## 登录接口

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/login?data= | | | |
| **请求类型:POST** | | | | |
| 参数名 | 参数值 | | 参数说明 | |
| username |  | | 用户名 | |
| password |  | | 密码 | |
| mobileLogin |  | | 是否手机登录0否，1是 | |
| method |  | | 方法名：/login | |
| timestamp |  | | 时间戳 long型 | |
| sign |  | | 签名 | |
| **返回值：json** | | | | |
| 参数 | | 参数说明 | | 值说明 |
| flag | | 返回码 | | error：失败 success：成功 |
| msg | | 返回信息 | |  |
| userId | | 用户id | | 失败无此参数 |
| officeId | | 机构id | | 失败无此参数 |
| companycode | | 商户代码 | | 失败无此参数 |
| companyName | | 商户名称 | | 失败无此参数 |
| ktypeid | | 默认仓库id | | 失败无此参数 |
| memberPropertyList | | 会员属性列表 | | 失败无此参数  "id":属性id,  "enName":属性英文名（附加属性为null）,  "name":属性名,  "valueType": 属性类型（1文本型；2int型；3double型；4日期型；5日期时间型）,  "columnName":数据库字段名（附加属性为null）,  "showOrder":显示顺序（从1开始）,  "fieldName":实体的属性名（附加属性为null）,  "required":是否必填（1是0否）,  "type":属性类型（1基本属性，2附加属性） |
| comShroffAccountlist | | 用户所在机构的收款方式 | | 失败无此参数  id: id主键  shroffMethod：收款名称  shroffType： 收款方式(字典维护)  shroffAccount：收款账号 |
| users | | 该用户所在门店的所有店员 | | id：店员id  name:用户名称 |
| **返回示例：**  {"users":[{"id":"3579042e50484a92bce59e8e537e10ea","name":"姓名"},{"id":"85275e4645c14a71960fb2d7887fc0bf","name":"手机号"}],"officeId":"4a104d06e4bc457a9bb770244e0ca656","flag":"success","comShroffAccountlist":[{"id":"ce0553a179d642d9a1c8df9885a88fd7","shroffMethod":"","shroffAccount":"1863522158","shroffType":"2"},{"id":"9fc61538d498498cb99c28878ccf2282","shroffMethod":"支付宝","shroffAccount":"13521885650","shroffType":"3"}],"memberPropertyList":[{"id":"3579042e50484a92bce59e8e537e10ea","enName":"NAME","name":"姓名","columnName":"NAME","showOrder":1,"fieldName":"name","required":"1","type":"1"},{"id":"85275e4645c14a71960fb2d7887fc0bf","enName":"MOBILE","name":"手机号","columnName":"MOBILE","showOrder":2,"fieldName":"mobile","required":"1","type":"1"}],"userId":"7836b440393643448d4dae6e771117e2","ktypeid":"527d4110be35459098bfb4a7ebfff5de","msg":"","companycode":"1002"}{"flag":"error","msg":"msg:密码错误."} | | | | |

## 查询商品接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/basics/product/product/list?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| ktypeid |  | 仓库id（必填） | |
| searchKey |  | 查询关键字（选填）；可通过名称、助记码、商品首字母、条形码、串号查询 | |
| categoryId |  | 分类id（选填） | |
| pageNo |  | 页码（必填，查询所有商品传0） | |
| pageSize |  | 分页大小（必填，查询所有商品传0） | |
| method |  | 方法名：/basics/product/product/list | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| result | 返回的数据 | | 失败无此参数  "id":商品id,  "productUnit":{商品单单位  "id":单单位id,  "name":单单位名称,  },  "retailPrice":零售价,  "name":商品名称,  "barCode":商品条形码,  "imeiManage":是否管理串号（1是0否）,  "memberPrice":会员价（可能为空）  "priceType":价格类型（1为定价，0为议价）  "productPhotoList":[{商品图片列表  "id":图片id,  "remarks":备注,  "name":图片名称,  "url":图片下载地址,  "photoType":图片类型（mime类型如：image/png）,  "order":图片顺序（0开始）}  ]  "productMultipleUnit":{商品多单位  "id":多单位id,  "productSubUnitList":[{副单位列表  "id":副单位id,  "name":副单位名称,  "count":与主单位换算关系,  "mainUnitFlag":是否为主单位（1是0否）,  "productUnitPrice":{  "price":副单位价格  }  },  "batchManage":是否管理批次（1是0否）,  "unitType":单位类型（1多单位；0单单位） |
| **返回示例：**  {"result":[{"id":"2521ef7018e449ba930c9785c965f579","productUnit":{"id":"d3a3b27c5b2a492fa9a9e686a958c652","name":"个"},"name":"现做手指棒","barCode":"0018197390518331920","imeiManage":"0","retailPrice":128.00,"priceType":"1","productPhotoList":[{"id":"f68bc6512717497cb2e00a05e9daaa70","remarks":"","name":"1.png","url":"http://p59d91xvw.bkt.clouddn.com/2018/07/05/a8e1c04fab5b4cd3a9b9fce26fabf99c.png","photoType":"image/png","order":"0"},{"id":"e89c33d221e449119fb3bad82931a814","remarks":"","name":"5e2f20ea5f3cc9ca1129d07ac25ff18a.mp4","url":"http://p59d91xvw.bkt.clouddn.com/2018/07/05/a6a4c1887a6443028cff688cd8056af0.mp4","photoType":"video/mp4","order":"1"}],"batchManage":"1","unitType":"0"},{"id":"5fe2ed27307e4ccea898b60172ebdb05","productUnit":{"id":"d3a3b27c5b2a492fa9a9e686a958c652","name":"个"},"name":"8","barCode":"8","imeiManage":"0","retailPrice":8.00,"priceType":"0","productMultipleUnit":{"id":"e6e28e80b536449393e072d407e82670","productSubUnitList":[{"id":"8e883aedeb0043f48d5559ef47907936","name":"新","count":1.0,"mainUnitFlag":"1","productUnitPrice":{"price":8.0}},{"id":"879deda9a66940c4beeaff75d7bd1a68","name":"新2","count":4.0,"mainUnitFlag":"0","productUnitPrice":{"price":8.0}},{"id":"8ee47f634a074b3aaa214cbafeda3952","name":"新1","count":4.0,"mainUnitFlag":"0","productUnitPrice":{"price":8.0}}]},"batchManage":"0","unitType":"1"},{"id":"76f67ebbb27647b1ab18403fac98a0b1","productUnit":{"id":"e1e68d0ddf2348e7aa7fcfcb925c7acc","name":"斤"},"name":"纯棉被芯","barCode":"1133","imeiManage":"0","retailPrice":69.00,"priceType":"0"},{"id":"b15f631642914380a0ff25503dcc9039","productUnit":{"id":"e1e68d0ddf2348e7aa7fcfcb925c7acc","name":"斤"},"name":"琥珀核桃 400g","barCode":"1122","imeiManage":"0","retailPrice":24.50,"priceType":"0"},{"id":"e07c29e1b7c14795a197fd4da075cbfd","productUnit":{"id":"e1e68d0ddf2348e7aa7fcfcb925c7acc","name":"斤"},"name":"苹果 iPhoneX 128G 宝石黑","barCode":"112233","imeiManage":"1","retailPrice":9380.00,"priceType":"1"},{"id":"ec69ef6239f94339a95b6032f7ee3e19","productUnit":{"id":"d3a3b27c5b2a492fa9a9e686a958c652","name":"个"},"name":"小米5","barCode":"xe3452542","imeiManage":"1","retailPrice":1.00,"memberPrice":1.00,"priceType":"0"}],"flag":"success","msg":""} | | | |

## 会员注册接口

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/member/member/save?data= | | | |
| **请求类型:POST** | | | | |
| 参数名 | 参数值 | | 参数说明 | |
| companycode |  | | 商户代码（必填） | |
| userId |  | | 当前登录用户id | |
| attachedProperties | Json | | 会员属性数组（数组每个值的形式是：属性id值和属性值，以逗号分开，例如：attachedProperties[0] = "80d7,nh"） | |
| method |  | | 方法名：/member/member/save | |
| timestamp |  | | 时间戳long型 | |
| sign |  | | 签名 | |
| **返回值：json** | | | | |
| 参数 | | 参数说明 | | 值说明 |
| flag | | 返回码 | | error：失败 success：成功 |
| msg | | 返回信息 | |  |
| memberId | | 会员id | |  |
| **返回示例：**  {"flag":"success","msg":"msg:会员注册成功.", "memberId":"1545djhfjadsf258558"} | | | | |
|  | | | | |

## 查询会员注册资料接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/member/member/getMemberByMobile?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| mobile |  | 电话号码（必填） | |
| method |  | 方法名：member/member/getMemberByMobile | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| restult | 返回的数据 | | 失败无此参数 |
| restultSize | 返回的数据条数 | | 失败无此参数 |
| **返回示例：**  {"restultSize":2,"flag":"success","restult":[{"id":"e55c51c458e04d98a18d9e65c8d7b168","isNewRecord":false,"companycode":"001","name":"565","mobile":"18330278857","memberNo":"18330278857"},{"id":"6c425c709e6d4f8fa7a6de1965e8d296","isNewRecord":false,"companycode":"001","name":"bai","mobile":"18330278857","memberNo":"18330278857"}],"msg":""} | | | |

## 保存订单接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/ retail/retailOrder/saveOrde?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| orderFlag |  | 订单来源（1是pc端门店 2是手机端门店） | |
| productNum |  | 订单的商品总数（必填） | |
| billDate |  | 制单时间（Date）（必填） | |
| productAmount |  | 商品总价（必填） | |
| member |  | 会员id（非必填Map，  参数：  Id：会员id） | |
| remarks |  | 备注（非必填） | |
| preparedBy |  | 用户信息（Map，  参数：  id：用户id（必填）） | |
| warehouseInfo |  | 仓库信息（Map，  参数：  id：仓库id（必填）） | |
| retailOrderInfoList |  | 订单商品信息（List<Map>,  参数：  id:（必填，传空值）），  productId:商品id（必填），  productName:商品名称（必填），productAmount:商品总价（必填），productNum:商品数量（必填），  productPrice:商品价格（必填），productMemberPrice:商品会员价（非必填），  productSellingPrice:商品销售价（必填），  imeiManage: 是否管理串1是0否（必填），  imei:商品串号（若imeiManage为1则必填；反之不必填，若存在多个串号，则用逗号分隔），  barCode:商品条形码（必填），  activityFlag:是否是活动标识（必填，0是1否）,  batchManage: 是否管理批次（1是,0否）,  productUnit: 单位id  ） | |
| retailDiscountsInfoList |  | 优惠券/定金（List<Map>，  参数：  id：（必填，传空值）），  discountsId:（若优惠券，则值为优惠券券码；若定金，则值为定金id），  discountsName:优惠名称（若有优惠券，则名称为“优惠券”，若有定金，则名称为“定金”），  discountsAmount:优惠价格（优惠券的抵扣金额/定金的金额），  discountsType:优惠类型（若为优惠券，则为“2”，若为定金，则为“1”）） | |
| tradeAssistant |  | 营业员信息（Map，  参数：  id：营业员id） | |
| method |  | 方法名：/retail/retailOrder/saveOrde | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
|  | | | |
| **返回值参数：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| vchcode | 订单号 | | 失败无此参数 |
| companycode | 商户代码 | | 失败无此参数 |
| createDate | 订单创建时间 | | 失败无此参数 |
| retailOrderInfoList | 订房集合 | | 失败无此参数  productName:商品名称，  activityFlag：是否是活动 活动flag 0是 1否 ，  productAmount:商品总价，  productNum:商品数量，  productPrice:商品价格 |
| retailDiscountsInfoList | 优惠券/预付金集合 | | 失败无此参数  id：id，  discountsId:（若优惠券，则值为优惠券券码；若定金，则值为定金id），  discountsName:优惠名称（若有优惠券，则名称为“优惠券”，若有定金，则名称为“定金”），  discountsAmount:优惠价格（优惠券的抵扣金额/定金的金额），  discountsType:优惠类型（若为优惠券，则为“2”，若为定金，则为“1”） |
| productAmount | 订单商品总价 | | 失败无此参数  若价格小于0，则默认为0 |
| productNum | 订单商品总数量 | | 失败无此参数 |
| otherAmount | 其他优惠金额（优惠券+定金） | | 失败无此参数 |
| discountsAmount | 总优惠金额（活动优惠） | | 失败无此参数 |
| payableAmount | 应付金额 | | 失败无此参数  若价格小于0，则默认为0 |
| proceedsAmount | 实收金额 | | 失败无此参数  若价格小于0，则默认为0 |
| result | 返回的数据 | | 失败无此参数 |
|  |  | |  |
| **返回示例：**  {"result":{"payableAmount":-227.0, "discountsAmount":-5782.0, "companycode":"1002","retailOrderInfoList":[{"activityFlag":"","productSellingPrice":"5555","productNum":"1","productPrice":"5555","productName":"测试测试测试","productAmount":"5555"}],"productNum":1, "vchcode":"SO1002-201712190069","createDate":"2017-12-19 20:29:19","productAmount":5555.0, "otherAmount":-5.0},"flag":"success","msg":""} | | | |

## 订单支付接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/ retail/retailOrder/payOrder?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| vchcode |  | 销售单号（必填） | |
| proceedsAmount |  | 实收金额 | |
| combinationOfProceeds |  | 组合收款的种类（必填） | |
| retailPays |  | 收款方式集合（  List<Map<String,Object>>；  payMoney：每个支付方式支付的金额；  shroffMethod：每个支付方式支付的名称(pos支付、支付宝扫码支付)；  shroffType：每个支付方式支付的支付类型(6、7);  changeMoney：找零（现金支付时）  ） | |
| terminalNo |  | 设备终端号（必填） | |
| traceNo |  | 退款凭证号（必填） | |
| orderNo |  | 第三方商户订单号（不必填） | |
| serialNumber |  | 流水号（不必填，同transNo） | |
| auth\_code |  | 付款码 扫枪支付时需要用到的付款码 | |
| method |  | 方法名：/retail/retailOrder/payOrder | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
|  | | | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| vchcode | 订单号 | |  |
| qrCode | 当时 支付宝或者微信支付（二维码）时，返回的支付二维码 | | 失败无此参数 |
| result | 返回的数据 | | 失败无此参数 |
| **返回示例：**  {"result":{},"flag":"success","msg":""} | | | |

## 查询会员属性

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/member/memberProperty/getProperties?data= | | | |
| **请求类型:POST** | | | | |
| 参数名 | 参数值 | | 参数说明 | |
| companycode |  | | 商户代码 | |
| method |  | | 方法名：/member/memberProperty/getProperties | |
| timestamp |  | | 时间戳 long型 | |
| sign |  | | 签名 | |
| **返回值：json** | | | | |
| 参数 | | 参数说明 | | 值说明 |
| flag | | 返回码 | | error：失败 success：成功 |
| msg | | 返回信息 | |  |
| Id | | 属性id | |  |
| enName | | 属性英文名 | | 附属属性值为空 |
| name | | 属性中文名 | |  |
| valueType | | 属性类型 | | 属性类型（1文本型；2int型；3double型；4日期型；5日期时间型） |
| columnName | | 属性字段名 | | 附属属性值为空 |
| fieldName | | 属性对应的java实体属性名 | | 附属属性值为空 |
| required | | 是否必填 | | 1是0否 |
| type | | 属性类型 | | 1基本属性2附属属性 |
| **返回示例：**  {"result":[{"id":"5adc53db481a48838a3888301a60dede","enName":"NAME","name":"姓名","columnName":"NAME","valueType":"1","fieldName":"name","required":"1","type":"1"},{"id":"a7cd46df3f174ade96fcac31063968fd","enName":"MOBILE","name":"手机号","columnName":"MOBILE","valueType":"1","fieldName":"mobile","required":"1","type":"1"},{"id":"66df928d61d24a76af8e19e3592d422b","enName":"DIY\_TEXT\_PROPERTY1","name":"文本","columnName":"DIY\_TEXT\_PROPERTY1","valueType":"1","fieldName":"diyTextProperty1","required":"1","type":"1"},{"id":"3d4abc15bb3543cea611ab73b78e54c8","enName":"DIY\_INT\_PROPERTY1","name":"整形","columnName":"DIY\_INT\_PROPERTY1","valueType":"2","fieldName":"diyIntProperty1","required":"0","type":"1"},{"id":"69ab35e00814472db8463e32803dce3f","enName":"DIY\_DOUBLE\_PROPERTY1","name":"小数","columnName":"DIY\_DOUBLE\_PROPERTY1","valueType":"3","fieldName":"diyDoubleProperty1","required":"0","type":"1"},{"id":"684b5745898d4b49b2321e64b17f4fa2","enName":"DIY\_DATE\_PROPERTY1","name":"日期","columnName":"DIY\_DATE\_PROPERTY1","valueType":"4","fieldName":"diyDateProperty1","required":"1","type":"1"},{"id":"c4970d19ef3f46fbb5c470b230a8ccaf","enName":"DIY\_DATE\_TIME\_PROPERTY1","name":"日期时间","columnName":"DIY\_DATE\_TIME\_PROPERTY1","valueType":"5","fieldName":"diyDateTimeProperty1","required":"0","type":"1"},{"id":"5714eeb0f2bd41cdb8bb64ecc16e8bcf","enName":"","name":"邮箱","columnName":"","valueType":"1","fieldName":"","required":"0","type":"2"},{"id":"80d7fdacef7e447a856c69196d8c32bb","enName":"","name":"生日","columnName":"","valueType":"1","fieldName":"","required":"1","type":"2"}],"flag":"success","msg":""} | | | | |

## 查询订单详情

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/retail/retailOrder/findOrderInfo?data= | | | |
| **请求类型:POST** | | | | |
| 参数名 | 参数值 | | 参数说明 | |
| companycode |  | | 商户代码（必填） | |
| vchcode |  | | 销售单号（必填） | |
| method |  | | 方法名：/ retail/retailOrder/findOrderInfo | |
| timestamp |  | | 时间戳 long型 | |
| sign |  | | 签名 | |
| **返回值参数：json** | | | | |
| 参数 | | 参数说明 | | 值说明 |
| flag | | 返回码 | | error：失败 success：成功 |
| msg | | 返回信息 | |  |
| vchcode | | 订单号 | | 失败无此参数 |
| companycode | | 商户代码 | | 失败无此参数 |
| createDate | | 订单创建时间 | | 失败无此参数 |
| retailOrderInfoList | | 订房集合 | | 失败无此参数  productName:商品名称，  activityFlag：是否是活动 活动flag 0是 1否 ，  productAmount:商品总价，  productNum:商品数量，  productPrice:商品价格 |
| retailDiscountsInfoList | | 优惠券/预付金集合 | | 失败无此参数  id：id，  discountsId:（若优惠券，则值为优惠券券码；若定金，则值为定金id），  discountsName:优惠名称（若有优惠券，则名称为“优惠券”，若有定金，则名称为“定金”），  discountsAmount:优惠价格（优惠券的抵扣金额/定金的金额），  discountsType:优惠类型（若为优惠券，则为“2”，若为定金，则为“1”） |
| productAmount | | 订单商品总价 | | 失败无此参数  若价格小于0，则默认为0 |
| productNum | | 订单商品总数量 | | 失败无此参数 |
| otherAmount | | 其他优惠金额（优惠券+定金） | | 失败无此参数 |
| discountsAmount | | 总优惠金额（活动优惠） | | 失败无此参数 |
| payableAmount | | 应付金额 | | 失败无此参数  若价格小于0，则默认为0 |
| proceedsAmount | | 实收金额 | | 失败无此参数  若价格小于0，则默认为0 |
| tradeAssistant | | 营业员信息 | | （Map，  参数：  id：营业员id） |
| orderStatue | | 订单状态 | | 失败无此参数 |
| remarks | | 订单备注 | | 失败无此参数 |
| member | | 会员信息 | | Map: id：会员id  Name：会员姓名  Mobile：会员电话 |
| retailPays | | 支付信息 | | List<Map>：  terminalNo：设备终端号  traceNo：退款凭证号  orderNo：第三方商户订单号  transNo：流水号 |
| result | | 返回的参数 | | 失败无此参数（返回的参数说明参照保存订单和支付订单接口） |
| **返回示例：**  {"result":{"payableAmount":99.0, "proceedsAmount":98.0,"discountsAmount":-1.0, "vchcode":"SO974267-201712290029","companycode":"974267","otherAmount":-1.0, "retailPays":[{"terminalNo":"1111222","traceNo":"3242423","orderNo":"1324340","transNo":"111111111"}],"retailOrderInfoList":[{"activityFlag":"1","productSellingPrice":"10.000","productNum":"10","productPrice":"10.000","productName":"指甲油","productAmount":100.0}],"retailDiscountsInfoList":[{"id":"acf1408a8d37449087f4562cc2c8749d","discountsName":"","discountsAmount":"1.000","discountsId":"20171229evsahd7k","discountsType":"2"}],"productNum":10.0,"createDate":"2017-12-29 17:56:14","productAmount":100.0},"flag":"success","msg":""} | | | | |

## 查询订单列表

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/retail/retailOrder/list?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| userId |  | 用户id（必填） | |
| status |  | 订单状态 | |
| pageNo |  | 页码（必填） | |
| pageSize |  | 分页大小（必填） | |
| billType |  | 单据类型 | |
| vchcode |  | 单据号 | |
| beginBillDate |  | 制单时间（开始） yyyy-MM-dd HH:mm:ss | |
| endBillDate |  | 制单时间（结束）yyyy-MM-dd HH:mm:ss | |
| method |  | 方法名：/retail/retailOrder/list | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| result | 返回的数据 | | 失败无此参数  "id":订单id,  "status":订单状态,  "billDate":制单时间,  "vchcode":单据号 |
| **返回示例：**  {"result":"[{"id":"038d4ffc33ee491f8451367c68b27bcb","status":"16","billDate":"2017-12-29 18:38:38","vchcode":"SO974267-201712290043"},{"id":"f690572e6724425c9fea696325ff542d","status":"16","billDate":"2017-12-29 18:34:40","vchcode":"SO974267-201712290042"},{"id":"819f03f86c25442c8955ef8225be27aa","status":"16","billDate":"2017-12-29 18:28:16","vchcode":"SO974267-201712290039"},{"id":"fb24f0d0ad5d4150bb4bc7d98d0648a1","status":"16","billDate":"2017-12-29 14:16:52","vchcode":"SO974267-201712290016"},{"id":"85af99a155ef4edb8796968824c892b2","status":"16","billDate":"2017-12-29 14:05:24","vchcode":"SO974267-201712290014"},{"id":"7ec5e644de184f848432cefd3dc333de","status":"16","billDate":"2017-12-29 10:30:15","vchcode":"SO974267-201712290010"},{"id":"406d7a3a41a5413f8d7e5ec81d3c4129","status":"16","billDate":"2017-12-29 10:27:14","vchcode":"SO974267-201712290006"},{"id":"b6ad27c70b044cf2abb2fe05724da5aa","status":"16","billDate":"2017-12-28 20:55:38","vchcode":"SO974267-201712280034"},{"id":"0afe54e4e3fc4b218f48d1a16e0270c1","status":"16","billDate":"2017-12-28 20:49:37","vchcode":"SO974267-201712280033"},{"id":"3c6e19dd20634fc2ab719d59569caac6","status":"16","billDate":"2017-12-28 17:18:28","vchcode":"SO974267-201712280013"}]","flag":"success","msg":""} | | | |

## 查询商品批次号接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/basics/product/product/ selectBatchNo?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| ktypeid |  | 仓库id（必填） | |
| productid |  | 商品id | |
| method |  | 方法名：/basics/product/product/selectBatchNo | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| result | 返回的数据 | | 失败无此参数 |
| **返回示例：**  {"result":[{"id":"80e0c20a604c4298a7528ceb67e882cb","batchNo":"1","productid":"c8f528a56b9340a897b2a3c14fa136cf","ktypeid":"584b3f643db4481e9e87664ad4887723"}],"flag":"success","msg":""} | | | |

## 订单退货接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/retail/retailOrder/salesReturn?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| userid |  | 用户id（必填） | |
| vchcode |  | 单据号（必填） | |
| returnAmount |  | 退款金额 （必填） | |
| method |  | 方法名：/retail/retailOrder/salesReturn | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| result | 返回的数据 | | 失败无此参数 |
| **返回示例：**  {"flag":"success","msg":""} | | | |

## 查询app更新信息接口

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/getAppUpdateInfo?data= | | | |
| **请求类型:POST** | | | | |
| 参数名 | 参数值 | | 参数说明 | |
| appName |  | | App名  参数值：  posApp（pos）  checkstand（收银台） | |
| version |  | | 是否手机登录0否，1是 | |
| method |  | | 方法名：/ getAppUpdateInfo | |
| timestamp |  | | 时间戳 long型 | |
| sign |  | | 签名 | |
| **返回值：json** | | | | |
| 参数 | | 参数说明 | | 值说明 |
| flag | | 返回码 | | error：失败 success：成功 |
| msg | | 返回信息 | |  |
| result | | 返回的数据 | | 失败无此参数  "newVersion":新版本  "url":apk下载url  "isMust":是否必须更新（1是0否）  "isUpdate":是否更新（1是0否） |
| **返回示例：**  {"result":{"newVersion":"5","url":"http://192.168.4.37:8080/dxt\_file\_up/static/apk/1.apk","isMust":"0","isUpdate":"1"},"flag":"success","msg":""} | | | | |

## 查询订单状态接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/ retail/retailOrder/selectOrderStatus?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| vchcode |  | 销售单号（必填） | |
| method |  | 方法名：/retail/retailOrder/selectOrderStatus | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
|  | | | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| vchcode |  | | 订单号 |
| companycode |  | | 商户代码 |
| status |  | | 订单状态 |
| result | 返回的数据 | | 失败无此参数 |
| **返回示例：**  {"result":{"vchcode":"SO974270-201805210003","companycode":"974270","status":"18"},"flag":"success","msg":""} | | | |

## 查询所有分类接口

|  |  |  |  |
| --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/basics/product/product/findAllCategory?data= | | |
| **请求类型:POST** | | | |
| 参数名 | 参数值 | 参数说明 | |
| companycode |  | 商户代码（必填） | |
| ktypeid |  | 仓库id（必填） | |
| method |  | 方法名：/basics/product/product/findAllCategory | |
| timestamp |  | 时间戳long型 | |
| sign |  | 签名 | |
| **返回值：json** | | | |
| 参数 | 参数说明 | | 值说明 |
| flag | 返回码 | | error：失败 success：成功 |
| msg | 返回信息 | |  |
| result | 返回的数据 | | "id":分类id,  "name":分类名称,  "subList":子列表  [{  "id":子分类id,  "name":子分类名称  }] |
| **返回示例：**  {"result":[{"id":"277529c724934c6289f32bba5f1680e0","name":"类别2","subList":[{"id":"c0263273bd594cf6bcfca0cef7164bbd","name":"类别2.2"},{"id":"ce09626c8c4a4bf083f9d3dc07fc68b8","name":"类别2.1"}]},{"id":"76153b0410d944e28547e6c7fafe8eba","name":"类别1","subList":[{"id":"10c5262bb4a74b90bd00d254c213536c","name":"类别1.2"},{"id":"63dd285550cb41dfbb9e543510131550","name":"类别1.1"}]},{"id":"d212484e50414b7b85d1f987b3bffeb9","name":"管理批次产品分类"},{"id":"e38740aa44374ba08af613318317c43e","name":"管理串号分类"}],"flag":"success","msg":""} | | | |

## 营业员接口

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/sys/user/getUsers?data= | | | |
| **请求类型:POST** | | | | |
| 参数名 | 参数值 | | 参数说明 | |
| companycode |  | | 商户代码（必填） | |
| userId |  | | 当前登录用户id（必填） | |
| method |  | | 方法名：sys/user/getUsers | |
| timestamp |  | | 时间戳long型 | |
| sign |  | | 签名 | |
| **返回值：json** | | | | |
| 参数 | | 参数说明 | | 值说明 |
| flag | | 返回码 | | error：失败 success：成功 |
| msg | | 返回信息 | |  |
| resultList | | 返回的数据 | | 失败无此参数 |
| **返回示例：**  {"flag":"success","resultList":[{"officeId":"07470f7386614bc3af1b32106d6acf63","officeName":"冥王星","userId":"a36b6ee437b311e8884c005056a82e70","userName":"s"}],"msg":"成功"} | | | | |
|  | | | | |

## 结账总计接口

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **接口地址：** | http://123.196.123.106/svc-xls/a/retail/retailOrder/findHjAmount?data= | | | |
| **请求类型:POST** | | | | |
| 参数名 | 参数值 | | 参数说明 | |
| companycode |  | | 商户代码（必填） | |
| userId |  | | 当前登录用户id（必填） | |
| officeId |  | | 当前登录用户的机构id（必填） | |
| method |  | | 方法名：/retail/retailOrder/findHjAmount | |
| timestamp |  | | 时间戳long型 | |
| sign |  | | 签名 | |
| **返回值：json** | | | | |
| 参数 | | 参数说明 | | 值说明 |
| flag | | 返回码 | | error：失败 success：成功 |
| msg | | 返回信息 | |  |
| result | | 返回的数据 | | 失败无此参数 |
| **返回示例：**  {"flag":"success","restult":{"sumDiscountsAmount":-1.200,"sumEndpayAmount":6.8000,"payInfo":["现金：6.38","微信当面付：0.00","up+微信：1.01","up+支付宝：0.41","支付宝二维码支付：0.00","微信二维码支付：0.00","支付宝当面付：0.00"],"userName":"AA","settlementTime":1528450092401},"msg":"成功"} | | | | |
|  | | | | |

## 订单用到的状态：

12：已取消

16：待支付

18：支付完成

19：已退货

20：已评论

22：支付失败

## 订单标识：

1：pc端门店

2：pos下单

3：收银机下单

4：rfid下单

## 支付类型：

1：现金

2：微信（up+）

3：支付宝（up+）

4：支票

5：银行卡

6：手持pos支付

7：支付宝二维码支付

8：微信二维码支付

9：支付宝当面付

10：微信当面付

20：预售券

**签名方法**

**public** **static** String returnSign(Map<String, Object> myMap,String key) {

StringBuffer str = **new** StringBuffer();

List<String> ls = **new** ArrayList<String>();

Iterator<String> it = myMap.keySet().iterator();

//String signstr = null;

**while** (it.hasNext()) {

ls.add(it.next());

}

Collections.*sort*(ls);

**for** (**int** i = 0; i < ls.size(); i++) {

//空value不参与签名

**if** (!"sign".equals(ls.get(i)) && !"sign\_type".equals(ls.get(i)) && myMap.get(ls.get(i)) != **null**

&& !"".equals(myMap.get(ls.get(i))) ) {

**try** {

str.append(ls.get(i) + "=" +URLDecoder.*decode*( myMap.get(ls.get(i)).toString(),"UTF-8") + "&");

} **catch** (UnsupportedEncodingException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

}

/\*if(str.length()>0){

signstr =str.substring(0,str.length()-1).toString();

}\*/

str.append(key);

**return** *encrypt*(str.toString(), "md5");

}

**签名秘钥**

**public static final String *SIGN\_KEY*="KBmTWW0nvtC298rJ";**

# 样例

Map<String, Object> us=**new** HashMap<String, Object>();

us.put("username", "cs"); //用户名

us.put("password", "12345");//密码

us.put("mobileLogin", "1");//是否手机登录0否，1是

us.put("method", "/login");//调用方法

String sign=HttpClientUtil.*returnSign*(us, ConstantsUtil.***SIGN\_KEY***);

us.put("sign", sign);

**try** {

System.***out***.println(JsonMapper.*toJsonString*(us));

String url="http://123.196.123.106/svc-xls/a/login?data="+URLEncoder.*encode*(JsonMapper.*toJsonString*(us),"UTF-8");

String s=HttpClientUtil.*post*(url, **null**);

System.***out***.println("ffff="+s);

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}