货币兑换接口文档

1. 数据来源

聚合数据提供的货币汇率接口，支持人民币牌价、外汇汇率查询，本项目利用的是人民币牌价。

1. API接口介绍

接口地址：http://web.juhe.cn:8080/finance/exchange/rmbquot

支持格式：json

请求方式：get

请求示例：

http://web.juhe.cn:8080/finance/exchange/rmbquot?key=申请的APPKEY

接口备注：100外币兑人民币

请求参数说明：



API测试返回内容：

{

"error\_code":0,

"resultcode":"200",

"reason":"SUCCESSED!",

"result":[

{

"data1":{

"bankConversionPri":"694.6300", /\*银行折算价/中间价\*/

"date":"2016-12-04", /\*发布日期\*/

"fBuyPri":"693.9400", /\*现汇买入价\*/

"fSellPri":"696.7200", /\*现汇卖出价\*/

"mBuyPri":"688.2400", /\*现钞买入价\*/

"mSellPri":"696.7200", /\*现钞卖出价\*/

"name":"美元", /\*货币名称\*/

"time":"12:55:02" /\*发布时间\*/

},

"data2":{

"bankConversionPri":"725.2000",

"date":"2016-12-04",

"fBuyPri":"723.9900",

"fSellPri":"729.0700",

"mBuyPri":"701.4400",

"mSellPri":"729.0700",

"name":"欧元",

"time":"12:55:02"

},

"data3":{

"bankConversionPri":"89.5000",

"date":"2016-12-04",

"fBuyPri":"89.4200",

"fSellPri":"89.7600",

"mBuyPri":"88.7000",

"mSellPri":"89.7600",

"name":"港币",

"time":"12:55:02"

},

"data4":{

"bankConversionPri":"5.9126",

"date":"2016-12-04",

"fBuyPri":"5.9090",

"fSellPri":"5.9505",

"mBuyPri":"5.7250",

"mSellPri":"5.9505",

"name":"日元",

"time":"12:55:02"

},

"data5":{

"bankConversionPri":"853.7600",

"date":"2016-12-04",

"fBuyPri":"849.5600",

"fSellPri":"855.5300",

"mBuyPri":"823.1100",

"mSellPri":"855.5300",

"name":"英镑",

"time":"12:55:02"

},

"data6":{

"bankConversionPri":"501.8300",

"date":"2016-12-04",

"fBuyPri":"496.4400",

"fSellPri":"499.9200",

"mBuyPri":"480.9800",

"mSellPri":"499.9200",

"name":"澳大利亚元",

"time":"12:55:02"

},

"data7":{

"bankConversionPri":"515.4300",

"date":"2016-12-04",

"fBuyPri":"511.5100",

"fSellPri":"515.1000",

"mBuyPri":"495.3300",

"mSellPri":"515.3600",

"name":"加拿大元",

"time":"12:55:02"

},

"data8":{

"bankConversionPri":"19.3100",

"date":"2016-12-04",

"fBuyPri":"19.2300",

"fSellPri":"19.3900",

"mBuyPri":"18.6400",

"mSellPri":"19.9800",

"name":"泰国铢",

"time":"12:55:02"

},

"data9":{

"bankConversionPri":"479.1800",

"date":"2016-12-04",

"fBuyPri":"478.6500",

"fSellPri":"482.0100",

"mBuyPri":"463.8900",

"mSellPri":"482.0100",

"name":"新加坡元",

"time":"12:55:02"

},

"data10":{

"bankConversionPri":"97.5600",

"date":"2016-12-04",

"fBuyPri":"97.2700",

"fSellPri":"98.0500",

"mBuyPri":"94.2700",

"mSellPri":"98.0500",

"name":"丹麦克朗",

"time":"12:55:02"

},

"data11":{

"bankConversionPri":"75.3500",

"date":"2016-12-04",

"fBuyPri":"75.1600",

"fSellPri":"75.7600",

"mBuyPri":"72.8400",

"mSellPri":"75.7600",

"name":"瑞典克朗",

"time":"12:55:02"

},

"data12":{

"bankConversionPri":"677.4500",

"date":"2016-12-04",

"fBuyPri":"674.7200",

"fSellPri":"679.4600",

"mBuyPri":"653.9000",

"mSellPri":"679.4600",

"name":"瑞士法郎",

"time":"12:55:02"

},

"data13":{

"bankConversionPri":"79.7400",

"date":"2016-12-04",

"fBuyPri":"79.5100",

"fSellPri":"80.1500",

"mBuyPri":"77.0600",

"mSellPri":"80.1500",

"name":"挪威克朗",

"time":"12:55:02"

},

"data14":{

"bankConversionPri":"87.0700",

"date":"2016-12-04",

"fBuyPri":"86.9800",

"fSellPri":"87.3100",

"mBuyPri":"84.0500",

"mSellPri":"90.1100",

"name":"澳门元",

"time":"12:55:02"

},

"data15":{

"bankConversionPri":"11.3900",

"date":"2016-12-04",

"fBuyPri":"11.3100",

"fSellPri":"11.4100",

"mBuyPri":"10.6200",

"mSellPri":"11.8400",

"name":"卢布",

"time":"12:55:02"

},

"data16":{

"bankConversionPri":"0.5776",

"date":"2016-12-04",

"fBuyPri":"0.5756",

"fSellPri":"0.5802",

"mBuyPri":"0.5554",

"mSellPri":"0.6013",

"name":"韩国元",

"time":"12:55:02"

},

"data17":{

"bankConversionPri":"155.7000",

"date":"2016-12-04",

"fBuyPri":"155.3000",

"fSellPri":"156.4000",

"mBuyPri":null,

"mSellPri":null,

"name":"林吉特",

"time":"12:55:02"

},

"data18":{

"bankConversionPri":"479.8300",

"date":"2016-12-04",

"fBuyPri":"475.7100",

"fSellPri":"479.0500",

"mBuyPri":"461.0400",

"mSellPri":"484.9200",

"name":"新西兰元",

"time":"12:55:02"

},

"data19":{

"bankConversionPri":"13.9100",

"date":"2016-12-04",

"fBuyPri":"13.9200",

"fSellPri":"14.0400",

"mBuyPri":"13.4900",

"mSellPri":"14.6900",

"name":"菲律宾比索",

"time":"12:55:02"

},

"data20":{

"bankConversionPri":"21.6400",

"date":"2016-12-04",

"fBuyPri":null,

"fSellPri":null,

"mBuyPri":"20.8900",

"mSellPri":"22.5200",

"name":"新台币",

"time":"12:55:02"

},

"data21":{

"bankConversionPri":"49.4900",

"date":"2016-12-04",

"fBuyPri":"49.3800",

"fSellPri":"49.7200",

"mBuyPri":"45.5900",

"mSellPri":"53.5100",

"name":"南非兰特",

"time":"12:55:02"

}

}

]

}

1. 调用接口

经过查询相关资料可知，本项目需要用到的数据有货币名称、现汇卖出价、发布日期。

实现在界面上显示所要数据的简单例子：

AsyncHttpClient client = new AsyncHttpClient();

String url =

"http://web.juhe.cn:8080/finance/exchange/rmbquot?key=8d573ae59a15f9d61a4f1024a282cf8c";

client.get(getApplicationContext(),url,newJsonHttpResponseHandler(){

@Override

public void onSuccess(int statusCode, Header[] headers, JSONObject response) {

super.onSuccess(statusCode, headers, response);

// response为返回的JSON对象

System.out.println(response.toString());

// 获得 response 中的 result 属性

try {

JSONArray result = response.getJSONArray("result");

JSONObject data = result.getJSONObject(0);

for(int i = 0; i<20 ;i++){

int k = i + 1;

String j = "" + k;

JSONObject data0 = data.getJSONObject("data"+j);

if(data0.getString("name").equals("韩国元")){

String output = data0.getString("name") + "\n"

/\*货币名称\*/

+ data0.getString("fSellPri") + "\n"

/\*现汇卖出价\*/

+ data0.getString("date");/\*发布日期\*/

et2.setText(output);

}

}

} catch (JSONException e) {

e.printStackTrace();

}

}

});

1. 具体项目中的代码





