POS数据同步接口

# 拉取数据

接口地址：<http://HOST/pos/pull>

## 参数说明

|  |  |  |  |
| --- | --- | --- | --- |
| **参数** | **类型** | **参数名称** | **备注** |
| sid | int | 账套ID |  |
| mod | string | 模块名称 | 通常为表名 |
| xls | string | 分部代码 |  |
| usercode | string | 操作员代码 |  |
| version | long | 起始版本号 |  |
| sign | string | 签名 | 参考签名算法 |

请求URL示例：

http://www.xc200.com/pos/pull?sid=1465&mod=good&xls=HSD&usercode=10001&version= 1503536512630&sign=ff0e03cd59794d47bd9ea545d29d5457

## 结果说明

|  |  |  |  |
| --- | --- | --- | --- |
| **参数** | **类型** | **参数名称** | **备注** |
| code | int | 响应代码 |  |
| msg | string | 响应消息 |  |
| datas | LIST<JSON> | 数据JSON记录集 | JSON具体字段说明请看请求模块对应的表结构 |

# 上传数据

接口地址：<http://HOST/pos/push>

## 参数说明

|  |  |  |  |
| --- | --- | --- | --- |
| **参数** | **类型** | **参数名称** | **备注** |
| sid | int | 账套ID |  |
| sign | string | 签名 | 参考签名算法 |
| mod | string | 模块名称 | 通常为表名 |
| xls | string | 分部代码 |  |
| usercode | string | 操作员代码 |  |
| data | LIST<JSON> | 数据JSON记录集 | JSON具体字段说明请看请求模块对应的表结构 |

请求URL示例：

http://www.xc200.com/pos/push?sid=1465&mod=good&xls=HSD&usercode=10001&sign=ff0e03cd59794d47bd9ea545d29d5457&data= %5B%7B%22goodkeys%22%3A%22%E5%8C%96%E5%A6%86%E5%93%81%22%2C%22xls%22%3A%22SJ005%22%2C%22xtableid%22%3A72%2C%22SID%22%3A1%2C%22xweight%22%3A0.0%2C%22xshow%22%3Afalse%2C%22goodtype3%22%3A%22%E4%BF%9D%E6%B9%BF%E8%A1%A5%E6%B0%B4%22%2C%22xchagjf%22%3A0.0%2C%22goodtype2%22%3A%22%E5%BF%85%E5%A4%87%E6%8A%A4%E8%82%A4%22%2C%22xlsname%22%3A%22%E5%B0%8F%E5%BA%97%E4%BA%94%22%2C%22goodunit%22%3A%22%E4%BB%B6%22%2C%22goodtype1%22%3A%22%E6%8A%A4%E8%82%A4%E5%BD%A9%E5%A6%86%22%2C%22xprico%22%3A1000.0%2C%22xversion%22%3A1.502182525484E12%2C%22goodname%22%3A%22%E5%80%A9%E7%A2%A7%E7%BB%8F%E5%85%B8%E8%8A%B1%E5%A6%8D%E7%BB%84%E5%90%88%22%2C%22xsendjf%22%3A0.0%2C%22goodcode%22%3A%22BS001%22%7D%2C%7B%22goodkeys%22%3A%22%E5%8C%96%E5%A6%86%E5%93%81%22%2C%22xls%22%3A%22SJ005%22%2C%22xtableid%22%3A73%2C%22SID%22%3A2%2C%22xweight%22%3A0.0%2C%22xshow%22%3Afalse%2C%22goodtype3%22%3A%22%E4%BF%9D%E6%B9%BF%E8%A1%A5%E6%B0%B4%22%2C%22xchagjf%22%3A0.0%2C%22goodtype2%22%3A%22%E5%BF%85%E5%A4%87%E6%8A%A4%E8%82%A4%22%2C%22xlsname%22%3A%22%E5%B0%8F%E5%BA%97%E4%BA%94%22%2C%22goodunit%22%3A%22%E6%94%AF%22%2C%22goodtype1%22%3A%22%E6%8A%A4%E8%82%A4%E5%BD%A9%E5%A6%86%22%2C%22xprico%22%3A1599.0%2C%22xversion%22%3A1.502182525484E12%2C%22goodname%22%3A%22%E9%9B%85%E8%AF%97%E5%85%B0%E9%BB%9B+%28Estee+Lauder%29%E9%B2%9C%E6%B4%BB%E4%BA%AE%E9%87%87%E5%9B%9B%E4%BB%B6%E5%A5%97%22%2C%22xsendjf%22%3A0.0%2C%22xbarcode%22%3A%22%22%2C%22goodcode%22%3A%22BS002%22%7D%5D

## 结果说明

|  |  |  |  |
| --- | --- | --- | --- |
| **参数** | **类型** | **参数名称** | **备注** |
| code | int | 响应代码 |  |
| msg | string | 响应消息 |  |
| datas | LIST<JSON> | 数据JSON记录集 | 当数据为新增里有此参数 |
| ID | int | 客户端ID |  |
| SID | int | 服务端ID |  |
| clntcode | string | 会员代码 | 当mod == clnt 时有效 |
| bbs | LIST<JSON> | 表体数据 | 当mod == poshh时有效 |
| ID | int | 客户端ID |  |
| SID | int | 服务端ID |  |

# 签名算法

按照asc排序键值对参数名排序，拼接键值对字符串，需要把api key放到要签名的键值对最后。

例如sign=MD5(aaaa=aaaa&bbbb=bbbb&cccc=cccc&dddd=dddd&key=api密钥)  
用32位MD5加密，生成的MD5小写