**信用借还借用实体地图数据上报**

**zhima.merchant.borrow.entity.upload**

**版本号：1.0**

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## 文档说明

## 1.1功能描述

信用借还借用实体地图数据上传接口：

接口业务说明：在线下信用借还场景中，需要商户上传借用实体（如充电宝机柜、借还门店点、借用实物自行车等）的地址位置及描述信息数据，供C端用户可以在芝麻信用借还频道地图页中展示。

接口技术说明：

1. 商户下的借用实体信息，保证**类目Code（categoryCode）+实体编号（entity\_code）唯一**，一个商户下相同类目code+实体编号多次调用，将按照上传时间（upload\_time）更新，**更新规则取最新的upload\_time快照数据覆盖旧记录。**
2. can\_borrow字段表示借用实体是否可借用，如果传入【N】表示不可借用，则将从芝麻借还频道地图上隐藏。借用实物为单个实体，如自行车已被人借用，则需要将其从地图上隐藏。借用实体为机器设备，如充电宝机柜设备更换，需要把老的设备设置成不可借用，上线新的设备。

**开发人员须知：**

**在接口测试联调过程中，接口入参【类目Code（category\_code）】字段必须传【test】，如一旦传入其他类目Code值，会将测试数据直接上线，从而暴露给所有C端用户，将会给商户品牌带来极差影响。**

**测试代码如下所示：**

|  |
| --- |
| AlipayClient alipayClient = new DefaultAlipayClient("<https://openapi.alipay.com/gateway.do>","app\_id","your private\_key","json","GBK","alipay\_public\_key","RSA2");  ZhimaMerchantBorrowEntityUploadRequest request = new ZhimaMerchantBorrowEntityUploadRequest();  request.setBizContent("{" +  "    \"product\_code\":\"w1010100000000002858"," +  "    **\"category\_code\":\"test\"**," +  "    \"entity\_code\":\"2016000100010011\"," +  "    \"longitude\":\"83.66\"," +  "    \"latitude\":\"5.87\"," +  "    \"entity\_name\":\"爱心雨伞\"," +  "    \"address\_desc\":\"杭州市西湖区文三路478号\"," +  "    \"office\_hours\_desc\":\"09:00—22:00\"," +  "    \"contact\_number\":\"0571-26888888\"," +  "    \"collect\_rent\":\"Y\"," +  "    \"rent\_desc\":\"5元/小时\"," +  "    \"can\_borrow\":\"Y\"," +  "    \"can\_borrow\_cnt\":\"12\"," +  "    \"total\_borrow\_cnt\":\"20\"," +  "    \"upload\_time\":\"2017-01-01 15:34:38\"" +  "  }");  ZhimaMerchantBorrowEntityUploadResponse response = alipayClient.execute(request);  if(response.isSuccess()){  System.out.println("调用成功");  } else {  System.out.println("调用失败");  } |

可登录手机钱包，用“扫一扫”功能，访问如下二维码即可查询展现联调测试的地图数据。



## 参数说明

## 2.1请求地址参数

|  |  |
| --- | --- |
| **环境** | **HTTPS请求地址** |
| 正式环境 | https://openapi.alipay.com/gateway.do |

## 2.2公共请求参数

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **API应用场景说明** | **类型** | **是否必填** | **最大长度** | **描述** | **示例值** |
| app\_id | String | 是 | 32 | 支付宝分配给开发者的应用ID | 2014072300007148 |
| method | String | 是 | 128 | 接口名称 | zhima.merchant.borrow.entity.upload |
| format | String | 否 | 40 | 仅支持JSON | JSON |
| charset | String | 是 | 10 | 请求使用的编码格式，如utf-8,gbk,gb2312等 | utf-8 |
| sign\_type | String | 是 | 10 | 商户生成签名字符串所使用的签名算法类型，目前支持RSA2和RSA，推荐使用RSA2 | RSA2 |
| sign | String | 是 | 256 | 商户请求参数的签名串，详见<a href=" https://doc.open.alipay.com/docs/doc.htm?treeId=291&articleId=106074&docType=1">签名</a> | 详见示例 |
| timestamp | String | 是 | 19 | 发送请求的时间，格式"yyyy-MM-dd HH:mm:ss" | 2014-07-24 03:07:50 |
| version | String | 是 | 3 | 调用的接口版本，固定为：1.0 | 1.0 |
| app\_auth\_token | String | 否 | 40 | 详见<a  href="https://doc.open.alipay.com/doc2/deta  il.htm?treeId=216&articleId=105193&docType=1">应用授权概述</a> |  |
| biz\_content | String | 是 | - | 请求参数的集合，最大长度不限，除公共参数外所有请求参数都必须放在这个参数中传递，具体参照各产品快速接入文档 |  |

## 2.3接口请求入参

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **参数** | **类型** | **具体类型** | **是否列表类型** | **是否必填** | **最大长度** | **示例值** | **描述** |
| product\_code | 基础类型 | String | 否 | 是 | 20 | w1010100000000002858 | 信用借还的产品码,传入固定值:  w1010100000000002858 |
| category\_code | 基础类型 | String | 否 | 是 | 32 | umbrella | 类目Code，传入芝麻借还规定的类目Code，其他值会认为非法参数，参数值如下：  雨伞：umbrella  充电宝：power\_bank  自行车：bicycle  充电线：charge\_line  **注意：联调测试情况下，类目Code必须传test** |
| entity\_code | 基础类型 | String | 否 | 是 | 32 | 2016000100010011 | 外部实体编号，唯一标识一个实体，如自行车编号，机柜编号  注：商户维度下，类目Code（categoryCode）+实体编号（entity\_code）唯一，一个商户下相同类目code+实体编号多次调用，将按照上传时间（upload\_time）更新，更新规则取最新的upload\_time快照数据 |
| longitude | 基础类型 | String | 否 | 是 | 20 | 83.66 | 地址位置经度，取值范围：经度-180~180，中国地区经度范围：73.66~135.05 |
| latitude | 基础类型 | String | 否 | 是 | 20 | 5.87 | 地址位置纬度，取值范围：纬度-90~90，中国地区经度范围：纬度3.86~53.55 |
| entity\_name | 基础类型 | String | 否 | 是 | 20 | 爱心雨伞 | 实体名称，借用实体的描述，如XX雨伞，XX充电宝，XX自行车 |
| address\_desc | 基础类型 | String | 否 | 否 | 50 | 杭州市西湖区文三路478号 | 地址描述 |
| office\_hours\_desc | 基础类型 | String | 否 | 否 | 20 | 09:00—22:00 | 营业时间，格式：xx:xx-xx:xx，24小时制，如果是昼夜00:00—24:00 |
| contact\_number | 基础类型 | String | 否 | 否 | 20 | 0571-26888888 | 联系电话，手机11位数字，座机：区号－数字 |
| collect\_rent | 基础类型 | String | 否 | 是 | 1 | Y | 是否收租金，Y:收租金，N:不收租金 |
| rent\_desc | 基础类型 | String | 否 | 否 | 30 | 5元/小时 | 租金描述，该借还点的租金描述，例如：5元/小时，5-10元／小时 |
| can\_borrow | 基础类型 | String | 否 | 是 | 1 | Y | 是否可借用，Y:可借，N:不可借。如果不可借用，则不在芝麻借还频道地图展示 |
| can\_borrow\_cnt | 基础类型 | String | 否 | 是 | 5 | 12 | 可借用数量，如果是借用实物，如自行车，传1即可。如果是借用门店或借还机柜，则传入可借用的物品数量 |
| total\_borrow\_cnt | 基础类型 | String | 否 | 是 | 6 | 20 | 借用总数，如果是借用实物，如自行车，传1即可。如果是借用门店或借还机柜，则传入提供借还物品的总量 |
| upload\_time | 基础类型 | String | 否 | 是 | 19 | 2017-01-01 15:34:38 | 实体上传时间，某一借还实体信息多次上传，以最新上传时间数据为当前最新快照，格式：yyyy-mm-dd hh:MM:ss |

## 2.4公共响应参数

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **参数** | **类型** | **是否必须** | **最大长度** | **描述** | **示例值** |
| code | String | 是 | ~ | 网关返回码，详见文档:https://doc.open.alipay.com/doc2/detail.htm?treeId=200&articleId=105351&docType=1#s2 | 40004 |
| msg | String | 是 | ~ | 网关返回码描述，详见文档:https://doc.open.alipay.com/doc2/detail.htm?treeId=200&articleId=105351&docType=1#s2 | Business Failed |
| sub\_code | String | 否 | ~ | 业务返回码，详见文档:https://doc.open.alipay.com/doc2/detail.htm?treeId=200&articleId=105351&docType=1#s2 | ACQ.TRADE\_HAS\_SUCCESS |
| sub\_msg | String | 否 | ~ | 业务返回码描述，详见文档:https://doc.open.alipay.com/doc2/detail.htm?treeId=200&articleId=105351&docType=1#s2 | 交易已被支付 |
| Sign | String | 是 | 64 | 签名，详见文档:https://doc.open.alipay.com/doc2/detail.htm?treeId=200&articleId=105351&docType=1 | DZXh8eeTuAHoYE3w1J+POiPhfDxOYBfUNn1lkeT/V7P4zJdyojWEa6IZs6Hz0yDW5Cp/viufUb5I0/V5WENS3OYR8zRedqo6D+fUTdLHdc+EFyCkiQhBxIzgngPdPdfp1PIS7BdhhzrsZHbRqb7o4k3Dxc+AAnFauu4V6Zdwczo= |

## 接入示例

## 3.1 JAVA请求示例

|  |
| --- |
| AlipayClient alipayClient = new DefaultAlipayClient("<https://openapi.alipay.com/gateway.do>","app\_id","your private\_key","json","GBK","alipay\_public\_key","RSA2");  ZhimaMerchantBorrowEntityUploadRequest request = new ZhimaMerchantBorrowEntityUploadRequest();  request.setBizContent("{" +  "    \"product\_code\":\"w1010100000000002858"," +  "    \"category\_code\":\"test\"," +  "    \"entity\_code\":\"2016000100010011\"," +  "    \"longitude\":\"83.66\"," +  "    \"latitude\":\"5.87\"," +  "    \"entity\_name\":\"爱心雨伞\"," +  "    \"address\_desc\":\"杭州市西湖区文三路478号\"," +  "    \"office\_hours\_desc\":\"09:00—22:00\"," +  "    \"contact\_number\":\"0571-26888888\"," +  "    \"collect\_rent\":\"Y\"," +  "    \"rent\_desc\":\"5元/小时\"," +  "    \"can\_borrow\":\"Y\"," +  "    \"can\_borrow\_cnt\":\"12\"," +  "    \"total\_borrow\_cnt\":\"20\"," +  "    \"upload\_time\":\"2017-01-01 15:34:38\"" +  "  }");  ZhimaMerchantBorrowEntityUploadResponse response = alipayClient.execute(request);  if(response.isSuccess()){  System.out.println("调用成功");  } else {  System.out.println("调用失败");  } |

## 3.2 PHP请求示例

|  |
| --- |
| $aop = new AopClient ();  $aop->gatewayUrl = '<https://openapi.alipay.com/gateway.do>';  $aop->appId = 'your app\_id';  $aop->rsaPrivateKey = '请填写开发者私钥去头去尾去回车，一行字符串';  $aop->alipayrsaPublicKey='请填写支付宝公钥，一行字符串';  $aop->apiVersion = '1.0';  $aop->signType = 'RSA2';  $aop->postCharset='GBK';  $aop->format='json';  $request = new ZhimaMerchantBorrowEntityUploadRequest ();  $request->setBizContent("{" .  "    \"product\_code\":\"w1010100000000002858\"," .  "    \"category\_code\":\"test\"," .  "    \"entity\_code\":\"2016000100010011\"," .  "    \"longitude\":\"83.66\"," .  "    \"latitude\":\"5.87\"," .  "    \"entity\_name\":\"爱心雨伞\"," .  "    \"address\_desc\":\"杭州市西湖区文三路478号\"," .  "    \"office\_hours\_desc\":\"09:00—22:00\"," .  "    \"contact\_number\":\"0571-26888888\"," .  "    \"collect\_rent\":\"Y\"," .  "    \"rent\_desc\":\"5元/小时\"," .  "    \"can\_borrow\":\"Y\"," .  "    \"can\_borrow\_cnt\":\"12\"," .  "    \"total\_borrow\_cnt\":\"20\"," .  "    \"upload\_time\":\"2017-01-01 15:34:38\"" .  "  }");  $result = $aop->execute ( $request);    $responseNode = str\_replace(".", "\_", $request->getApiMethodName()) . "\_response";  $resultCode = $result->$responseNode->code;  if(!empty($resultCode)&&$resultCode == 10000){  echo "成功";  } else {  echo "失败";  } |

## 3.3 .net请求示例

|  |
| --- |
| IAopClient client = new DefaultAopClient("<https://openapi.alipay.com/gateway.do>", "app\_id", "merchant\_private\_key", "json", "1.0", "RSA2", "alipay\_public\_key", "GBK", "false";  ZhimaMerchantBorrowEntityUploadRequest  request= new ZhimaMerchantBorrowEntityUploadRequest() ;  request.BizContent="{" +  "    \"product\_code\":\"w1010100000000002858\"," +  "    \"category\_code\":\"test\"," +  "    \"entity\_code\":\"2016000100010011\"," +  "    \"longitude\":\"83.66\"," +  "    \"latitude\":\"5.87\"," +  "    \"entity\_name\":\"爱心雨伞\"," +  "    \"address\_desc\":\"杭州市西湖区文三路478号\"," +  "    \"office\_hours\_desc\":\"09:00—22:00\"," +  "    \"contact\_number\":\"0571-26888888\"," +  "    \"collect\_rent\":\"Y\"," +  "    \"rent\_desc\":\"5元/小时\"," +  "    \"can\_borrow\":\"Y\"," +  "    \"can\_borrow\_cnt\":\"12\"," +  "    \"total\_borrow\_cnt\":\"20\"," +  "    \"upload\_time\":\"2017-01-01 15:34:38\"" +  "  }";  ZhimaMerchantBorrowEntityUploadResponse response=client.Execute(request);  if(response.isSuccess()){  Console.WriteLine("调用成功");  } else {  Console.WriteLine("调用失败");  } |

## 响应示例

## 4.1 JSON示例

|  |
| --- |
| {  "zhima\_merchant\_borrow\_entity\_upload\_response":{  "code":"10000",  "msg":"Success"  }  ,"sign":"ERITJKEIJKJHKKKKKKKHJEREEEEEEEEEEE"  } |

## 异常示例

## 5.1 JSON示例

|  |
| --- |
| {  "zhima\_merchant\_borrow\_entity\_upload\_response":{  "code":"20000","msg":"Service Currently Unavailable","sub\_code":"isp.unknow-error","sub\_msg":"系统繁忙"}  ,"sign":"ERITJKEIJKJHKKKKKKKHJEREEEEEEEEEEE"  } |

## 错误码解释

