商户平台接入API文档

接口规范说明书

**2018年11月**

修订历史记录

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| --- | --- | --- | --- |
| **日期** | **版本** | **说明** | **作者** |
| 2018-11 | <1.0> | 接口规范说明书初始版本 | 格雷软件 |
| 2018-12 | <1.1> | 协商修订版 | 格雷软件、徐工环境 |
| 2018-12 | <1.2> | 修改4.9补货接口链接参数 | 格雷软件 |
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# 引言

## 范围

本文档定义了商户接入接口规范和标准，旨在给第三方实现接口开发提供参考。

# 基本参数

HTTPS应用地址：<https://zfsh.kfqzfjljfl.cn/services/index.php>

# 全局返回码说明

|  |  |
| --- | --- |
| 返回码 | 代码描述 |
| 101 | 票据过期 |
| 102 | 令牌无效 |

# 接口清单

|  |  |  |
| --- | --- | --- |
| 序号 | 接口名称 | 接口描述 |
| 1 | ticket | 获取访问票据 |
| 2 | cardinfo | 获取积分卡信息 |
| 3 | authcard | 鉴权积分卡 |
| 4 | product | 获取商品清单 |
| 5 | feedback | 无料反馈 |
| 6 | submit | 提交扣款 |
| 7 | advert | 获取广告资源 |
| 8 | login | 员工登录 |
| 9 | replen | 补货 |

## 获取请求票据

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | |
| https://应用地址?action=ticket&appid=应用ID&secret=应用秘钥 | | | | | |
| **参数说明** | | | | | |
| **参数名** | | **中文描述** | | **类型** | **约束** |
| appid | | 应用ID | | String | 必填 |
| secret | | 应用秘钥 | | String | 必填 |
| **返回说明** | | | | | |
| **正常返回结果** | | | | | |
| {errcode:0,ticket:”reqticket”,expires:7200} | | | | | |
| **参数** | | **说明** | | | |
| **errcode** | | 返回码 | | | |
| **ticket** | | 访问票据 | | | |
| **expires** | | 票据有效时间:单位秒 | | | |
| **错误返回结果** | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | |
| **返回码说明** | | | | | |
| **返回码** | **说明** | | | | |
| 0 | 成功 | | | | |
| 1 | 错误消息/票据失效 | | | | |

## 获取积分卡信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | |
| https://应用地址?action=cardinfo&ticket=票据&idcard=积分卡号&devno=设备编号 | | | | | |
| **参数说明** | | | | | |
| **参数名** | | **中文描述** | | **类型** | **约束** |
| ticket | | 访问票据 | | String | 必填 |
| idcard | | 积分卡号 | | String | 必填 |
| devno | | 设备编号 | | String | 必填 |
| **返回说明** | | | | | |
| **正常返回结果** | | | | | |
| {errcode:0,name:”姓名”,balance:”积分余额”，uid:”用户编号”，phone：“手机号码”} | | | | | |
| **参数** | | **说明** | | | |
| **errcode** | | 返回码 | | | |
| **name** | | 姓名 | | | |
| **balance** | | 积分余额 | | | |
| **phone** | | 手机号 | | | |
| **uid** | | 用户编号 | | | |
| **错误返回结果** | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | |
| **返回码说明** | | | | | |
| **返回码** | **说明** | | | | |
| 0 | 成功 | | | | |
| 1 | 错误消息 | | | | |

## 鉴权积分卡

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | |
| [https://应用地址?action=authcard&ticket=访问票据&idcard=积分卡号](https://应用地址/services/cardinfo?access_token=访问令牌&idcard=积分卡号&uid=用户编号)&pwd=积分卡口令&devno=设备编号 | | | | | |
| **参数说明** | | | | | |
| **参数名** | | **中文描述** | | **类型** | **约束** |
| ticket | | 访问票据 | | String | 必填 |
| idcard | | 积分卡号 | | String | 必填 |
| pwd | | 积分卡口令 | | String | 必填 |
| devno | | 设备编号 | | String | 必填 |
| **返回说明** | | | | | |
| **正常返回结果** | | | | | |
| {errcode:0,token:”令牌”} | | | | | |
| **参数** | | **说明** | | | |
| **errcode** | | 返回码 | | | |
| **token** | | 令牌 | | | |
| **错误返回结果** | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | |
| **返回码说明** | | | | | |
| **返回码** | **说明** | | | | |
| 0 | 鉴权成功 | | | | |
| 1 | 错误消息 | | | | |

## 获取商品清单

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | | |
| [https://应用地址?action=product&ticket=访问票据&idcard=积分卡号&devno=设备编号&token=令牌](https://应用地址/services/cardinfo?access_token=访问令牌&idcard=积分卡号&uid=用户编号) | | | | | | |
| **参数说明** | | | | | | |
| **参数名** | | **中文描述** | | | **类型** | **约束** |
| ticket | | 访问票据 | | | String | 必填 |
| idcard | | 积分卡号 | | | String | 必填 |
| devno | | 设备编号 | | | String | 必填 |
| token | | 令牌 | | | String | 必填 |
| **返回说明** | | | | | | |
| **正常返回结果** | | | | | | |
| {errcode:0,data:[{pid:”商品编号”,price:“商品价格”，enable:“可用状态”，x:”位置X”,y:”位置Y”},...]} | | | | | | |
| **参数** | | **说明** | | | | |
| **errcode** | | 返回码 | | | | |
| **data** | | JSON数组 | | | | |
|  | | pid | | 商品编号 | | |
| price | | 商品价格 | | |
| enable | | 0:不可用 1:可用 | | |
|  | | x | | 第几排 | | |
|  | | y | | 第几列 | | |
| **错误返回结果** | | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | | |
| **返回码说明** | | | | | | |
| **返回码** | **说明** | | | | | |
| 0 | 成功 | | | | | |
| 1 | 错误消息 | | | | | |

## 无料反馈

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | | |
| [https://应用地址?action=feedback&ticket=访问票据&idcard=积分卡号&devno=设备编号&x=横向&y=纵向&code=状态码&token=令牌](https://应用地址/services/cardinfo?access_token=访问令牌&idcard=积分卡号&uid=用户编号) | | | | | | |
| **参数说明** | | | | | | |
| **参数名** | | **中文描述** | | | **类型** | **约束** |
| ticket | | 访问票据 | | | String | 必填 |
| idcard | | 积分卡号 | | | String | 必填 |
| devno | | 设备编号 | | | String | 必填 |
| x | | 横向坐标 | | | Int |  |
| y | | 纵向坐标 | | | Int |  |
| code | | 发放状态码（2=空位”，3=电机故障） | | | Int |  |
| token | | 令牌 | | | String | 必填 |
| **返回说明** | | | | | | |
| **正常返回结果** | | | | | | |
| {errcode:0,data:[{pid:”商品编号”,price:“商品价格”，enable:“可用”},...]} | | | | | | |
| **参数** | | **说明** | | | | |
| **errcode** | | 返回码 | | | | |
| **data** | | JSON数组 | | | | |
|  | | pid | | 商品编号 | | |
| price | | 商品价格 | | |
| enable | | 0:不可用 1:可用 | | |
|  | | x | | 1 | | |
|  | | y | | 1 | | |
| **错误返回结果** | | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | | |
| **返回码说明** | | | | | | |
| **返回码** | **说明** | | | | | |
| 0 | 成功 | | | | | |
| 1 | 错误消息 | | | | | |

## 提交扣款

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | | |
| [https://应用地址?action=submit&ticket=访问票据&idcard=积分卡号&devno=设备编号&token=令牌](https://应用地址/services/cardinfo?access_token=访问令牌&idcard=积分卡号&uid=用户编号)&data=[{pid:“商品编号”，x:“第几排”,y:“第几列”,code:”发放状态码”}] | | | | | | |
| **参数说明** | | | | | | |
| **参数名** | | **中文描述** | | | **类型** | **约束** |
| ticket | | 访问票据 | | | String | 必填 |
| idcard | | 积分卡号 | | | String | 必填 |
| devno | | 设备编号 | | | String | 必填 |
| token | | 令牌 | | | String | 必填 |
| data | | JSON数组 | | | String | 必填 |
|  | | pid | | 商品编号 | String | 必填 |
|  | | x | | 第几排 | Int | 必填 |
|  | | y | | 第几列 | int | 必填 |
|  | | code | | 发放状态码（0=未发放，1=完成发放，2=空位”，3=电机故障） | int | 必填 |
| **返回说明** | | | | | | |
| **正常返回结果** | | | | | | |
| {errcode:0} | | | | | | |
| **参数** | | **说明** | | | | |
| **errcode** | | 返回码 | | | | |
| **错误返回结果** | | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | | |
| **返回码说明** | | | | | | |
| **返回码** | **说明** | | | | | |
| 0 | 成功 | | | | | |
| 1 | 错误消息 | | | | | |

## 获取广告资源

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | | |
| [https://应用地址?action=advert&devno=设备编号](https://应用地址/services/cardinfo?access_token=访问令牌&idcard=积分卡号&uid=用户编号) | | | | | | |
| **参数说明** | | | | | | |
| **参数名** | | **中文描述** | | | **类型** | **约束** |
| devno | | 设备编号 | | | String | 必填 |
| **返回说明** | | | | | | |
| **正常返回结果** | | | | | | |
| {errcode:0,data:[{id:”广告编号”，pic:”广告图路径”，pos:“顺显示序”},...]} | | | | | | |
| **参数** | | **说明** | | | | |
| **errcode** | | 返回码 | | | | |
| **data** | | JSON数组 | | | | |
|  | | id | | 广告编号 | | |
| pic | | 广告图HTTP绝对路径 | | |
| pos | | 显示顺序 | | |
| **错误返回结果** | | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | | |
| **返回码说明** | | | | | | |
| **返回码** | **说明** | | | | | |
| 0 | 成功 | | | | | |
| 1 | 错误消息 | | | | | |

## 员工登录

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | |
| [https://应用地址?action=login&ticket=票据&account=帐号&pwd=口令&devno=设备编号](https://应用地址/services/cardinfo?access_token=访问令牌&idcard=积分卡号&uid=用户编号) | | | | | |
| **参数说明** | | | | | |
| **参数名** | | **中文描述** | | **类型** | **约束** |
| ticket | | 访问票据 | | String | 必填 |
| account | | 登录帐号 | | String | 必填 |
| pwd | | 登录密码 | | String | 必填 |
| devno | | 设备编号 | | String | 必填 |
| **返回说明** | | | | | |
| **正常返回结果** | | | | | |
| {errcode:0,token:“令牌”} | | | | | |
| **参数** | | **说明** | | | |
| **errcode** | | 返回码 | | | |
| **错误返回结果** | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | |
| **返回码说明** | | | | | |
| **返回码** | **说明** | | | | |
| 0 | 成功 | | | | |
| 1 | 错误消息 | | | | |

## 补货

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | |
| [https://应用地址?action=replen&ticket=票据&devno=设备编号](https://应用地址/services/cardinfo?access_token=访问令牌&idcard=积分卡号&uid=用户编号)&x=[1,2,3,5]&token=令牌 | | | | | |
| **参数说明** | | | | | |
| **参数名** | | **中文描述** | | **类型** | **约束** |
| devno | | 设备编号 | | String | 必填 |
| ticket | | 访问票据 | | String | 必填 |
| x | | 第几排 | | [1,2,3,4,5,6] | 必填 |
| token | | 令牌 | | String | 令牌 |
| **返回说明** | | | | | |
| **正常返回结果** | | | | | |
| {errcode:0} | | | | | |
| **参数** | | **说明** | | | |
| **errcode** | | 返回码 | | | |
| **错误返回结果** | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | |
| **返回码说明** | | | | | |
| **返回码** | **说明** | | | | |
| 0 | 成功 | | | | |
| 1 | 错误消息 | | | | |

## 二维码获取用户信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **接口调用请求说明** | | | | | |
| **HTTPS 请求方式** | | | GET请求服务 | | |
| https://应用地址?action=qrcode&ticket=票据&qrcode=二维码&devno=设备编号 | | | | | |
| **参数说明** | | | | | |
| **参数名** | | **中文描述** | | **类型** | **约束** |
| ticket | | 访问票据 | | String | 必填 |
| qrcode | | 二维码 | | String | 必填 |
| devno | | 设备编号 | | String | 必填 |
| **返回说明** | | | | | |
| **正常返回结果** | | | | | |
| {errcode:0,name:”姓名”,balance:”积分余额”，uid:”用户编号”，phone：“手机号码”} | | | | | |
| **参数** | | **说明** | | | |
| **errcode** | | 返回码 | | | |
| **name** | | 姓名 | | | |
| **balance** | | 积分余额 | | | |
| **phone** | | 手机号 | | | |
| **uid** | | 用户编号 | | | |
| **错误返回结果** | | | | | |
| {"errcode": "1","errmsg": "错误信息"} | | | | | |
| **返回码说明** | | | | | |
| **返回码** | **说明** | | | | |
| 0 | 成功 | | | | |
| 1 | 错误消息 | | | | |