资产管理系统

资产库API

# 概述

## 编写目的

编写本接口协议的目的是给资产库调用者提供资产库数据API,方便调用者获取资产库数据。

## 适用范围

资产库数据获取。

# 接口说明

## 操作数据库工具DataBaseUtils

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **方法返回** | **方法摘要** | **说明** |
| void | setConfigData(Properties properties) | 设置数据库连接配置，properties格式查看jdbc.properties文件 |
| void | static initData() | 创建数据库表，没有就新建表返回，否则不操作返回 |
| void | static rebuildData() | 重建数据库表，清空所有表数据 |
| DataBaseService | static initService(String serviceName) | 获取对应接口实例，传入对应实例类名（参考数据说明），不存在的返回null； |

## 操作数据库DataBaseService

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **方法返回** | **方法摘要** | **说明** |
| int id | save(Map<String, Object> map) | 保存，返回自增ID，出错返回0； |
| int rows | updateById(Map<String, Object> map, int id) | 根据ID修改对应数据，空字段不操作，返回影响行数； |
| int rows | updateByIds(Map<String, Object> map, int[] ids) | 根据ID数组修改对应数据，空字段不操作，返回影响行数； |
| int rows | update (Map<String, Object> map, Map<String, Object> where) | 根据where条件修改对应数据，空字段不操作，返回影响行数； |
| int rows | deleteById(int id) | 根据ID删除对应数据 |
| int rows | deleteByIds(int[] ids) | 根据ID数组删除对应数据 |
| int rows | delete (Map<String, Object> map) | 根据条件删除对应数据 |
| Map<String, Object> | list(Map<String, Object> map) | 根据条件搜索 |
| Map<String, Object> | list(Map<String, Object> map, List< Map<String, Object>> orderSort) | 根据条件搜索+排序 |
| Map<String, Object> | list(Map<String, Object> map, int pageNo, int pageSize) | 根据条件分页搜索，模糊搜索字段key值前加like，返回总数据量及当页数据，否则不分页返回所有数据。 |
| Map<String, Object> | list(Map<String, Object> map, int pageNo, int pageSize, List< Map<String, Object>> orderSort) | 根据条件搜索，模糊搜索字段key值前加like，当传入key存在pageNo及pageSize时分页，返回总数据量及当页数据，否则不分页返回所有数据。 |

# 数据说明(对应传参key-value)

## 固定资产AssetBaseFixedServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| assetId | int |
| typeId | int |
| supplierId | int |
| number | String |
| name | String |
| case | int |
| financeCoding | String |
| unit | String |
| count | int |
| price | double |
| buyTime | int |
| picture | String |
| editNumber | String |
| canUse | int |
| version | String |
| producer | String |
| plantTime | int |
| plantNumber | String |
| ageLimit | int |

## 易耗品AssetBaseFlowServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| assetId | int |
| typeId | int |
| supplierId | int |
| number | String |
| name | String |
| case | int |
| financeCoding | String |
| unit | String |
| count | int |
| price | double |
| buyTime | int |
| picture | String |
| editNumber | String |
| canUse | int |
| specification | String |

## IT资产AssetBaseInteServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| assetId | int |
| typeId | int |
| supplierId | int |
| number | String |
| name | String |
| case | int |
| financeCoding | String |
| unit | String |
| count | int |
| price | double |
| buyTime | int |
| picture | String |
| editNumber | String |
| canUse | int |
| cpuInfo | String |
| cpuSn | String |
| memoryInfo | String |
| memorySn | String |
| hardDiskInfo | String |
| hardDiskSn | String |
| mainboardInfo | String |
| mainboardSn | String |
| ipAddr | String |
| mac | String |
| displayCardInfo | String |
| osDesc | String |
| ageLimit | int |

## 软件资产AssetBaseSoftServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| assetId | int |
| typeId | int |
| supplierId | int |
| number | String |
| name | String |
| case | int |
| financeCoding | String |
| unit | String |
| count | int |
| price | double |
| buyTime | int |
| picture | String |
| editNumber | String |
| canUse | int |
| authorizeTypeId | int |
| modeId | int |
| attrId | int |
| version | String |
| overdueTime | java.util.Date |
| manufacturer | String |
| manufacturerPhone | String |

## 资产类别AssetBaseTypeServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| typeId | int |
| typeName | String |
| typeMemo | String |
| typeCase | int |
| canUse | int |

## 资产供应商AssetBaseSupplierServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| supplierId | int |
| supplierName | String |
| supplierPhone | String |
| supplierAddress | String |
| supplierMemo | String |
| canUse | int |

## 软件授权类型AssetSoftAuthorizeTypeServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| authorizeTypeId | int |
| authorizeName | String |
| onlyOne | int |
| needCount | int |
| canUse | int |

## 软件授权类型AssetSoftModeServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| modeId | int |
| modeName | String |
| needAuthorize | int |
| canUse | int |

## 软件授权类型AssetSoftAttrServiceImpl

|  |  |
| --- | --- |
| **字段摘要** | **说明** |
| attrId | int |
| attrName | String |
| attrType | int |
| canUse | int |