EMOKIT 根据情绪返回人物图像接口

接口URL：

<http://api-phone.emokit.com/phonebook/ReturnModinfo/GetModinfo.do>

入参：

emoCode 情绪识别代码

sex 性别 男／女

出参：

RESULT： 父节点

icon： 人物头像

story： 三国／红楼梦

sid： 备用

icon\_desc: 人物名 例如诸葛亮

icon\_detail: 人物介绍

emo\_sex: 情绪性别

emo\_desc: 情绪描述

STATUS： 0 成功 ，1 失败

示例：

[{"RESULT":{"icon":"http://datastorage.emokit.com:8080/group1/M00/00/00/ezlUXFYA9XyALsATAAYLjj4O8o4965.jpg","story":"???","sid":"HLM\_018","icon\_desc":"???","emo\_desc":"????????????","emo\_sex":"1","icon\_detail":"?????????????????????????????????????????????????????????????"},"STATUS":0}]

表情接口利用专用算法进行了签名：

算法如下：

import java.io.UnsupportedEncodingException;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Iterator;

import java.util.List;

import java.util.Map;

import java.util.Set;

import com.alibaba.fastjson.JSON;

import com.alibaba.fastjson.JSONObject;

public class PackSign {

public List Sortstr(List<String> maplist) {

for (int key = 1; key < maplist.size(); key++) {

for (int key1 = 0; key1 < key; key1++) {

String keystr1 = maplist.get(key1);

String keystr = maplist.get(key);

int len1 = keystr1.length();

int len2 = keystr.length();

int length = len1 < len2 ? len1 : len2;

int i1 = 0;

while (i1 < length) {

if (keystr1.charAt(i1) < keystr.charAt(i1)) {

break;

}

if (keystr1.charAt(i1) > keystr.charAt(i1)) {

maplist.set(key1, keystr);

maplist.set(key, keystr1);

break;

}

i1++;

}

}

}

return maplist;

}

private static Map parserToMap(String s) {

Map map = new HashMap();

JSONObject json = JSONObject.parseObject(s);

Set<String> keyall = json.keySet();

Iterator<String> keys = keyall.iterator();

while (keys.hasNext()) {

String key = (String) keys.next();

String value = json.get(key).toString();

if ( ( value.startsWith("{") && value.endsWith("}") )|| (value.startsWith("[") &&value.endsWith("]")) ) {

// map.put(key, parserToMap(value));

continue;

} else

map.put(key, value);

}

return map;

}

public String packsign(String datas, String key) {

String data="";

try {

data = new String(datas.getBytes(),"UTF-8");

} catch (UnsupportedEncodingException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

Map<String, String> map = parserToMap(data);

List entry = new ArrayList<String>(map.keySet());

List returnlist = Sortstr(entry);

String signstr = "";

for (int jj = 0; jj < returnlist.size(); jj++) {

signstr += returnlist.get(jj) + map.get(returnlist.get(jj));

}

MD5 md = new MD5();

String my = key; // "98cd22f6f90141f8f1876dd2f5a27ea5";

String resultsign = signstr.toString() + my;

String sign = md.encrypByMd5(resultsign);

return sign;

}

public String packsign(Map<String, String> map, String key) {

List entry = new ArrayList<String>(map.keySet());

List returnlist = Sortstr(entry);

String signstr = "";

for (int jj = 0; jj < returnlist.size(); jj++) {

signstr += returnlist.get(jj) + map.get(returnlist.get(jj));

}

MD5 md = new MD5();

String my = key; // "98cd22f6f90141f8f1876dd2f5a27ea5";

String resultsign = signstr.toString() + my;

String sign = md.encrypByMd5(resultsign);

return sign;

}

}

具体调用示例：

**protected** String getPackSign(String jsonString) {

PackSign packSign = **new** PackSign();

String signString = packSign.packsign(jsonString, Constant.*NETWORK\_KEY*);

JSONObject jsonObject = JSONObject.*parseObject*(jsonString);

jsonObject.put("sign", signString);

**return** jsonObject.toJSONString();

}