**接口文档基本介绍**

**v1.7**

# 接口说明

## 说明

此接口文档为接口说明文档

接口详细分模块展示，具体接口应编写到具体模块中

## 传入参数格式要求

传入参数是json格式字符串

## 返回参数格式要求

返回参数是json格式字符串

## 注意事项

如有未确定出入参，暂以红色字体标识

## 示例

接口名称：XXX接口

请求地址：<http://ip:port/项目名/webservice/接口名称?wsdl>

(请求地址具体参数上线后需修改，项目名未定义可不写，如：

http://localhost:8080/ws/webservice/test?wsdl)

说明：接口的简介说明

方法名：接口对应的方法名称

输入参数：XXXXX

返回参数：XXXXX

# 接口详细说明

## HTMS排货接口说明：

## 排货接口

## 2.1排货成功的接口

请求地址：http://192.168.0.85:8080/services/HtmsServerServices?wsdl

说明：新增排货申请单对外接口 tms写入到闭环 新增时默认申请单状态码为 1申请中

方法名：**public** String agreeArrangeGoods(String shipInfo)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 参数类型 | 必填 | 备注 |
| code | 身份验证编码 | String | Y |  |
| account | 身份验证帐号 | String | Y |  |
| passwd | 身份验证密码 | String | Y |  |
| shipId | 发货单ID | String | Y |  |
| userId | 闭环当前登录用户ID | String | Y |  |
| shipDetailId | 发货单明细ID | String[] | Y |  |
| applyTonNum | 发货单具体发货数量 | String[] | Y |  |

传入参数为json字符串，传入参数说明:

传入参数示例：

{"code":"arrangegoods","account":"test","passwd":"test","shipId":"320","userId":"1","shipDetailId":["1","2"],"applyTonNum":["11","22"]}

返回参数为json类型的字符串，包含返回的结果和操作信息

说明如下：

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名称 | 参数描述 | 必填 | 备注 |
| result | 返回结果 | Y | 操作成功，赋值为true，操作失败，赋值为false |
| message | 返回结果详情 | Y | 对应操作成功或者操作失败的具体信息 |

操作成功返回示例：

{ "result": "true","message": "操作成功"}

操作失败返回示例：

{ "result": "false", "message": "身份验证失败"}

## 2.2排货失败的接口：

请求地址：<http://192.168.0.85:8080/services/HtmsServerServices?wsdl>

说明：新增排货申请单对外接口 tms写入到闭环 新增时默认申请单状态码为 1申请中

方法名：**public** String rejectArrangeGoods(String shipInfo)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 参数类型 | 必填 | 备注 |
| code | 身份验证编码 | String | Y |  |
| account | 身份验证帐号 | String | Y |  |
| passwd | 身份验证密码 | String | Y |  |
| type | 操作类型 | Int | Y | 0表示拒绝  1表示撤销 |
| shipId | 发货单ID | String | Y |  |
| userId | 闭环当前登录用户ID | String | Y |  |

传入参数说明:

传入参数示例：

{"code":"arrangegoods","account":"test","passwd":"test","type":1,"shipId":"320","userId":"1"}

返回参数为json类型的字符串，包含返回的结果和操作信息

说明如下：

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名称 | 参数描述 | 必填 | 备注 |
| result | 返回结果 | Y | 操作成功，赋值为true，操作失败，赋值为false |
| message | 返回结果详情 | Y | 对应操作成功或者操作失败的具体信息 |

操作成功返回示例：

{ "result": "true","message": "操作成功"}

操作失败返回示例：

{ "result": "false", "message": "身份验证失败"}

或者

{ "result": "false", "message": "shipId为空"}

## 物流信息接口

请求地址：<http://192.168.0.85:8080/services/HtmsServerServices?wsdl>

说明：获取订单物流信息

方法名：**public** String getShipInfo(String shipStatusInfo)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 参数类型 | 必填 | 备注 |
| code | 身份验证编码 | String | Y |  |
| account | 身份验证帐号 | String | Y |  |
| passwd | 身份验证密码 | String | Y |  |
| orderNo | 订单编号 | String | Y |  |
| userId | 闭环当前登录用户ID | String | Y |  |

传入参数说明:

传入参数示例：

{"code":"arrangegoods","account":"test","passwd":"test","orderNo":"000320","userId":"1"}

返回参数为json类型的字符串，包含返回的结果和操作信息

说明如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 参数类型 | 必填 | 备注 |
| result | 返回结果 | String | Y | 操作成功，赋值为true，操作失败，赋值为false |
| message | 返回结果详情 | String | Y | 对应操作成功或者操作失败的详情 |
| shipBean | 发货申请单信息 | Array | N | 查询为空，则此值返回为空 |
| shipDetailBean | 发货申请详情 | Array | N | 查询为空，则此值返回为空 |

ShipBean对应的规则如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 类型 | 必填 | 备注 |
| applyId | 发货申请主键 | String | Y |  |
| orderNo | 订单编号 | String | Y |  |
| createTime | 创建时间 | String | Y |  |
| remark | 备注 | String | N |  |
| applyTonNum | 发货吨数 | String | Y |  |
| applyPackNum | 发货包数 | String | Y |  |
| status | 状态 | String | N |  |
| statusDesc | 状态描述 | String | N |  |

shipDetailBean对应的规则如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 类型 | 必填 | 备注 |
| applyDetailId | 发货申请详情主键 | String | Y |  |
| applyId | 发货申请主键 | String | Y |  |
| applyTonNum | 发货吨数 | String | Y |  |
| applyPackNum | 发货包数 | String | N |  |
| createTime | 创建时间 | String | Y |  |
| factoryName | 工厂名称 | String | Y |  |
| productName | 产品名称 | String | Y |  |
| materialCode | 物料编号 | String | Y |  |
| remark | 仓库备注 | String | N |  |

返回示例：

{"result":"true","message":"操作成功","shipBean":[{"applyId":"75533","orderNo":"0010000521","createTime":"2018-01-04 08:18:57","remark":"1","applyTonNum":"1"},{"applyId":"75534","orderNo":"0010000521","createTime":"2018-01-09 14:48:05","remark":"1","applyTonNum":"1","applyPackNum":"1"},{"applyId":"75535","orderNo":"0010000521","createTime":"2018-01-09 14:48:26","remark":"1","applyTonNum":"1","applyPackNum":"1"},{"applyId":"75537","orderNo":"0010000521","createTime":"2018-01-09 16:06:55","remark":"1","applyTonNum":"1","applyPackNum":"1"},{"applyId":"75555","orderNo":"0010000521","createTime":"2018-01-10 10:48:31","remark":"物流备注","applyTonNum":"2","applyPackNum":"2"},{"applyId":"75554","orderNo":"0010000521","createTime":"2018-01-10 10:34:26","remark":"物流备注1","applyTonNum":"3","applyPackNum":"3"},{"applyId":"75536","orderNo":"0010000521","createTime":"2018-01-09 16:04:37","remark":"1","applyTonNum":"1","applyPackNum":"1"},{"applyId":"75538","orderNo":"0010000521","createTime":"2018-01-09 16:11:16","remark":"1","applyTonNum":"1","applyPackNum":"1"},{"applyId":"75539","orderNo":"0010000521","createTime":"2018-01-09 16:12:32","remark":"1","applyTonNum":"1","applyPackNum":"1"},{"applyId":"75540","orderNo":"0010000521","createTime":"2018-01-09 16:25:20","remark":"1","applyTonNum":"1","applyPackNum":"1"},{"applyId":"75557","orderNo":"0010000521","createTime":"2018-01-10 10:59:28","remark":"2","applyTonNum":"2"},{"applyId":"75559","orderNo":"0010000521","createTime":"2018-01-10 11:22:11","remark":"1","applyTonNum":"3"}],"shipDetailBean":[{"applyId":"75533","applyDetailId":"72123","applyTonNum":"1","createTime":"2018-01-04 08:18:40","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75534","applyDetailId":"72124","applyTonNum":"1","applyPackNum":"1","createTime":"2018-01-09 14:42:24","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75535","applyDetailId":"72125","applyTonNum":"1","applyPackNum":"1","createTime":"2018-01-09 14:48:21","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75536","applyDetailId":"72126","applyTonNum":"1","applyPackNum":"1","createTime":"2018-01-09 16:04:19","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75537","applyDetailId":"72127","applyTonNum":"1","applyPackNum":"1","createTime":"2018-01-09 16:06:40","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75538","applyDetailId":"72128","applyTonNum":"1","applyPackNum":"1","createTime":"2018-01-09 16:11:09","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75539","applyDetailId":"72129","applyTonNum":"1","applyPackNum":"1","createTime":"2018-01-09 16:12:16","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75540","applyDetailId":"72130","applyTonNum":"1","applyPackNum":"1","createTime":"2018-01-09 16:25:15","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75554","applyDetailId":"72145","applyTonNum":"3","applyPackNum":"3","createTime":"2018-01-10 10:34:00","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":"仓库备注"},{"applyId":"75555","applyDetailId":"72146","applyTonNum":"2","applyPackNum":"2","createTime":"2018-01-10 10:48:14","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75557","applyDetailId":"72148","applyTonNum":"1","createTime":"2018-01-10 10:59:03","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""},{"applyId":"75559","applyDetailId":"72150","applyTonNum":"1","createTime":"2018-01-10 11:21:24","factoryName":"石化","productName":"DTY","materialCode":"000000001000116415","remark":""}]}

## 预估运费接口

请求地址：<http://192.168.0.85:8080/services/HtmsServerServices?wsdl>

说明：查询申请单的预估运费

方法名：**public** String getEstimateShipFreight(String estimateShipInfor)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 参数类型 | 必填 | 备注 |
| code | 身份验证编码 | String | Y |  |
| account | 身份验证帐号 | String | Y |  |
| passwd | 身份验证密码 | String | Y |  |
| shipId | 发货单ID | String | Y |  |
| userId | 闭环当前登录用户ID | String | Y |  |
| shipDetailId | 发货单明细ID | String[] | Y |  |
| applyTonNum | 发货单具体发货数量 | String[] | Y |  |

传入参数说明:

传入参数示例：

{"code":"arrangegoods","account":"test","passwd":"test","shipId":"320","userId":"1","shipDetailId":["1","2"],"applyTonNum":["11","22"]}

返回参数为json类型的字符串，包含返回的结果和操作信息

说明如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 类型 | 必填 | 备注 |
| result | 返回结果 | String | Y | 操作成功，赋值为true，操作失败，赋值为false |
| message | 返回结果详情 | String | Y | 对应操作成功或者操作失败的信息 |
| freight | 运费信息 | Array | N | 如果运费计算错误，此值为空 |

freight对应的规则如下

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 类型 | 必填 | 备注 |
| freightTime | 运费生成时间 | String | Y |  |
| freightType | 运费类型 | String | Y | 1：正常计费  2：特殊客户运价  3：指定运价  4：承运商运价  5：客户自备车自提运价 |
| freightStyle |  |  |  | 指定运价为空，其他运费类型为6，6代表按重量计算 |
| freightModel |  |  |  | 单价、一口价 |
| applyId | 发货申请id | String | Y |  |
| applyDetailId | 发后申请详情id | String | Y |  |
| applyTonNum | 申请吨数 | String | Y |  |
| freightAmount | 细项运费 | String |  | 重量比例乘以总体运费得到的结果 |
| totalFreight | 总体运费 | String | Y | 整个订单计算出的运费 |

返回示例：

{"result":"true","message":"获取运费成功","freight":[{"freightTime":"2018-01-11 09:11:52","freightType":"1","freightStyle":"6","freightModel":"一口价","applyId":"75559","applyDetailId":"72150","applyTonNum":"100","areaId":"12639","customerId":"2","freightAmount":"330.00","totalFreight":"330"}]}

## 获取客户地址接口

请求地址：<http://192.168.0.85:8080/services/HtmsServerServices?wsdl>

说明：查询客户收货地址

方法名：**public** String getCustomerAddress(String customerInfo)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 参数类型 | 必填 | 备注 |
| code | 身份验证编码 | String | Y |  |
| account | 身份验证帐号 | String | Y |  |
| passwd | 身份验证密码 | String | Y |  |
| customerSapNo | 客户sap编号 | String | Y |  |
| userId | 闭环当前登录用户ID | String | Y |  |

传入参数说明:

传入参数示例：

{"code":"arrangegoods","account":"test","passwd":"test","customerSapNo":"0001330","userId":"1"}

返回参数为json类型的字符串，包含返回的结果和操作信息

说明如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 |  | 必填 | 备注 |
| result | 返回结果 | String | Y | 操作成功，赋值为true，操作失败，赋值为false |
| message | 返回的结果详情 | String | Y | 对应操作成功或者操作失败的信息 |
| addressInfo | 返回的地址信息 | Array | N | 地址为空，不返回此值 |

addressInfo对应的规则如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 类型 | 必填 | 备注 |
| addressId | 地址主键 | String | Y |  |
| customerCode | 客户编码 | String | Y |  |
| address | 详细地址信息 | String | Y |  |
| areaCode | 地址编码 | String | N |  |
| contactor | 送货联系人 | String | Y |  |
| telephone | 联系人电话 | String | Y |  |

返回示例：

{"result":"true","message":"获取地址成功","addressInfo":[{"addressId":3,"customerCode":"0000300029","address":"浙江省嘉兴市南湖区建设街道66号公路","areaCode":"330402007","contactor":"六六","telephone":"19235623326"},{"addressId":18,"customerCode":"0000300029","address":"北京市市辖区东城区东华门街道iuuiuiui","areaCode":"110101001","contactor":"朝华","telephone":"15323232323"},{"addressId":15,"customerCode":"0000300029","address":"北京市市辖区东城区东华门街道123123123","areaCode":"110101001","contactor":"联系人","telephone":"13223232323"}]}

## 微商城物流跟踪接口

请求地址：<http://192.168.0.85:8080/services/HtmsServerServices?wsdl>

说明：查询客户收货地址

方法名：**public** String getTransferTraceInfor (String orderInfo)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 参数类型 | 必填 | 备注 |
| code | 身份验证编码 | String | Y |  |
| account | 身份验证帐号 | String | Y |  |
| passwd | 身份验证密码 | String | Y |  |
| orderCode | 订单编号 | String | Y |  |
| sapCode | 调拨单编号 | String | Y |  |

传入参数说明:

传入参数示例：

{"code":"test","account":"test","passwd":"test","orderCode":"0010000545","sapCode":""}

返回参数为json类型的字符串，包含返回的结果和操作信息

说明如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 |  | 必填 | 备注 |
| result | 返回结果 | String | Y | 操作成功，赋值为true，操作失败，赋值为false |
| message | 返回的结果详情 | String | Y | 对应操作成功或者操作失败的信息 |
| transferInfo | 返回的调拨单信息 | Array | N | 如果调拨单信息为空，此值为空 |

transferInfo对应的规则如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名称 | 参数描述 | 类型 | 必填 | 备注 |
| sapCode | SAP调拨单号 | String | Y |  |
| approveTime | 内勤审批时间 | String | Y |  |
| shipCreateTime | 发货申请创建时间 | String | Y |  |
| customerCode | 客户编码 | String | N |  |
| customerName | 客户名称 | String | Y |  |
| factoryName | 工厂名称 | String | Y |  |
| productName | 产品名称 | String | Y |  |
| applyTotalTonNum | 申请吨数 | String | Y |  |
| applyTotalPackNum | 申请包数 | String | Y |  |
| address | 发货地址 | String | Y |  |
| tranferCreateTime | 物流分配时间 | String | Y |  |
| transportStatus | 签收状态 | String | Y |  |
| transportStatusDesc | 签收状态 | String | Y |  |
| parkStatus | 园区物流状态 | String | N | 没有此值为未配送 |
| parkBindingTime | 园区物流进园区时间 | String | N |  |
| parkExitTime | 园区物流出园区时间 | String | N |  |
| parkStatusDesc | 园区物流状态描述 | String | N |  |
| province | 省 | String | N | 没有此值为没有配送地址 |
| city | 市 | String | N |  |
| district | 区 | String | N |  |
| sendDesc | 园区物流配送地址描述 | String | N |  |
| vehicleNo | 车牌号 | String | N |  |
| orderCode | sap订单号 | String | Y |  |
| longitude | 经度 | String | N |  |
| latitude | 纬度 | String | N |  |

返回示例：

{"result":true,"message":"操作成功","transferInfo":[{"sapCode":"0080001943","approveTime":"2018-02-02 11:00:52","shipCreateTime":"2018-02-02 11:00:48","customerCode":"0000300024","customerName":"江阴捷悦化工贸易有限公司","factoryName":"石化","productName":"POY","applyTotalTonNum":120,"applyTotalPackNum":0,"address":"清波街道上城区杭州市浙江省街道1231","tranferCreateTime":"2018-02-02 11:00:59","transportStatus":"2","transportStatusDesc":"未签收","city":"杭州市","district":"江干区","province":"浙江省","sendDesc":"更新时间:2018-02-06 11:16:48"}]}