**root-pay接口文档**

网站交互文档

V1.0.0

修改记录

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 修订时间 | 版本 | 内容 | 变更提出人 | 变更原因 |
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# 1、接口使用说明

## 1.1 请求方式

POST/GET

## 1.2 请求参数

## 1.3 数据交换格式

json

## 1.4 JSON格式

{

“code”:“状态码”，

“msg”:“信息”，

“data”：“属性包 ,object, list”

}

## 1.5 code 说明

code=1 成功；

# 2、支付订单模块

## 2.1获取支付渠道

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | 获取支付渠道 | | | | | |
| Access | 不需登录 | | | | | |
| Method | GET | | | | | |
| Description |  | | | | | |
| Request | url | internal/pay/getPayChannels | | | | |
| params |  | |  |  |  |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data": [  {  "channel": "alipay",  "name": "支付宝"  },  {  "channel": "offline",  "name": "线下支付"  }  ]  } | | | | |
| Remark | code | Int | | code=0成功； | |
| msg | string | | 状态信息 | |

## 2.2创建支付订单

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | 创建支付订单 | | | | | |
| Access | 不需登录 | | | | | |
| Method | POST | | | | | |
| Description | 创建支付订单 | | | | | |
| Request | url | internal/pay/createBillOrder | | | | |
| params | tenantId | | long | 必填 | 租户ID |
| userName | | String | 必填 | 下单人用户名 |
| productCode | | String | 必填 | 订单来自什么产品(rc:根云平台基础服务费) |
| orderCode | | String | 非必填 | 业务系统订单编号 |
| amount | | Decimal(14,2) | 必填 | 订单实际价格(单位:元) |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data": 2017011512345678  } | | | | |
| Remark | code | Int | | code=0成功； | |
| msg | string | | 状态信息 | |
| data | String | | 支付订单编号 | |
| 说明 | username长度不能大于50 | | | | 错误码 10001 | |
| amount 为大于等于0，小于等于1000000000的最多2位小数的数值 | | | | 错误码 10001 | |
| productCode必须存在：（rc：根云平台基础服务费，cloud：云充值） | | | | 错误码 10001 | |
| orderCode已存在 | | | | 错误码 10003 | |
| orderCode 长度不能大于100 | | | | 错误码 10001 | |

## 2.3确认已收款(线下支付，0元订单使用)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | 确认已收款(线下支付) | | | | | |
| Access | 不需登录 | | | | | |
| Method | POST | | | | | |
| Description | 确认已收款(线下支付) | | | | | |
| Request | url | internal/pay/confirmOfflineBillPaid | | | | |
| params | billNum | | string | 必填 | 支付订单编号 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data": null  } | | | | |
| Remark | code | Int | | code=0成功； | |
| msg | string | | 状态信息 | |
| data | String | | 空 | |
| 说明 | billNum长度不能大于50 | | | | 错误码 10001 | |

## 2.4改价接口

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | 更改价格 | | | | | | |
| Access | 不需登录 | | | | | | |
| Method | POST | | | | | | |
| Description | 改价 | | | | | | |
| Request | url | internal/pay/changePrice | | | | | |
| params | billNum  newPrice | | String  BigDecimal | | 必填  必填 | 支付订单编号  新的价格 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data": null  } | | | | | |
| Remark | code | Int | | | code=0成功； | |
| msg | string | | | 状态信息 | |
| data | String | | | 空 | |
| 说明 | billNum长度不能大于50 | | | | 错误码 10001 | | |
| newPrice为大于等于0，小于等于1000000000的最多2位小数的数值 | | | | 错误码 10001 | | |

## 2.5获取调用支付宝付款url

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | 获取调用支付宝付款url | | | | | |
| Access | 不需登录 | | | | | |
| Method | GET | | | | | |
| Description | 获取调用支付宝付款url | | | | | |
| Request | url | internal/pay/generatePayUrl | | | | |
| params | billNum | | String | 必填 | 支付订单编号 |
| Response | reslut  JSON | {  "msg": "success",  "code": 0,  "data": “https://mapi.alipay.com/gateway.do?sign=65539fc87afb759c80fcc4eb901b470b&\_input\_charset=utf-8&subject=%E6%A0%B9%E4%BA%91%E5%B9%B3%E5%8F%B0%E5%9F%BA%E7%A1%80%E6%9C%8D%E5%8A%A1%E8%B4%B9&total\_fee=100.00&sign\_type=MD5&service=create\_direct\_pay\_by\_user&notify\_url=http%3A%2F%2F139.199.36.217%3A8084%2Fajax%2Falipay\_call\_back&partner=2088521057097255&seller\_id=2088521057097255&out\_trade\_no=100&payment\_type=1&return\_url=http%3A%2F%2F139.199.36.217%3A8084%2Fajax%2Falipay\_return\_back”  } | | | | |
| Remark | code | Int | | code=0成功； | |
| msg | string | | 状态信息 | |
| data | String | | 空 | |