly\_xxxx |

请求示例：

 展开源码

{

"projectID": "pj\_xxxx\_xxx",

"tbID": "gis\_tb\_xxxxx",

"layerName": "我的第一个图层",

"featureType": 0,

"iconType": 0,

"iconID": "ic\_xxxxx",

"iconName": "小汽车.jpg",

"opacity": 70,

"color": "FFFFFF",

"tag": [ "", ""]

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 查看图层图标列表：/api/project/listIcon

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |

请求示例：

 展开源码

{

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | list | array | 是 |  |  |
| 2 | iconID | string |  |  |  |
| 3 | iconName | string |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"list": [

{

"iconID": "ic\_xxxx",

"iconName": "卡口.png"

},

{

"iconID": "ic\_yyyy",

"iconName": "小汽车.png"

}

]

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

# 态势分析数据相关接口

## 查看表的字段列表：/api/gisdata/listAttribute

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | tbID | string | 是 | 待列出字段的表ID |  |

请求示例：

 展开源码

{

"tbID": "gis\_tb\_xxx\_xxxx"

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | list | array | 是 | 所查表的字段数据 |  |
| 2 |  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"list": ["字段名1","字段名2","字段名3"]

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 关键字查询：/api/gisdata/queryKeyword

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | layerID | string | 是 | 待查询的图层ID |  |
| 2 | keyword | string | 是 | 搜索的关键词 |  |

请求示例：

 展开源码

{

"layerID": "ly\_xxxxx",

"keyword": "摄像头"

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"type": "FeatureCollection",

"features": [

{

"type": "Feature",

"id": "719024971",

"geometry": {

"type": "Point",

"coordinates": [

4.33333,

50.8333

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024971",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "UNITED KINGDOM",

"Actor2CountryCode": "GBR",

"EventCode": "040",

"NumMentions": 14,

"NumSources": 7,

"NumArticles": 14,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Brussels, Bruxelles-Capitale, Belgium",

"ActionGeo\_CountryCode": "BE",

"dtg": "2018-01-01T00:00:00.000Z"

}

},

{

"type": "Feature",

"id": "719024914",

"geometry": {

"type": "Point",

"coordinates": [

-2.33778,

51.5797

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024914",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "SYDNEY",

"Actor2CountryCode": "AUS",

"EventCode": "190",

"NumMentions": 20,

"NumSources": 2,

"NumArticles": 20,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Hawkesbury, South Gloucestershire, United Kingdom",

"ActionGeo\_CountryCode": "UK",

"dtg": "2018-01-01T00:00:00.000Z"

}

}

],

"totalFeatures": 0,

"numberMatched": 0,

"numberReturned": 2,

"timeStamp": "2019-08-14T11:39:26.967Z",

"crs": {

"type": "name",

"properties": {

"name": "urn:ogc:def:crs:EPSG::4326"

}

}

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 区域|自定义查询：/api/gisdata/areaQuery

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | layerID | string | 是 |  |  |
| 2 | geometry | json | 是 | geometry |  |
| 3 | type | string | 是 | wkt描述的点线面类型 |  |
| 4 | coordinates | array | 是 |  |  |

请求示例：

 展开源码

{

"layerID": "ly\_xxxxx",

"geometry": {

"type": "Polygon",

"coordinates": [

[ [100.0, 0.0], [101.0, 0.0], [101.0, 1.0], [100.0, 1.0], [100.0, 0.0] ]

]

}

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"type": "FeatureCollection",

"features": [

{

"type": "Feature",

"id": "719024971",

"geometry": {

"type": "Point",

"coordinates": [

4.33333,

50.8333

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024971",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "UNITED KINGDOM",

"Actor2CountryCode": "GBR",

"EventCode": "040",

"NumMentions": 14,

"NumSources": 7,

"NumArticles": 14,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Brussels, Bruxelles-Capitale, Belgium",

"ActionGeo\_CountryCode": "BE",

"dtg": "2018-01-01T00:00:00.000Z"

}

},

{

"type": "Feature",

"id": "719024914",

"geometry": {

"type": "Point",

"coordinates": [

-2.33778,

51.5797

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024914",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "SYDNEY",

"Actor2CountryCode": "AUS",

"EventCode": "190",

"NumMentions": 20,

"NumSources": 2,

"NumArticles": 20,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Hawkesbury, South Gloucestershire, United Kingdom",

"ActionGeo\_CountryCode": "UK",

"dtg": "2018-01-01T00:00:00.000Z"

}

}

],

"totalFeatures": 0,

"numberMatched": 0,

"numberReturned": 2,

"timeStamp": "2019-08-14T11:39:26.967Z",

"crs": {

"type": "name",

"properties": {

"name": "urn:ogc:def:crs:EPSG::4326"

}

}

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 空间查询：/api/gisdata/spaceQuery ？

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |

请求示例：

 展开源码

{

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"type": "FeatureCollection",

"features": [

{

"type": "Feature",

"id": "719024971",

"geometry": {

"type": "Point",

"coordinates": [

4.33333,

50.8333

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024971",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "UNITED KINGDOM",

"Actor2CountryCode": "GBR",

"EventCode": "040",

"NumMentions": 14,

"NumSources": 7,

"NumArticles": 14,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Brussels, Bruxelles-Capitale, Belgium",

"ActionGeo\_CountryCode": "BE",

"dtg": "2018-01-01T00:00:00.000Z"

}

},

{

"type": "Feature",

"id": "719024914",

"geometry": {

"type": "Point",

"coordinates": [

-2.33778,

51.5797

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024914",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "SYDNEY",

"Actor2CountryCode": "AUS",

"EventCode": "190",

"NumMentions": 20,

"NumSources": 2,

"NumArticles": 20,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Hawkesbury, South Gloucestershire, United Kingdom",

"ActionGeo\_CountryCode": "UK",

"dtg": "2018-01-01T00:00:00.000Z"

}

}

],

"totalFeatures": 0,

"numberMatched": 0,

"numberReturned": 2,

"timeStamp": "2019-08-14T11:39:26.967Z",

"crs": {

"type": "name",

"properties": {

"name": "urn:ogc:def:crs:EPSG::4326"

}

}

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 缓冲区查询：/api/gisdata/bufferQuery？

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 |  |  |  |  |  |

请求示例：

 展开源码

{

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"type": "FeatureCollection",

"features": [

{

"type": "Feature",

"id": "719024971",

"geometry": {

"type": "Point",

"coordinates": [

4.33333,

50.8333

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024971",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "UNITED KINGDOM",

"Actor2CountryCode": "GBR",

"EventCode": "040",

"NumMentions": 14,

"NumSources": 7,

"NumArticles": 14,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Brussels, Bruxelles-Capitale, Belgium",

"ActionGeo\_CountryCode": "BE",

"dtg": "2018-01-01T00:00:00.000Z"

}

},

{

"type": "Feature",

"id": "719024914",

"geometry": {

"type": "Point",

"coordinates": [

-2.33778,

51.5797

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024914",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "SYDNEY",

"Actor2CountryCode": "AUS",

"EventCode": "190",

"NumMentions": 20,

"NumSources": 2,

"NumArticles": 20,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Hawkesbury, South Gloucestershire, United Kingdom",

"ActionGeo\_CountryCode": "UK",

"dtg": "2018-01-01T00:00:00.000Z"

}

}

],

"totalFeatures": 0,

"numberMatched": 0,

"numberReturned": 2,

"timeStamp": "2019-08-14T11:39:26.967Z",

"crs": {

"type": "name",

"properties": {

"name": "urn:ogc:def:crs:EPSG::4326"

}

}

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 组合查询：/api/gisdata/mixedQuery ？

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | layerID | string |  |  |  |
| 2 | dtg | string |  |  |  |

请求示例：

 展开源码

{

}

返回参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"type": "FeatureCollection",

"features": [

{

"type": "Feature",

"id": "719024971",

"geometry": {

"type": "Point",

"coordinates": [

4.33333,

50.8333

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024971",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "UNITED KINGDOM",

"Actor2CountryCode": "GBR",

"EventCode": "040",

"NumMentions": 14,

"NumSources": 7,

"NumArticles": 14,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Brussels, Bruxelles-Capitale, Belgium",

"ActionGeo\_CountryCode": "BE",

"dtg": "2018-01-01T00:00:00.000Z"

}

},

{

"type": "Feature",

"id": "719024914",

"geometry": {

"type": "Point",

"coordinates": [

-2.33778,

51.5797

]

},

"geometry\_name": "geom",

"properties": {

"GLOBALEVENTID": "719024914",

"Actor1Name": "",

"Actor1CountryCode": "",

"Actor2Name": "SYDNEY",

"Actor2CountryCode": "AUS",

"EventCode": "190",

"NumMentions": 20,

"NumSources": 2,

"NumArticles": 20,

"ActionGeo\_Type": 4,

"ActionGeo\_FullName": "Hawkesbury, South Gloucestershire, United Kingdom",

"ActionGeo\_CountryCode": "UK",

"dtg": "2018-01-01T00:00:00.000Z"

}

}

],

"totalFeatures": 0,

"numberMatched": 0,

"numberReturned": 2,

"timeStamp": "2019-08-14T11:39:26.967Z",

"crs": {

"type": "name",

"properties": {

"name": "urn:ogc:def:crs:EPSG::4326"

}

}

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}

## 查看区域|自定义区域列表：/api/gisdata/listArea

功能描述：

请求方式：get

请求参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | layerID | string | 是 |  |  |
| 2 | isUserDefine | boolean | 是 |  |  |

请求示例：

 展开源码

{

"layerID": "ly\_xxxx"

}

返回参数：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **参数名** | **类型** | **是否必传** | **描述** | **备注** |
| 1 | list | array | 是 |  |  |
| 2 | areaID | string | 否 |  |  |
| 3 | areaName | string | 否 |  |  |
| 4 | geometry | json | 否 |  |  |
| 5 | type | string | 否 | geometry的类型 | Point、Polygon等 |
| 6 | coordinates | array | 否 |  |  |

返回示例：

 展开源码

{

"errstr": "",

"result": {

"list": [

{

"areaID": "a\_xxxx",

"areaName": "西城区"

"geometry": {

"type": "Polygon",

"coordinates": [

[ [100.0, 0.0], [101.0, 0.0], [101.0, 1.0], [100.0, 1.0], [100.0, 0.0] ]

]

}

},

{

"areaID": "a\_yyyy",

"areaName": "海淀区"

"geometry": {

"type": "Polygon",

"coordinates": [

[ [100.0, 0.0], [101.0, 0.0], [101.0, 1.0], [100.0, 1.0], [100.0, 0.0] ],

[ [100.2, 0.2], [100.8, 0.2], [100.8, 0.8], [100.2, 0.8], [100.2, 0.2] ]

]

}

}

]

},

"status": 0,

"trcid": "xxx-xxx-xxx-xxx"

}