**SAAS exchange Open Platform**

**New Guide**

**Access domain name**

Open Platform access domain name：https://service.exchangename

Example：exchange domain name www.xxx.com

Open platform domain name service.xxx.com

Complete request https://service.xxx.com/platformapi/chainup/open/

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Type | is it must fill? | Default value | Notes | Other info |

**Signature algorithm**

**Signature generation algorithm**

1. **Generating algorithm rules: Request parameters are in alphabetical order，then spelled as a keyvalue string; finally sign=MD5(sortParam+secretKey)。All merchants have their own appkey and secret;**
2. **Note: If the value in the request parameter is NULL，the signature string will not be counted when piecing together the strings.**
3. **All signature validations are performed at the gateway layer, and subsequent service calls will not have signature rules**

**For example:**

|  |
| --- |
| Java  // enter parameter:  {  'symbol': 'ltcbtc',  'appKey': '0816016bb06417f50327e2b557d39aaa',  'sign': 'a169740d0588141ef70b71cf11ff8bf3',  'time': '1522055680'  }  // signature algorithm：    string = appKey0816016bb06417f50327e2b557d39aaasymbolltcbtctime1522055680    secretKey = xxxxxxxxxxxxxxxxx    sign = MD5(string+secretKey) = MD5(appKey0816016bb06417f50327e2b557d39aaasymbolltcbtctime1522055680xxxxxxxxxxxxxxxxx)    sign = 82d38bae5fc727feea4f7a96c7db0492 |

**Signature code list（JAVA）**

|  |
| --- |
| TypeScript  package com.test.demo;    import java.util.Arrays;  import java.util.HashMap;  import java.util.Set;  import org.apache.commons.codec.digest.DigestUtils;  import com.alibaba.fastjson.JSON;  import com.alibaba.fastjson.JSONObject;    import okhttp3.MediaType;  import okhttp3.OkHttpClient;  import okhttp3.Request;  import okhttp3.RequestBody;  import okhttp3.Response;    import org.junit.jupiter.api.Test;    public class Test {  @Test  void test01() {  try {  OkHttpClient client = new OkHttpClient();    //Request interface file url  String url = "https://service.xxx.com/platformapi/chainup/open/auth/token";  String secret = "\*\*\*password\*\*\*";  //Request parameter  HashMap<String,String> dataMap = new HashMap<String,String>();  dataMap.put("appKey", "appKey");  dataMap.put("code", "code");  //Generate signature  String sign = this.getSign(dataMap, secret);  dataMap.put("sign", sign);    String jsonStr = JSON.toJSONString(dataMap);  MediaType mediaType = MediaType.parse("application/json");  RequestBody body = RequestBody.create(mediaType, jsonStr);  Request request = new Request.Builder()  .url(url)  .post(body)  .addHeader("Content-Type", "application/json")  .build();    Response response = client.newCall(request).execute();  JSONObject jsonObj = JSONObject.parseObject(response.body().string());  System.out.println("get："+jsonObj.toJSONString());  } catch (Exception e) {  e.printStackTrace();  }  }    /\*\*  \* Generate signature  \*/  private String getSign(HashMap<String,String> resultMap, String secret) throws Exception {  Set<String> keys = resultMap.keySet();  String[] paramArr = keys.toArray(new String[keys.size()]);  Arrays.sort(paramArr);  StringBuilder sb = new StringBuilder();  for(String key : paramArr) {  String value = resultMap.get(key);  sb.append(key).append(value);  }  String lastStr = sb.toString() + secret;  String digest = DigestUtils.md5Hex(lastStr.getBytes("UTF-8"));    return digest;  }  } |

**Returned data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | notes | other info |

**Error codes**

|  |  |  |
| --- | --- | --- |
| code | Error code | English |
| 0 | 成功 | Successful |
| 10020 | 参数错误 | Parameter error |
| 10001 | 系统异常，请联系管理员 | System error, please contact admin |
| 10003 | 滑动验证错误 | Slide verification error |
| 10004 | 短信发送失败 | SMS sending error |
| 10005 | 发送过于频繁，稍后再试 | Send too often, try again later |
| 10015 | 操作失败 | Operation failed |
| 10009 | 短信验证码或邮箱验证码不正确 | SMS verification code or email code incorrect |
| 10010 | 谷歌校验码不正确 | Google verification code incorrect |
| 50000 | http请求的method不支持，全局接口都是application/json调用 | http request method not supported, all interfaces use application/json to modify |
| 50001 | appKey非法 | illegal appKey |
| 50002 | 重定向url与商户配置不匹配 | Redirect url does not match merchat configuration |
| 50003 | 权限组不存在 | Permission group does not exist |
| 50004 | appKey不存在 | appkey does not exist |
| 50005 | 签名错误 | Signature error |
| 50006 | 请求资源不能为空 | Request source cannot be empty |
| 50007 | 请求资源无效 | Request source invalid |
| 50008 | 项目前缀无效 | Project prefix invalid |
| 50009 | 请求时间超时 | Exceeded request time |
| 50010 | 非法的请求时间 | illegal request time |
| 50011 | 网络错误 | Network error |
| 50012 | 无权限访问资源 | Cannot access resources |
| 50013 | 今日该资源流量已达上限，不可访问 | Today reached maximum resource traffic, cannot access |
| 50014 | 该商户不支持此类账户支付 | Merchant does not support this type of account payment |
| 60001 | 刷新的token已失效 | Refreshed token expired |
| 60002 | token已失效 | Token already expired |
| 60003 | code已被使用,只可使用一次 | Code already used, it is only for one use |
| 60004 | 无效的OPENID | Invalid OPENID |
| 70001 | 订单不存在 | Order does not exist |
| 70002 | 订单已存在,请勿重复下单 | Order exists, please do not order again |
| 70003 | 订单状态异常 | Order staus irregular |
| 70004 | 非法的支付用户 | Illegal payment user |
| 70005 | 商家账户不可用 | Merchant account cannot use |
| 70006 | 账户余额不足 | Insufficient account balance |
| 70007 | 不支持该币种 | This coin is not supported |
| 70008 | 非法的支付金额 | Illegal payment amount |
| 70009 | 非法的订单场景类型 | Illegal order scenario type |

**Account type**

|  |  |
| --- | --- |
| assetType | Normal asset use type |
| 201 | Normal balance |

**Order status**

|  |  |
| --- | --- |
| orderStatus | Description |
| 1 | Payment pending |
| 2 | Payment failed |
| 3 | Payment successful |
| 0 | Closed |

**Order scenario type**

|  |  |
| --- | --- |
| orderSceneType （generate immediately) | Scenario mesage（client set） |
| 1001 | Frenetic order activity |
| ... ... | ... ... |

Contact customer service+technical support to obtain

**Frequent questions**

**1. How to start Open platform（create AppKey）？**

**0.Complete access steps**

Step 1: create app and obtain appKey, configure callback address, obtain access key;

Step 2: User authorization registration, obtain third party user code;

Step 3:Through code obtain open platform access token;

Step 4: access open source code:

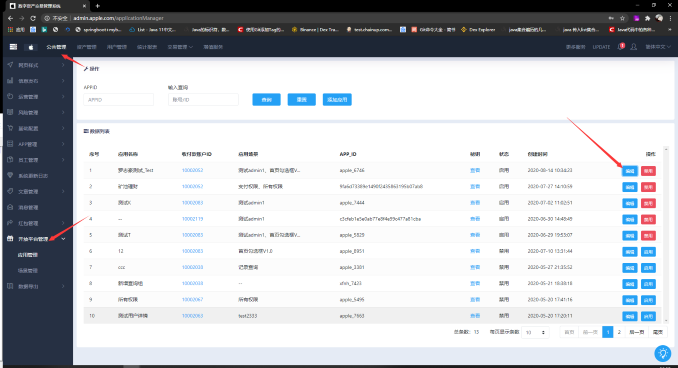
**1.Preparation work - obtain appKey and configure redirectUrl (recover address)**

The open platform is an OAuth 2.0 authorized login system based on the OAuth 2.0 protocol standard. Before you can access an open platform authorization login, you need to prepare the following access materials through the management back-end:

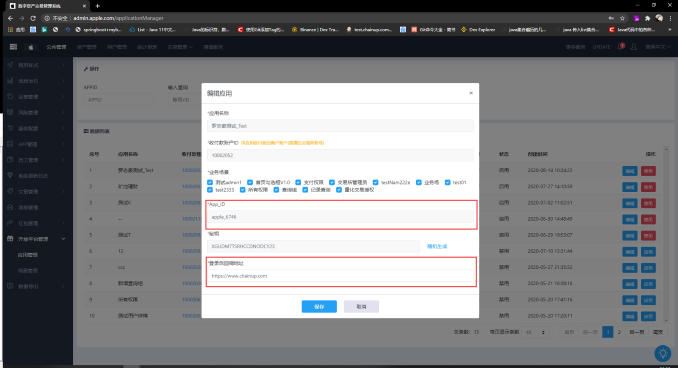
1. **appKey**: Used with the open platform merchant UID to execute one-on-one binding, which is necessary to obtain the open platform login rights;
2. **redirectUrl**: Used to complete the open platform after the successful opening of authorized accounts redirect address; the address is filled according to the actual business needs, if the business needs are not clear, you can fill in the exchange home page by default;

Back-end management address: [https://xxx.chainupcloud.info/](https://442905147e0eaeff11272e2ac401222f.chainupcloud.info/)

Log in back-end: public management-- > Open platform management-- > application management



According to highlighted content, obtain appKey and redirectUrl



After adding，remember to click ”enable“

**2. How to execute authorization login?--Step 1（create login page，obtain login code）**

**Basic Info**

**Path：** http://service.apple.com/platform/login.html?appKey=xxx&redirectUrl=https:xxxx

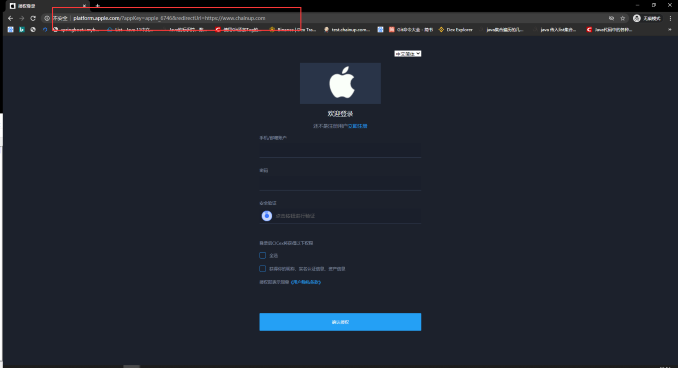
**Method：** GET

**Interface description：**

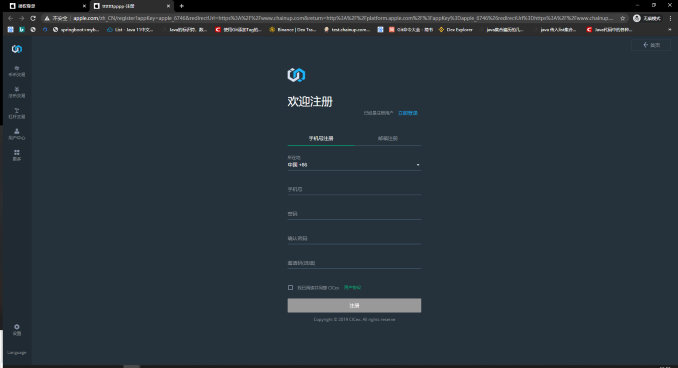
**2. User sign-up permission - OAuth authorization login page**

**2.1) Maintain the correct appkey and redirectUrl then click sign-up**

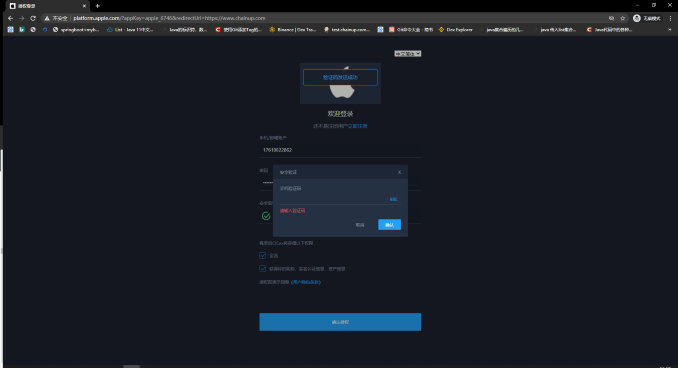
**Web browse address:**[https://service.apple.com/platform/login.html](https://service0001003.lcuiww.top/platform/login.html)



First sign-up if havent done so; If you have, click as shown on the below picture"Confirm authorization" button;



The system will send a verfication code to proceed with authorization;



**3. How to authorize login--step 2（use code to exchange login tokne，and obtain openid）**

**Basic info**

**Path：** http://service.apple.com/platformapi/chainup/open/auth/token

**Method：** POST

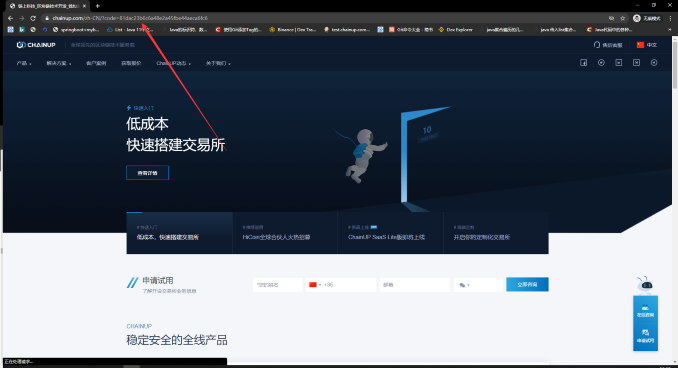
**Interface details：**

**2.2 ) Register ( or login ) to successfully obtain code**

If the previous steps are completed successfully;

And during the first step filled-in the registration address is the exchange home page;

Then you can see the following image, **the header signaled by the arrow is the currently obtained code**



**3.Obtain token - use code to interchange the token、openId**

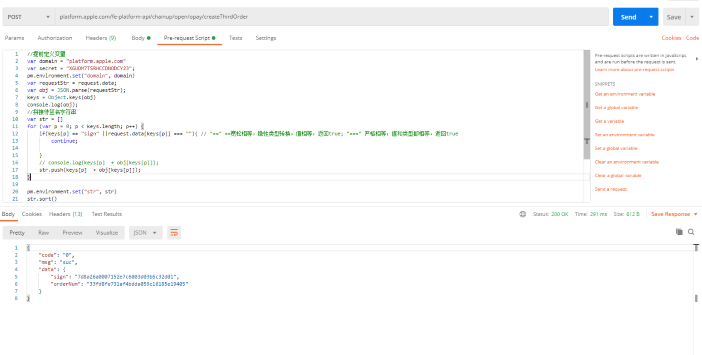
**3.1) Generate signature script**

Signature script configuration mode:

Configure the script content at the location shown below in the postman tool;

In the request parameter keep the **"sign":"{{sign}}"**to auto generate signature ( Refer to the next steps to get a screenshot of the parameters );

*\*\*Inside secret fill in the appKey alongside the private key \*\**



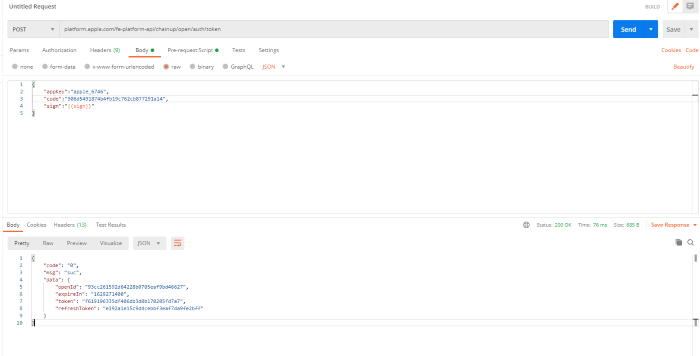
Code example：

|  |
| --- |
| JavaScript  //Define parameters in advance  var domain = "service.xxx.com"  var secret = "XGUDM7TSRHCCDNODCY23";  pm.environment.set("domain", domain)  var requestStr = request.data;  var obj = JSON.parse(requestStr);  keys = Object.keys(obj)  console.log(obj);  //spell the signature string  var str = []  for (var p = 0; p < keys.length; p++) {  if(keys[p] == "sign" ||request.data[keys[p]] === ""){ // "==" ==Loose equality, implicit type conversion, equal value, return true; "" Is strictly equal, values and types are equal, return true  continue;}  // console.log(keys[p] + obj[keys[p]]);  str.push(keys[p] + obj[keys[p]]);  }pm.environment.set("str", str)  str.sort()  str.push(secret)  var s = str.join("")  console.log("prepare signature");  console.log(s);//MD5 encrypts the signature specification and assigns the value to the environment variable 'sign'`  var sign =CryptoJS.MD5(CryptoJS.enc.Latin1.parse(s)).toString();  pm.environment.set("sign", sign); |

**3.2) Call the interface in exchange for token or openId**

**Interface address: http://**[**http://service.xxx.com/platformapi/chainup/open/auth/token**](http://service.xxx.com/platformapi/chainup/open/auth/token)

**Interface file address:** [Use code to exchange token, and openid interface](https://exchange-doc.github.io/platform.html#u7b2cu4e8cu6b65uff0cu4f7fu7528codeu6362u53d6tokenu3001openidu63a5u53e30a3ca20id3du7b2cu4e8cu6b65uff0cu4f7fu7528codeu6362u53d6tokenu3001openidu63a5u53e33e203ca3e)



As shown in the above image;

When the interface call is successful, the resultant information contains token and openId;

3.How to perform payment function--Step 1（create pending payment order）

**4.Access open platform resources through Token - Create orders/pay/query orders**

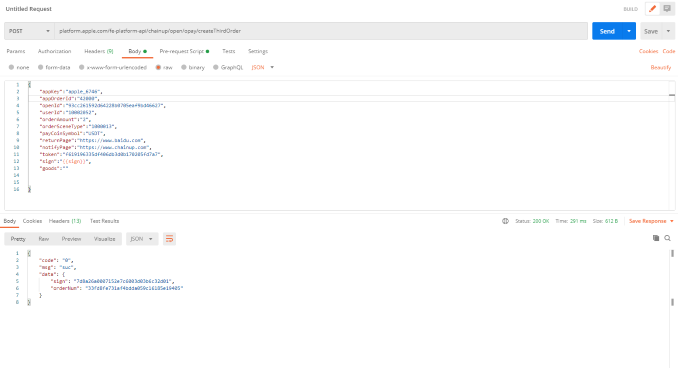
**4.1) Create payment order**

Interface address: <http://service.apple.com/platformapi/chainup/open/opay/createThirdOrder>

**Interface file address:** create payment order

**Note!!! openId and userId can nly have one, if both exists at the same time, will prioritize openId**

The POSTMAN tool calls the interface diagram:



The given result for the successful creation of the order is as shown in the figure above;

**4.How to execute payment function--step 3（payment call）**

**Basic info**

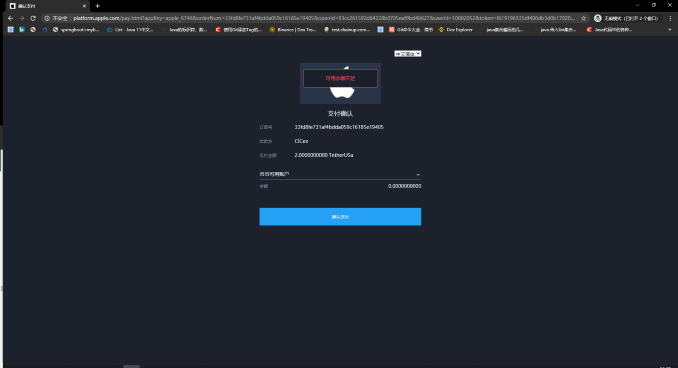
**Path：** /notifyPage

**Method：** GET

**Interface description：**

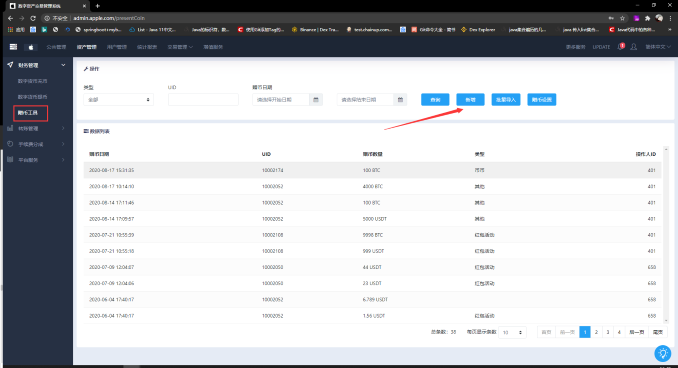
**4.1.3) Call the request payment page:**

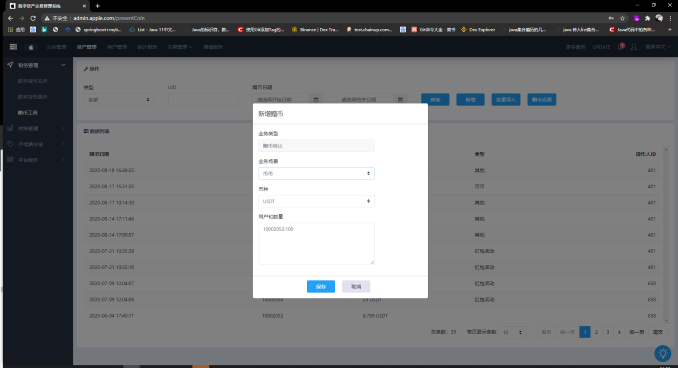
Request payment page diagram:



**4.1.4) Insufficient balance in the management platform top-up reward coin (if the balance is sufficient then ignore this step)**

Assets management-- > Financial Mgt -- > Rewards tool





**4.1.5) After successful payment redirect page ( the page is the first step for redirectUrl configuration )**



**Request parameter**

**5.How to execute payment function--step 3（query payment order）**

**Basic info**

**Path：** http://service.apple.com/platformapi/chainup/open/opay/orderDetail

**Method：** POST

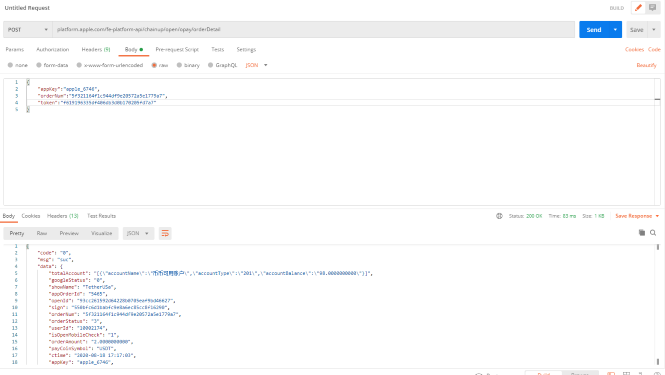
**Interface description：**

**4.2)** **Query payment order**

**Interface address：**<https://service.xxx.com/platformapi/chainup/open/opay/orderDetail>

**Interface file address:** [query payment order](https://exchange-doc.github.io/platform.html#u67e5u8be2u652fu4ed8u8ba2u53550a3ca20id3du67e5u8be2u652fu4ed8u8ba2u53553e203ca3e)

Use the POSTMAN tool to get the interface call address;



**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | Is it must write? | example | notes |
| Content-Type | application/x-www-form-urlencoded | yes |  |  |

**6.How to execute payment function --step 2（create payment page）**

**Basic info**

**Path：** http://service.apple.com/pay.html

**Method：** POST

**Interface description：**

**4.1.1)Payment page**

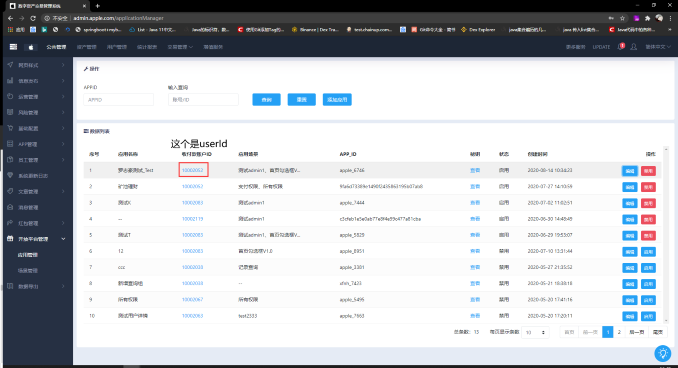
**Interface address:**[https://service.xxx.com/platform/pay.html](https://service0001003.lcuiww.top/platform/pay.html)

**Interface file address:** [payment page](https://exchange-doc.github.io/platform.html#u7b2cu4e8cu6b65uff0cu652fu4ed8u9875u97620a3ca20id3du7b2cu4e8cu6b65uff0cu652fu4ed8u9875u97623e203ca3e)

**4.1.2) Obtain request parameters:**

Login back-end: public management-- > Open platform management-- > Application management

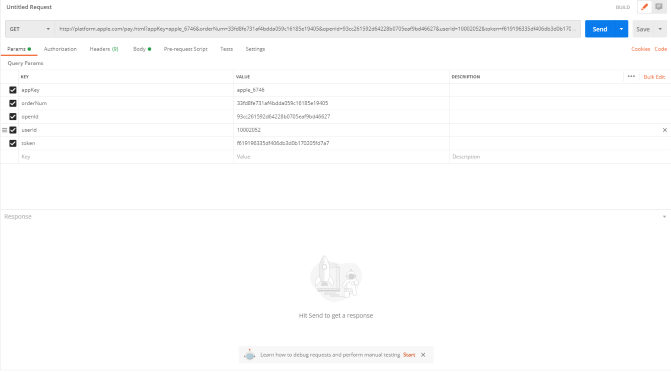
Get the userId in the request parameters as shown in the picture below



Use the POSTMAN tool to get the interface call address;

The interface call address after the parameters have been assembled: [https://service.xxx.com/platform/pay.html](https://service0001003.lcuiww.top/platform/pay.html)[?appKey=xxx&openId=xxx&token=xxx&orderNum=xxx](https://platform.xxx.com/pay.html?appKey=xxx&openId=xxx&token=xxx&orderNum=xxx)

If your engineer is familiar with the GET request, they can access it directly by the parameters of the assembly address;



**Request parameter**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | is it a must fill? | Example | Details |
| Content-Type | application/x-www-form-urlencoded | Yes |  |  |

**Data resultant**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Type | Is it must fill? | Default value | Details | Other info |

**APP OAuth authorization**

**App authorization login page**

**Basic info**

**Path：** /platform/authorized.html?appKey=xxx&redirectUrl=xxx&state=xxx&lan=en\_US

**Method：** GET

**Interface description：**

Requires the user APP to be logged in; after successful login authorization, carry code and appKey redirected to redirectUrl

**Request parameter**

**Query**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter name | Is it must fill? | Example | Details |
| appKey | yes | test | merchant key |
| redirectUrl | yes | https://www.baidu.com | After successful authorization redirect page |
| state | no | 1 | Merchant incoming status field |
| lan | yes | zh\_CN | Language environment field (supports zh\_CN en\_US) when the app portal url is configured in the back-end |

**Resultant parameter**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |

**OAuth authorization login page (no KYC required)**

**Basic info**

**Path：** /platform/authorized\_nokyc.html?appKey=xxx&redirectUrl=xxx&state=xxx&lan=en\_US

**Method：** GET

**Interface description：**

**Request parameter**

**Query**

|  |  |  |  |
| --- | --- | --- | --- |
| parameter name | is it must fill? | example | details |
| appKey | yes | test | merchant key |
| redirectUrl | yes | https://www.baidu.com | After successful authorization redirect page |
| state | no | 1 | Merchant incoming status field |
| lan | yes | zh\_CN | Language environment field (supports zh\_CN en\_US) when the app portal url is configured in the back-end |

Resultant parameter

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |

**OAuth**

**Step 1，OAuth authorization login page**

**Basic info**

**Path：** /platform/login.html

**Method：** GET

**Interface description：**

The last login page stitched after completion is:

[https://service.xxx.com/login.html?appKey=xxx&redirectUrl=xxx&state=xxx](https://platform.xxx.com/login.html?appKey=xxx&redirectUrl=xxx&state=xxx)

After a successful login, carry the code redirected to redirectUrl

**Request parameter**

**Query**

|  |  |  |  |
| --- | --- | --- | --- |
| parameter name | is it must fill? | example | details |
| appKey | yes | shangjia | merchant key |
| redirectUrl | yes | https://www.chaindown.com | After successful authorization redirect page |
| state | no | 1 | Merchant incoming status field |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it mst fill? | default value | details | other info |

**Step 2，Use code to exchange for token、openId port**

**Basic info**

**Path：** /platformapi/chainup/open/auth/token

**Method：** POST

**Interface description：**

**Request parameter**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | is it must fill? | example | details |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |
| appKey | string | must |  | Merchant only key |  |
| code | string | must |  | The code returned when the user logs on to the authorization |  |
| sign | string | must |  | MD5(Sort(Param) + secret) |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |
| code | number | no |  | return code |  |
| msg | string | no |  | A success or failure prompt |  |
| data | object | no |  |  |  |
| ├─ openId | string | no |  | The authorized user belongs to the only openId under the merchant |  |
| ├─ expireIn | string | no |  | token passed time，seconds |  |
| ├─ refreshToken | string | no |  | Refresh token all token |  |
| ├─ token | string | no |  | authorization token |  |

**Refresh token**

**Basic info**

**Path：** /platformapi/chainup/open/auth/refreshToken

**Method：** POST

**Interface description：**

**Request parameter**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | is it must fill? | example | details |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |
| appKey | string | yes |  |  |  |
| refreshToken | string | yes |  | While getting token obtain refresh\_token |  |
| token | string | yes |  | token before authorization token |  |
| openId | string | yes |  |  |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |
|  |  |  |  |  |  |
| code | number | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ openId | string | no |  |  |  |
| ├─ expireIn | string | no |  |  |  |
| ├─ refersh\_token | string | no |  |  |  |
| ├─ token | string | no |  |  |  |

**Payment**

**Step 1，create payment order**

**Basic info**

**Path：** /platformapi/chainup/open/opay/createThirdOrder

**Method：** POST

**Interface description：**

**Request parameter**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | is it must fill? | example | details |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |
| appKey | string | yes |  | merchant only code |  |
| appOrderId | string | yes |  | Merchant order ID |  |
| openId | string | yes |  | Payment user only id |  |
| userId | string | yes |  | The payment user uid (with openid must have one) || There is also a priority openId |  |
| orderAmount | string | yes |  | Payment amount |  |
| orderSceneType | string | yes |  | The setting type of the order, number enumeration; |  |
| payCoinSymbol | string | yes |  | Payment coin，write big letters like BTCappKey |  |
| returnPage | string | yes |  | Front end redirect merchant homepage |  |
| notifyPage | string | yes |  | Back-end notice merchant address |  |
| token | string | yes |  | Authorization token |  |
| sign | string | yes |  | MD5(Sort(Param) + secret) |  |
| goods | string | no |  | Product description，can not pass, incoming must be in legal json format，otherwise the order creation will fail；the field in json is name : product name desc: product decsription, example：[{"name":"product 1","desc":"product info 123balabala"},{"name":"product 2","desc":"product info 23balabala"},{"name":"product 3","desc":"product info 33balabala"}] |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | is it must fill? | default value | details | other info |
| code | number | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ sign | string | no |  |  |  |
| ├─ orderNum | string | no |  |  |  |

**Step 2，payment page**

**Basic info**

**Path：** /platform/pay.html

**Method：** GET

**Interface description：**

The last payment page is finished after bottling is complete:

<https://platform.xxx.com/pay.html?appKey=xxx&openId=xxx&token=xxx&orderNum=xxx>

**Request parameter**

**Query**

|  |  |  |  |
| --- | --- | --- | --- |
| parameter name | must fill? | example | details |
| appKey | yes |  |  |
| orderNum | yes |  | platform order code |
| openId | yes |  | payer openId，must be order creator |
| userId | yes |  | payment user uid(there should be one with openid ) |
| token | yes |  | authorization token |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | details | other info |

**Step 3，payment result call interface**

**Basic info**

**Path：** /notifyPage

**Method：** POST

**Interface description：**

The interface URL is provided by the docking merchant, and the parameters that come out when the order is first created: once the notifyPage payment is complete, the payment results are notified via the URL corresponding to the notifyPage

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | details |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  | merchant only key |  |
| outOrderId | string | yes |  | merchant order code |  |
| orderNum | string | yes |  | Open platform order code |  |
| orderStatus | string | yes |  | Order status(1 payment pending； 2 payment failed；3 payment successful； 0 closed) |  |
| payAmount | string | yes |  | Order balance |  |
| returnUrl | string | yes |  | Sync notification page (order interface incoming) |  |
| sign | string | yes |  |  |  |

**Returned data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| data | string | yes |  | When the client receives the request, it returns to sucess, which means that the request is received |  |

**Search payment order**

**Basic info**

**Path：** /platformapi/chainup/open/opay/orderDetail

**Method：** POST

**Interface description：**

**Request Parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | no |  | merchant only code |  |
| orderNum | string | no |  | platform order code |  |
| token | string | no |  | autherization token |  |

**Returned data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | integer | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ totalAccount | object [] | no |  | All accounts supported by the merchant list | item type: object |
| ├─ accountName | string | yes |  | Account name (shown in drop-down menu) |  |
| ├─ accountType | integer | yes |  | Account type (id) needs to be returned to the backend with the equivalent id field |  |
| ├─ accountBalance | number | yes |  | Paying user account balance |  |
| ├─ googleStatus | number | no |  | Open Google authenticator；0-not open,1-open |  |
| ├─ appOrderId | string | no |  | Merchant order id |  |
| ├─ sign | string | no |  | name |  |
| ├─ orderNum | string | no |  | Order code |  |
| ├─ orderStatus | string | no |  | Order status(1 pending payment； 2 payment failed；3 payment successful； 0 closed) |  |
| ├─ userId | integer | no |  | User id |  |
| ├─ isOpenMobileCheck | string | no |  | Open phone message verification；0-not open,1-open |  |
| ├─ orderAmount | string | no |  | Order amount |  |
| ├─ payCoinSymbol | string | no |  | Payment currency |  |
| ├─ ctime | string | no |  |  |  |
| ├─ appKey | string | no |  |  |  |
| ├─ showPrecision | string | no |  | Precision displayed |  |

**Merchant daily post statements**

**Basic information**

**Path：** /platformapi/chainup/open/opay/merchantBillingDay

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  |  |  |
| orderType | string | yes |  | Order type（1=paid order；11=transfer order），all orders are checked |  |
| day | string | yes |  | The date in statistics, format: yyyyy-MM-dd, does not conform to the format parameter exception; |  |
| pageNum | string | yes |  | To check page number，same page logic；do not check all |  |
| pageSize | string | yes |  | Size per page, same page logic; no page query 2000 (maximum 2000, data more than 2000 please page query) |  |
| sign | string | yes |  |  |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ count | number | no |  | Daily record count: |  |
| ├─ list | object [] | no |  |  | item type: object |
| ├─ merchantUserId | number | no |  | Merchant collection user id； |  |
| ├─ appOrderId | string | no |  | Merchant order id； |  |
| ├─ payCoinSymbol | string | no |  | Coin used for payment； |  |
| ├─ orderAmount | number | no |  | Operation order amount； |  |
| ├─ orderType | number | no |  | Order type(1、paid order;11、transfer(return)order) |  |
| ├─ userId | number | no |  | Paying user id；pay user id； |  |
| ├─ openId | string | no |  | Payment user openid； |  |
| ├─ createTime | string | no |  | Order time，in ms； |  |
| ├─ payTime | string | no |  | Actual payment time，in ms； |  |

**Cancel pending orders**

**Basic info**

**Path：** /opay/cancelOrder

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/x-www-form-urlencoded | yes |  |  |

**Body**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter type | must fill? | example | notes |
| appKey | text | yes |  | xfnh\_1234 |
| orderNum | text | yes |  | 99999999999 |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | number | no |  |  |  |
| msg | string | no |  |  |  |

**Reward currency**

**Based on the merchant id obtain order number**

**Basic info**

**Path：** /opay/getReferenceOrder

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/x-www-form-urlencoded | yes |  |  |

**Body**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter type | must fill? | example | notes |
| appOrderId | text | yes |  |  |
| appKey | text | yes |  |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ orderNum | string | no |  |  |  |

**Reward currency interface**

**Basic info**

**Path：** /platformapi/chainup/open/opay/refundOrder

**Method：** POST

**Interface description：**

|  |  |
| --- | --- |
| assetType | Comon used asset type |
| 201 | Normal balance |

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  |  |  |
| appOrderId | string | yes |  | Merchant order id, globally unique |  |
| assetType | string | yes |  | Payment account type: AB part, default to available account |  |
| openId | string | yes |  | Collection user unique id, the unique identity of the user authorized by the open platform to the app |  |
| userId | string | yes |  | Collection user uid(with openid must have one) all together there should be a priority openid |  |
| orderAmount | string | yes |  | Amount |  |
| orderSceneType | string | yes |  | Order background type，numeral； |  |
| payCoinSymbol | string | yes |  | Payment currency，write big letters as BTC |  |
| sign | string | yes |  |  |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ orderNum | string | no |  |  |  |

**Reward currency record**

**Basic info**

**Path：** /record/currencyIncreaseList

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| page | string | yes |  |  |  |
| pageSize | string | yes |  |  |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | number | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ count | number | no |  |  |  |
| ├─ list | object [] | no |  |  | item type: object |
| ├─ id | number | yes |  |  |  |
| ├─ uid | number | yes |  |  |  |
| ├─ amount | number | yes |  |  |  |
| ├─ symbol | string | yes |  |  |  |
| ├─ type | number | yes |  |  |  |
| ├─ ctime | string | yes |  |  |  |
| ├─ opUid | number | yes |  |  |  |
| ├─ companyId | number | yes |  |  |  |

**User information interface**

**Register+login integrated interface V2 Step 1**

**Basic info**

**Path：** /platformapi/chainup/open/user/reg\_and\_login\_v2

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| countryCode | string | no |  | When using phone number must enter country code |  |
| mobileNumber | string | no |  | Phone number and email, fill in at least one |  |
| email | string | no |  | Phone number and email, fill in at least one |  |
| password | string | yes |  |  |  |
| invitedCode | string | no |  | Invitation code |  |
| ip | string | yes |  | User real ip |  |
| device | string | yes |  | The user's unique device id |  |
| quickToken | string | no |  | Shortcut login token |  |
| appKey | string | yes |  |  |  |
| sign | string | yes |  |  |  |
| time | string | no |  | Current time stamp | mock: 1596543185625 |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ uid | string | no |  |  |  |
| ├─ inviteCode | string | no |  |  |  |
| ├─ quickToken | string | no |  |  |  |

**Register+login integrated interface V2 Step 1（Second verification）**

**Basic info**

**Path：** /platform/qunqunLogin.html?appKey=xxx&account=xxx&quickToken=xxx

**Method：** GET

**Interface description：**

Once verified, log in and redirect to the h5 exchange

QuickToken is valid for 1 week, during this one week that quickToken is valid log-in is exempt from verification

**Request parameters**

**Query**

|  |  |  |  |
| --- | --- | --- | --- |
| parameter name | must fill? | example | notes |
| appKey | yes |  |  |
| account | yes | 8613800001111 | Current login account，mobile or email |
| quickToken | yes |  | The first step interface returns quickToken |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |

**Invitation relationship inquiry - superior level**

**Basic info**

**Path：** /platformapi/chainup/open/user/user\_superior

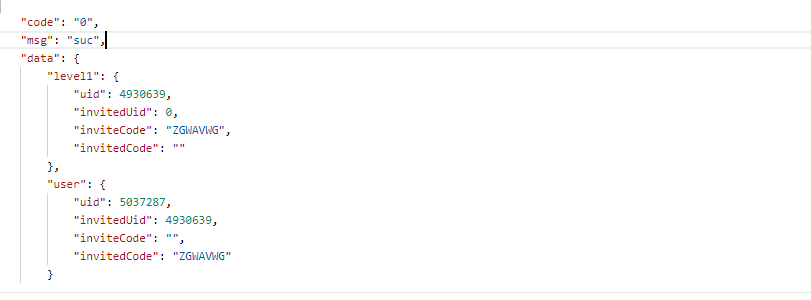
**Method：** POST

**Interface description：**

***Return currently checked all superior levels, highest is five levels***

The following invitation relationship is

uid:5037287 --> uid:4930639



**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| uid | number | yes |  | User uid, and openId with emailOrPhone choose one out of three, priority uid | mock: 10002181 |
| openId | string | yes |  | User uid, and openId with emailOrPhone choose one out of three, priority uid | mock: 32432423 |
| emailOrPhone | string | yes |  | email or address, and uid,openid choose one | mock: 18310479050 |
| sign | string | yes |  |  |  |
| appKey | string | yes |  |  |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ user | object | no |  |  |  |
| ├─ uid | number | no |  | User id |  |
| ├─ inviteCode | string | no |  | Invitation code |  |
| ├─ invitedCode | string | no |  | Invited code |  |
| ├─ invitedUid | number | no |  | Invited Uid |  |
| ├─ level1 | object | no |  |  |  |
| ├─ uid | number | no |  | User id |  |
| ├─ inviteCode | string | no |  | Invitation code |  |
| ├─ invitedCode | string | no |  | Invited code |  |
| ├─ invitedUid | number | no |  | Invited Uid |  |
| ├─ level2 | object | no |  |  |  |
| ├─ uid | number | no |  | User id |  |
| ├─ inviteCode | string | no |  | Invitation code |  |
| ├─ invitedCode | string | no |  | Invited code |  |
| ├─ invitedUid | number | no |  | Invited Uid |  |
| ├─ level3 | object | no |  |  |  |
| ├─ uid | number | no |  | User id |  |
| ├─ inviteCode | string | no |  | Invitation code |  |
| ├─ invitedCode | string | no |  | Invited code |  |
| ├─ invitedUid | number | no |  | Invited Uid |  |
| ├─ level4 | object | no |  |  |  |
| ├─ uid | number | no |  | User id |  |
| ├─ inviteCode | string | no |  | Invitation code |  |
| ├─ invitedCode | string | no |  | Invited code |  |
| ├─ invitedUid | number | no |  | Invited Uid |  |

**Invitation relationship inquiry-subordinate**

**Basic info**

**Path：** /platformapi/chainup/open/user/user\_invite

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | oter info |
| uid | number | yes |  | User uid, and openId with emailOrPhone choose one out of three, priority uid | mock: 10002181 |
| openId | string | yes |  | OpenId, user uid, and openId with emailOrPhone choose one out of three, priority uid | mock: 32432423 |
| emailOrPhone | string | yes |  | email or address, and uid,openid choose one | mock: 18310479050 |
| page | number | no |  | Page turn,if not filled then default is 1 | mock: 1 |
| pageSize | number | no |  | Each page quantity,if not filled then default is 100 | mock: 100 |
| sign | string | yes |  |  |  |
| appKey | string | yes |  |  |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  | return code | mock: 0 |
| msg | string | no |  | return info | mock: suc |
| data | object | no |  |  |  |
| ├─ levelOneCount | number | no |  | first level child | mock: 4 |
| ├─ levelTwoCount | number | no |  | second level child | mock: 9 |
| ├─ cuerrentUser | object | yes |  |  |  |
| ├─ uid | number | yes |  | Current user uid | mock: 10002053 |
| ├─ nickname | string | yes |  | Current user nickname | mock: xuyang |
| ├─ inviteCode | string | yes |  | Current user invitation code | mock: EAAAQATW |
| ├─ invitedUid | number | yes |  | Current user inviter, if doesnt exist will display-1 | mock: -1 |
| ├─ invitedCode | string | yes |  | Current user invited code,if doesnt exist will display string | mock: "' |
| ├─ ctime | string | yes |  |  | mock: 2019-09-02 12:24:36 |
| ├─ userExtInviteVoList | object [] | no |  | Invited users list | item type: object |
| ├─ uid | number | no |  | uid | mock: 10002183 |
| ├─ nickname | string | no |  | nickname | mock: 小明 |
| ├─ inviteCode | string | no |  | Invitation code | mock: XXXXXXXX |
| ├─ level | number | no |  | Level one child | mock: 1 |
| ├─ invitedUid | number | no |  | Inviter uid | mock: 10002181 |
| ├─ invitedNickname | string | no |  | Inviter nickname | mock: 小花 |
| ├─ invitedCode | string | no |  | Inviter invitation code | mock: XXXXXXXX |
| ├─ phone | string | no |  | Phone number | mock: 18310479052 |
| ├─ email | string | no |  | email | mock: 111@163.com |
| ├─ ctime | string | no |  | login time | mock: 2020-08-22 19:40:18 |
| ├─ childLevel | object [] | no |  |  | item 类型: object |
| ├─ uid | number | yes |  | uid | mock: 10002065 |
| ├─ nickname | string | yes |  | nickname | mock: 小明 |
| ├─ inviteCode | string | yes |  | Registration code | mock: XXXXXXXX |
| ├─ level | number | yes |  | Second level child | mock: 2 |
| ├─ invitedUid | number | yes |  | Inviter uid | mock: 10002183 |
| ├─ invitedNickname | string | yes |  | Inviter nickname | mock: 小花 |
| ├─ invitedCode | string | yes |  | Inviter invitation code | mock: XXXXXXXX |
| ├─ phone | string | yes |  | Phone number | mock: 18210479051 |
| ├─ email | string | yes |  | email | mock: 111@163.com |
| ├─ ctime | string | yes |  | login time | mock: 2020-04-09 20:52:26 |

**User assets interface**

**User assets query（single currency）**

**Basic info**

**Path：** /platformapi/chainup/open/ouser/userAccounts

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  | Merchant unique code |  |
| openId | string | yes |  | openId，userId must transfer one，if transmitted together，obtain openId |  |
| userId | string | yes |  | openId，userId must transfer one，if transmitted together，obtain openId |  |
| coinSymbols | string | yes |  | Currency types: e.g. BTC, USDT, BIKI, etc. refer to the currency configuration within the exchange; multiple currencies separate with commas:example："USDT,BTC,ETH" |  |
| assetType | string | no |  | Common used type："201" ：common account balance |  |
| sign | string | yes |  | signature |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ BTCPrecision | string | no |  | coin parameter + precision ： this coin exchange precision |  |
| ├─ accounts | object [] | no |  |  | item type: object |
| ├─ uid | string | yes |  |  |  |
| ├─ balance | string | yes |  | account balance |  |
| ├─ tag | string | yes |  | description |  |
| ├─ type | string | yes |  | Asset serial |  |
| ├─ USDTPrecision | string | no |  | coin parameter + precision ： this coin exchange precision |  |

**Obtain user deposit address**

**Basic info**

**Path：** /platformapi/chainup/open/user/depositAddress

**Method：** POST

**Interface description：**

The user already has a direct return of the deposit address, and if there is no deposit address then create one address and return

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | 必须 |  | Merchant unique serial |  |
| openId | string | 必须 |  | openId，userId must transfer one，if transmitted together，obtain openId |  |
| userId | string | 必须 |  | openId，userId must transfer one，if transmitted together，obtain openId |  |
| coinSymbol | string | 必须 |  | Example ：BTC、USDT |  |
| sign | string | 必须 |  | Signature |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ address | string | no |  | Deposit address |  |
| ├─ meta | string | no |  | Specific currency requirements |  |

**User account balance（all currencies）**

**Basic info**

**Path：** /platformapi/chainup/open/user/accountBalance

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  | appkey |  |
| openId | string | no |  | openId |  |
| userId | number | no |  | User id |  |
| mobileNumber | string | no |  | Phone number |  |
| email | string | no |  | User email (openId,userId,mobileNumber,email) must choose one out of the four |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| message | null | no |  |  |  |
| data | object | no |  |  |  |
| ├─ totalBalance | string | no |  | Total assets |  |
| ├─ totalBalanceSymbol | string | no |  | Total assets currency |  |
| ├─ platformCoin | string | no |  | Platform coins in dividend configuration |  |
| ├─ allCoinMap | object | no |  | The map of all currencies, key is capitalized by currency name, value is the asset detail for each currency, |  |
| ├─ LTC | object | no |  |  |  |
| ├─ walletTransactionOpen | number | no |  | Currency has opened wallet transfer? |  |
| ├─ isFiat | number | no |  | Is it fiat, 0:crypto currency, 1:fiat currency |  |
| ├─ normal\_balance | string | no |  | User spot regular balance |  |
| ├─ allBalance | string | no |  | All balance |  |
| ├─ exchange\_symbol | string | no |  | Trade coin pair |  |
| ├─ present\_coin\_balance | number | no |  | Reward currency account |  |
| ├─ lock\_position\_balance | string | no |  | Lock-up position balance |  |
| ├─ btcValuatin | string | no |  | BTC conversion |  |
| ├─ sort | number | no |  | Currency order |  |
| ├─ depositOpen | number | no |  | Has opened deposit? |  |
| ├─ lock\_grant\_divided\_balance | string | no |  | User token lock-in + mining lock-in account balance |  |
| ├─ total\_balance | string | no |  | Total balance |  |
| ├─ nc\_lock\_balance | string | no |  | User purchasing frozen balance |  |
| ├─ otcOpen | number | no |  | Opened OTC? |  |
| ├─ depositMin | number | no |  | Minimum deposit amount |  |
| ├─ checked | string | no |  | Whether to hide zero assets, default to true |  |
| ├─ coinName | string | no |  | name |  |
| ├─ lock\_balance | string | no |  | frozen amount |  |
| ├─ allBtcValuatin | string | no |  | All converted btc |  |
| ├─ lock\_position\_v2\_amount | string | no |  | User token lock-up account V2 |  |
| ├─ withdrawOpen | number | no |  | Opened withdrawals? |  |
| ├─ overcharge\_balance | string | no |  |  |  |
| ├─ BCH | object | no |  |  |  |
| ├─ walletTransactionOpen | number | no |  |  |  |
| ├─ isFiat | number | no |  |  |  |
| ├─ normal\_balance | string | no |  |  |  |
| ├─ allBalance | string | no |  |  |  |
| ├─ exchange\_symbol | string | no |  |  |  |
| ├─ present\_coin\_balance | number | no |  |  |  |
| ├─ lock\_position\_balance | string | no |  |  |  |
| ├─ btcValuatin | string | no |  |  |  |
| ├─ sort | number | no |  |  |  |
| ├─ depositOpen | number | no |  |  |  |
| ├─ lock\_grant\_divided\_balance | string | no |  |  |  |
| ├─ total\_balance | string | no |  |  |  |
| ├─ nc\_lock\_balance | string | no |  |  |  |
| ├─ otcOpen | number | no |  |  |  |
| ├─ depositMin | number | no |  |  |  |
| ├─ checked | string | no |  |  |  |
| ├─ coinName | string | no |  |  |  |
| ├─ lock\_balance | string | no |  |  |  |
| ├─ allBtcValuatin | string | no |  |  |  |
| ├─ lock\_position\_v2\_amount | string | no |  |  |  |
| ├─ withdrawOpen | number | no |  |  |  |
| ├─ overcharge\_balance | string | no |  |  |  |

**User deposit record**

**Basic info**

**Path：** /platformapi/chainup/open/user/depositRecord

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  | appkey |  |
| openId | string | no |  | openId |  |
| userId | number | no |  | User id |  |
| mobileNumber | string | no |  | Phone number |  |
| email | string | no |  | User email (openId,userId,mobileNumber,email) must choose one out of the four |  |
| pageSize | string | no |  | Each page number(default，20，max 1000，it can hold1000) |  |
| pageNumber | string | no |  | Page number（default1，first page） |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| message | null | no |  |  |  |
| data | object [] | no |  |  | item type: object |
| ├─ symbol | string | no |  | Deposit currency |  |
| ├─ id | number | no |  | Deposit id |  |
| ├─ uid | number | no |  | Deposit user id |  |
| ├─ createdAt | number | no |  | Deposit creation time |  |
| ├─ addressTo | string | no |  | Deposit address |  |
| ├─ amount | string | no |  | Deposit amount |  |
| ├─ txid | string | no |  | txid |  |
| ├─ status | number | no |  | Deposit status 0 pending confirmation，1 complete 2 deposit status abnormal |  |
| ├─ depositType | number | no |  | Deposit type，0 external deposit 1 internal deposit |  |
| ├─ statusDesc | string | no |  | Depsoit status description |  |
| ├─ mobileNumber | string | no |  | User phone number |  |
| ├─ email | string | no |  | Email |  |
| ├─ riskLevel | number | no |  | 0:No Risk Detected 1:Low Risk 2:Medium Risk 3:High Risk |  |

**User withdrawals record**

**Basic info**

**Path：** /platformapi/chainup/open/user/withdrawRecord

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  | appkey |  |
| openId | string | no |  | openId |  |
| userId | number | no |  | User id |  |
| mobileNumber | string | no |  | Phone number |  |
| email | string | no |  | User email (openId,userId,mobileNumber,email)must choose one out of the four |  |
| pageSize | string | no |  | Each page data(default，20，max 1000，it can hold 1000) |  |
| pageNumber | string | no |  | Page number（default1，first page） |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| message | null | no |  |  |  |
| data | object [] | no |  |  | item type: object |
| ├─ symbol | string | no |  | Withdraw currency |  |
| ├─ id | number | no |  | Withdraw id |  |
| ├─ uid | number | no |  | User id |  |
| ├─ createdAt | number | no |  | Withdrawal creation time |  |
| ├─ addressTo | string | no |  | Withdrawal address |  |
| ├─ amount | string | no |  | Withdraw amount |  |
| ├─ txid | string | no |  | txid |  |
| ├─ status | number | no |  | Withdraw status 0 not audited 1 audit passed 2Audit rejected 3 paying，coin sent 4 payment failed 5 complete 6 cancelled |  |
| ├─ statusDesc | string | no |  | Withdrawal status description |  |
| ├─ fee | string | no |  | Fees |  |
| ├─ mobileNumber | string | no |  | Phone number |  |
| ├─ email | string | no |  | Email |  |
| ├─ warningLevel | number | no |  | Risk control alarm level |  |
| ├─ warningLevelDesc | string | no |  | Alarm level display |  |
| ├─ warningTip | string | no |  | Alarm content |  |
| ├─ warningTiplevel | number | no |  | Merchant back-end alarm level display |  |

**User trade query interface**

**Spot order record query interface**

**Basic info**

**Path：** /platformapi/chainup/open/record/orderList

**Method：** POST

**Interface description：**

Check start time and end time cannot exceed 7 days

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/x-www-form-urlencoded | yes |  |  |

**Query**

|  |  |  |  |
| --- | --- | --- | --- |
| parameter name | must fill? | example | notes |
| uid | yes | 123654 | User id |
| symbol | no | btcusdt | Query coin pair |
| appKey | yes | xfnh\_1234 | appKey |
| startDate | no | 43952.5 | Order query initial time |
| endDate | no | 43956.5 | Order query end time |
| page | no | 1 |  |
| pageSize | no | 20 |  |
| sign | yes | 83bd1f23fd5a76e555c2bf3tee585f | Signature |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| data | object | no |  |  |  |
| ├─ count | number | no |  |  |  |
| ├─ list | object [] | no |  |  | item type: object |
| ├─ volume | number | no |  | Order amount |  |
| ├─ symbol | string | no |  | Coin pair |  |
| ├─ dealVolume | number | no |  | Realized amount |  |
| ├─ orderId | number | no |  | Order id |  |
| ├─ totalPrice | number | no |  | Limit price order value |  |
| ├─ price | number | no |  | Limit price order price |  |
| ├─ ctime | string | no |  | Placed order time |  |
| ├─ type | string | no |  | limit= limit order；market=market price order |  |
| ├─ orderSide | string | no |  | SELL=sell；BUY=buy |  |
| ├─ dealMoney | number | no |  | Realized amount |  |
| ├─ status | string | no |  | init=No initial order；new= new order；filled= fully realized order；part filled=partially realized order；canceled= cancelled order；pending cancel= pending cancelled order；expired= abnormal order |  |

**OTC trade record query interface**

**Basic info**

**Path：** /platformapi/chainup/open/user/otcTradeRecord

**Method：** POST

**Interface description：**

**Request parameters**

**Headers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| parameter name | parameter value | must fill? | example | notes |
| Content-Type | application/json | yes |  |  |

**Body**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| appKey | string | yes |  | appkey |  |
| openId | string | no |  | openId |  |
| userId | number | no |  | User id |  |
| mobileNumber | string | no |  | Phone number |  |
| email | string | no |  | User email (openId,userId,mobileNumber,email)must choose one out of the four |  |
| pageSize | string | no |  | Each page data(default，20，max 1000，it can hold 1000) |  |
| pageNumber | string | no |  | Page number（default1，first page） |  |

**Return data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | type | must fill? | default value | notes | other info |
| code | string | no |  |  |  |
| msg | string | no |  |  |  |
| message | null | no |  |  |  |
| data | object [] | no |  |  | item type: object |
| ├─ totalPrice | string | no |  | Add total price |  |
| ├─ payTime | number | no |  | Payment time |  |
| ├─ type | string | no |  | Add type |  |
| ├─ buyerId | number | no |  | Trade type: BUY: buy SELL: sell |  |
| ├─ buyerComment | string | no |  | Buyer comments |  |
| ├─ payCoin | string | no |  | Payment token |  |
| ├─ sellerCommnetGrade | number | no |  | Buyer feedback level 0 good 1 poor |  |
| ├─ coinSymbol | string | no |  | Trade currency |  |
| ├─ sellerId | number | no |  | Seller uid |  |
| ├─ price | string | no |  | Add order price |  |
| ├─ id | number | no |  | Add id |  |
| ├─ isBlockTrade | number | no |  | Is it high amount trade?，0：normal trade，1：high amount trade |  |
| ├─ side | string | no |  | Trade direction BUY: buy SELL: sell |  |
| ├─ sidCid | number | no |  | Seller user id |  |
| ├─ nickName | string | no |  | Nickname |  |
| ├─ advert | object | no |  | Add |  |
| ├─ id | number | no |  | Add id |  |
| ├─ userId | number | no |  | User id |  |
| ├─ status | number | no |  | Add status 1 posting 2 trading 3 expired 4 closed |  |
| ├─ side | string | no |  | Trade type |  |
| ├─ coin | string | no |  | Trade currency (virtual currency)' |  |
| ├─ country | string | no |  | Country |  |
| ├─ paycoin | string | no |  | Payment currency（fiat） |  |
| ├─ payment | string | no |  | Payment method |  |
| ├─ bankname | string | no |  | Bank name |  |
| ├─ priceRate | number | no |  | Trade price and market price ratio |  |
| ├─ priceRateType | number | no |  | Trade price and market price ratio type 1 same as market price 2 higher than 3 lower |  |
| ├─ price | number | no |  | price |  |
| ├─ volume | number | no |  | amount |  |
| ├─ feeRate | number | no |  | Fee rate |  |
| ├─ minTrade | number | no |  | Minimum single trade amount (amount) |  |
| ├─ maxTrade | number | no |  | Maximum single trade amount (amount) |  |
| ├─ beginDate | number | no |  | Start date |  |
| ├─ endDate | number | no |  | End date |  |
| ├─ limitTime | number | no |  | Trade deadline |  |
| ├─ terms | string | no |  | Trade terms |  |
| ├─ description | string | no |  | Payment information |  |
| ├─ authType | string | no |  | Authentication method |  |
| ├─ minvolume | number | no |  | Accumulated minimum trade volume |  |
| ├─ sell | number | no |  | Current add actual selling amount |  |
| ├─ beginTime | number | no |  | Add daily displayed start time |  |
| ├─ endTime | number | no |  | Add daily displayed deadline |  |
| ├─ ctime | number | no |  | Creation date |  |
| ├─ personalFeeDiscount | number | no |  | Personal fee discount, 1 means no discount |  |
| ├─ dealVolume | number | no |  |  |  |
| ├─ muid | number | no |  | Lsst updating person |  |
| ├─ mtime | number | no |  | Modification time |  |
| ├─ autoReply | string | no |  | Automatic response message |  |
| ├─ openType | string | no |  | Add opening method DEFAULT:system viewable default time 30 days,CUSTOM:user sets viewable time |  |
| ├─ numberCode | string | no |  | Country code |  |
| ├─ companyId | number | no |  | User id，0 display SAAS general platform |  |
| ├─ isBlockTrade | number | no |  | Is it large amount trade? |  |
| ├─ adsOwner | number | no |  | Add owner id |  |
| ├─ adsId | number | no |  | Add id |  |
| ├─ sellerComment | string | no |  | Seller feedback |  |
| ├─ buyerCommentGrade | number | no |  | Seller feedback level 0 good 1 poor, default is good |  |
| ├─ volume | string | no |  | Adds quantity |  |
| ├─ bidCid | number | no |  | Buyer merchant id |  |
| ├─ sequence | string | no |  | OTC order code |  |
| ├─ realName | string | no |  | KYC |  |
| ├─ feeAmount | string | no |  | Fees quota |  |
| ├─ paySymbol | string | no |  | Payment currency，with payCoin the same， |  |
| ├─ createTime | number | no |  | Creation time |  |
| ├─ status\_text | string | no |  | Trading add status description status\_unfinished: unfinished status\_finished: finished otc.status1.buy.pending: payment pending otc.status1.sell.pending: buyer payment pending otc.status2.buy.paid: pending seller release token otc.status2.sell.paid: pending token release |  |
| ├─ status | number | no |  | Tradig add order status payment pending1 paid 2 Trade completed 3 cancelled 4 complaint 5 sending tokens 6 abnormal order7 |  |