# 变更说明

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| --- | --- | --- |
| 时间 | 说明 | 修改人 |
| 2018-03-13 | 接口初始定义 | 蒋婷 |

# 数据结构

## Web接口调用统一返回格式：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | | |
| 描述 | errcode | errmsg | Data | 示例 |
| 成功 | 0 | null | 数据 | {  errcode:0,  errmsg:null,  tipmsg:null,//提示消息  data:{“a”:”1”,”b”:”2”}  } |
| 失败 | 非0错误码 | 错误提示信息 | null | {  errcode:-1,  errmsg:”错误啦错误啦”,  data:null，  tipmsg：null  } |

# 接口设计

## 元数据管理

### 元数据管理首页

|  |  |
| --- | --- |
| method | GET |
| url | /metamanage/index |
| Specify | **header('Content-type: application/json');** |
| Param |  |
| response | 返回成功:  {  "data":{  "TABLETOTAL":54, //共54张表  "dbList" :[{  "id": "3",  "name": "riskdw",//库名  "descr": null,//描述  "tableCnt": null,//表数量  "dbAdmin": "riskdw\_admin",//Hive库管理员  "sasPermissionAdmin": "fdaf",//sas权限管理员  "creator": "admin",  "createTime": 1520352000000,//建库时间  "modifier": null,  "modifyTime": null//最近更新时间  }],//  "DBTOTAL":3//共3个库  },  “errcode”:0,  “errmsg”:null,  "tipmsg": null }  返回失败:  {  “errcode”:-1,  “errmsg”:”错误的提示消息”,//会有不同的错误提示消息  “data”:null,  "tipmsg": null  } |

### 无内容搜索

|  |  |
| --- | --- |
| method | GET |
| url | /metamanage/search/hiveList |
| Specify | **header('Content-type: application/json');** |
| Param |  |
| response | 返回成功:  {  "data":{  "TABLETOTAL":54, //共54张表  "dbList" :[{//库列表信息  "id": "3",  "name": "riskdw",//库名  "descr": null,//描述  "tableCnt": null,//表数量  "dbAdmin": "riskdw\_admin",//Hive库管理员  "sasPermissionAdmin": "fdaf",//sas权限管理员  "creator": "admin",  "createTime": 1520352000000,//建库时间  "modifier": null,  "modifyTime": null//最近更新时间  }],//  "DBTOTAL":3,//共3个库  "tableInfo":{//表详细信息  "id":"1",  "dbId":"1",  "tableName":"testTable",//表名  "tags":"测试,表",  "updateWay":"未知",  "tableCreateTime":1519833600000,//表创建时间  "tableUpdateTime":1519833600000,//表更新时间  "businessOwner":"dsf",//口径归属  "devOwner":"sdf",//开发归属  "dataOwner":"ere",//数据归属  "descr":"ersf",  "creator":"sese",  "createTime":1519833600000,  "modifier":"awdw",  "modifyTime":1519833600000  },  "tableList" :[{//所有表  "id":"1",  "dbId":"1",  "tableName":"testTable",  "tags":"测试表",  "updateWay":"未知",  "tableCreateTime":1519833600000,   "tableUpdateTime":1519833600000,   "businessOwner":"dsf",  "devOwner":"sdf",  "dataOwner":"ere",  "descr":"ersf",  "creator":"sese",  "createTime":1519833600000,   "modifier":"awdw",  "modifyTime":1519833600000  }],  "fieldList" :[{//字段列表信息  "id":"1",  "tableId":"1",  "fieldName":"dt",//字段名称  "isPrimarykey":"0",//是否主键  "fieldType":"文本",//字段类型  "statisticsCaliber":null,   "isSensitiveInfo":"0",//是否敏感信息  "isAllowNull":"1",//是否允许控制  "fieldCreateTime":1519833600000,//创建时间   "fieldUpdateTime":1519833600000,   "codeValueType":null,   "creator":null,   "createTime":null,   "modifier":null,   "modifyTime":null}  }]  },  "errcode":0,  "errmsg":null,  "tipmsg": null }  返回失败:  {  “errcode”:-1,  “errmsg”:”错误的提示消息”,//会有不同的错误提示消息  “data”:null,  "tipmsg": null  } |

### 有内容搜索

|  |  |
| --- | --- |
| method | GET |
| url | metamanage/search/keyword |
| Specify | **header('Content-type: application/json');** |
| Param | Keyword=“a” |
| response | 返回成功:  {  待定  }  返回失败:  {  “errcode”:-1,  “errmsg”:”错误的提示消息”,//会有不同的错误提示消息  “data”:null,  "tipmsg": null  } |

### 库搜索结果

|  |  |
| --- | --- |
| method | GET |
| url | metamanage/search/byHiveDb |
| Specify | **header('Content-type: application/json');** |
| Param | dbId=-‘1’ |
| response | 返回成功: {  "data":{  "dbInfo" :{  "id": "3",  "name": "riskdw",//库名  "descr": null,//描述  "tableCnt": null,//表数量  "dbAdmin": "riskdw\_admin",//Hive库管理员  "sasPermissionAdmin": "fdaf",//sas权限管理员  "creator": "admin",  "createTime": 1520352000000,//建库时间  "modifier": null,  "modifyTime": null//最近更新时间  },  "tableList" :[{//所有表  "id":"1",  "dbId":"1",  "tableName":"testTable",  "tags":"测试表",  "updateWay":"未知",  "tableCreateTime":1519833600000,   "tableUpdateTime":1519833600000,   "businessOwner":"dsf",  "devOwner":"sdf",  "dataOwner":"ere",  "descr":"ersf",  "creator":"sese",  "createTime":1519833600000,   "modifier":"awdw",  "modifyTime":1519833600000  }]  }, “errcode”:0,  “errmsg”:null,  "tipmsg": null }  返回失败:  {  “errcode”:-1,  “errmsg”:”错误的提示消息”,//会有不同的错误提示消息  “data”:null,  "tipmsg": null  } |

### 表搜索结果

|  |  |
| --- | --- |
| method | GET |
| url | metamanage/search/byHiveTable |
| Specify | **header('Content-type: application/json');** |
| Param | tableId=-‘1’ |
| response | 返回成功: {  "data":{  "tableInfo":{//表详细信息  "id":"1",  "dbId":"1",  "tableName":"testTable",//表名  "tags":"测试,表",  "updateWay":"未知",  "tableCreateTime":1519833600000,//表创建时间  "tableUpdateTime":1519833600000,//表更新时间  "businessOwner":"dsf",//口径归属  "devOwner":"sdf",//开发归属  "dataOwner":"ere",//数据归属  "descr":"ersf",  "creator":"sese",  "createTime":1519833600000,  "modifier":"awdw",  "modifyTime":1519833600000  },  "fieldList" :[{//字段列表信息  "id":"1",  "tableId":"1",  "fieldName":"dt",//字段名称  "isPrimarykey":"0",//是否主键  "fieldType":"文本",//字段类型  "statisticsCaliber":null,   "isSensitiveInfo":"0",//是否敏感信息  "isAllowNull":"1",//是否允许控制  "fieldCreateTime":1519833600000,//创建时间   "fieldUpdateTime":1519833600000,   "codeValueType":null,   "creator":null,   "createTime":null,   "modifier":null,   "modifyTime":null}  }]  }, “errcode”:0,  “errmsg”:null,  "tipmsg": null }  返回失败:  {  “errcode”:-1,  “errmsg”:”错误的提示消息”,//会有不同的错误提示消息  “data”:null,  "tipmsg": null  } |

### 字段搜索结果

|  |  |
| --- | --- |
| method | GET |
| url | metamanage/search/byHiveField |
| Specify | **header('Content-type: application/json');** |
| Param | fieldId=-‘1’ |
| response | 返回成功: {  "data":{  "tableInfo":{//表详细信息  "id":"1",  "dbId":"1",  "tableName":"testTable",//表名  "tags":"测试,表",  "updateWay":"未知",  "tableCreateTime":1519833600000,//表创建时间  "tableUpdateTime":1519833600000,//表更新时间  "businessOwner":"dsf",//口径归属  "devOwner":"sdf",//开发归属  "dataOwner":"ere",//数据归属  "descr":"ersf",  "creator":"sese",  "createTime":1519833600000,  "modifier":"awdw",  "modifyTime":1519833600000  },  "fieldList" :[{//字段列表信息  "id":"1",  "tableId":"1",  "fieldName":"dt",//字段名称  "isPrimarykey":"0",//是否主键  "fieldType":"文本",//字段类型  "statisticsCaliber":null,   "isSensitiveInfo":"0",//是否敏感信息  "isAllowNull":"1",//是否允许控制  "fieldCreateTime":1519833600000,//创建时间   "fieldUpdateTime":1519833600000,   "codeValueType":null,   "creator":null,   "createTime":null,   "modifier":null,   "modifyTime":null}  }]  }, “errcode”:0,  “errmsg”:null,  "tipmsg": null }  返回失败:  {  “errcode”:-1,  “errmsg”:”错误的提示消息”,//会有不同的错误提示消息  “data”:null  } |

### 字段详情

|  |  |
| --- | --- |
| method | GET |
| url | metamanage/search/fieldInfo |
| Specify | **header('Content-type: application/json');** |
| Param | fieldId=-‘1’ |
| response | 返回成功: {  "data":{  "fieldInfo" :{//字段列表信息  "id":"1",  "tableId":"1",  "fieldName":"dt",//字段名称  "isPrimarykey":"0",//是否主键  "fieldType":"文本",//字段类型  "statisticsCaliber":null,   "isSensitiveInfo":"0",//是否敏感信息  "isAllowNull":"1",//是否允许控制  "fieldCreateTime":1519833600000,//创建时间   "fieldUpdateTime":1519833600000,   "codeValueType":null,   "creator":null,   "createTime":null,   "modifier":null,   "modifyTime":null}  }  }, “errcode”:0,  “errmsg”:null,  "tipmsg": null }  返回失败:  {  “errcode”:-1,  “errmsg”:”错误的提示消息”,//会有不同的错误提示消息  “data”:null  } |

### 表变更历史

|  |  |
| --- | --- |
| method | GET |
| url | metamanage/search/tableHistory |
| Specify | **header('Content-type: application/json');** |
| Param | tableId=-‘1’ |
| response | 返回成功: {  "data":{[  {"CREATETIME":"2018-03-12","DESCR":"表字段修改"},  {"CREATETIME":"2018-03-09","DESCR":"异常"},  {"CREATETIME":"2018-03-05","DESCR":"修改表名"},  {"CREATETIME":"2018-03-05","DESCR":"创建服务现场"}  ]},  "errcode":0,  "errmsg":null,  "tipmsg": null }  返回失败:  {  "errcode":-1,  "errmsg":”错误的提示消息”,//会有不同的错误提示消息  "errmsg":null  } |