Epay sdk（C#版）使用说明

# 文件列表

epay

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|--Service References

|--ServiceReference ----------易票联账户注册webservice引用

|--serviceReferenceDsf ----------代收付webservice引用

|--dll ----------json处理动态库

|--lib

|--Config.cs ----------配置文件

|--其它文件 ----------sdk必要文件

|--service

|--PaycenterService ----------订单类接口服务类

|--app.config ----------webservice自动生成的配置文件

|--Program.cs ----------接口测试类

# 使用步骤

## 系统参数配置

* 将lib包、service包及dll包引入到项目
* 添加webservice引用：易票联账户和代收付webservice
* 打开Config.cs修改对应的参数

## 使用步骤

1. 进行2.1系统参数配置
2. 封装请求参数
3. 调用网关接口发起请求

获得请求返回，根据返回结果进行业务处理

## 接入示例

### 易票联账户注册

EpayAccountData data = new EpayAccountData();

//必填参数

data.SetValue("PackId", "144566644165");

data.SetValue("RegNo", "300006");

data.SetValue("Pwd", "123456");

data.SetValue("UserName", "百百购");

data.SetValue("AccType", "01");

data.SetValue("MobileNo", "15013008136");//regNo 为03时必须填写真实号码

//可选参数

data.SetValue("CertType", "00");

data.SetValue("CertId", "");

data.SetValue("Addr", "");

data.SetValue("ContactMan", "");

data.SetValue("ZipCode", "510000");

data.SetValue("TelNo", "");

data.SetValue("FaxNo", "");

data.SetValue("Email", "");

data.SetValue("MobNo", "15013008136");

data.SetValue("Memo", "");

EpayService es = new EpayService();

EpayAccountData responseData = es.AccountRegister(data);

### 代收付批量付款

DsfData dsfData = new DsfData();

//必填参数

dsfData.SetHeaderValue("trackNo", "1446546841885");//商户生成系统唯一跟踪号

dsfData.SetBodyValue("payCardNo", "6008000014893051");

dsfData.SetBodyValue("payPass", "888888");

dsfData.SetBodyValue("batchNo", "2228");

dsfData.SetBodyValue("totalNum", "1");

dsfData.SetBodyValue("totalFee", "1");

List<Transfer> list = new List<Transfer>();

Transfer t1 = new Transfer();

t1.SetValue("sn", "1");

t1.SetValue("amount", "1");

t1.SetValue("recCardNo", "0103000005016811");

//可选参数

//t1.SetValue("recAccName", "aa");

//t1.SetValue("mobNo", "13966668888");

//t1.SetValue("summary", "转账");

list.Add(t1);

EpayService es = new EpayService();

DsfData responseData = es.batchPayToEpay(dsfData, list);

### 代收付查询交易详细

DsfData dsfData = new DsfData();

dsfData.SetHeaderValue("trackNo", "144325648946");//商户生成系统唯一跟踪号

dsfData.SetBodyValue("cardNo", "6008000014893051");

dsfData.SetBodyValue("tranCardNo", "0103000005016811");

dsfData.SetBodyValue("orderNo", "123456");

dsfData.SetBodyValue("batchNo", "2228");

dsfData.SetBodyValue("beginDate", "20141012");

dsfData.SetBodyValue("endDate", "20151229");

dsfData.SetBodyValue("busiCode", "1");

dsfData.SetBodyValue("status", "1");

dsfData.SetBodyValue("sfType", "1");

dsfData.SetBodyValue("pageSize", "5");

dsfData.SetBodyValue("nextId", "1");

dsfData.SetBodyValue("page", "1");

EpayService es = new EpayService();

DsfData responseData = es.queryDetail(dsfData);

### 支付网关批量订单支付

PaycenterData paycenterData = new PaycenterData();

paycenterData.SetValue("batch\_no", "1");

Order order = new Order();

order.SetValue("batch\_no", "12224");

order.SetValue("total\_amount", "0.03");//格式：元.分

order.SetValue("total\_count", "1");

List<OrderDetail> details = new List<OrderDetail>();

OrderDetail detail1 = new OrderDetail();

detail1.SetValue("mer\_order\_no", "144565469871");

detail1.SetValue("pay\_card\_no", "6008000014893051");

detail1.SetValue("pay\_password", "888888");

detail1.SetValue("pay\_amount", "0.03");

detail1.SetValue("pay\_currency", "RMB");

detail1.SetValue("goods\_amount", "0.01");

detail1.SetValue("goods\_currency", "RMB");

detail1.SetValue("tax\_amount", "0.01");

detail1.SetValue("tax\_currency", "RMB");

detail1.SetValue("freight\_amount", "0.01");

detail1.SetValue("freight\_currency", "RMB");

detail1.SetValue("user\_id", "002");

detail1.SetValue("user\_name", "夏四华");

detail1.SetValue("user\_cert\_type", "00");

detail1.SetValue("user\_cert\_no", "421023198811058434");

//选填参数

detail1.SetValue("bank\_code", "epay");

detail1.SetValue("bank\_account", "2329");

detail1.SetValue("user\_mobile", "15013008136");

details.Add(detail1);

EpayService es = new EpayService();

PaycenterData responseData = es.batchOrderPay(paycenterData, order, details);

### 网关批量支付订单查询

PaycenterData paycenterData = new PaycenterData();

paycenterData.SetValue("batch\_no", "12224");

EpayService es = new EpayService();

PaycenterData responseData = es.batchOrderQuery(paycenterData);

### 支付凭证报关状态查询

CustomsData customsData = new CustomsData();

customsData.SetValue("orderNo", "4536464201287");

customsData.SetValue("payDate", "2015-11-24");

customsData.SetValue("page", "9");

customsData.SetValue("queryPayNo", "12");

//customsData.SetValue("pageSize","5"); 默认每页20条

EpayService es = new EpayService();

List<SortedDictionary<string, object>> responseData = es.orderCustomsQuery(customsData);

### 卡余额批量查询

CustomsData customsData = new CustomsData();

customsData.SetValue("cardNoList", "0101222222555389|0101222222569300");

EpayService es = new EpayService();

List<SortedDictionary<string, object>> responseData = es.balanceQuery(customsData);

### 海关申报

CustomsData customsData = new CustomsData();

customsData.SetValue("payNo", "201512091405200000000716");

customsData.SetValue("merchantCode", "130");

customsData.SetValue("payAmount", "3");

customsData.SetValue("payCurr", "RMB");

customsData.SetValue("goodsAmount", "1");

customsData.SetValue("goodsCurr", "RMB");

customsData.SetValue("taxAmount", "1");

customsData.SetValue("taxCurr", "RMB");

customsData.SetValue("freight", "1");

customsData.SetValue("freightCurr", "RMB");

customsData.SetValue("bankCode", "1212121212");

customsData.SetValue("bankAccno", "4545454545454");

customsData.SetValue("userId", "121212");

customsData.SetValue("userName", "你的");

customsData.SetValue("userCertType", "01");

customsData.SetValue("userCertNo", "15454545454545");

customsData.SetValue("userMobile", "1234567891");

customsData.SetValue("merOrderNo", "1449641119799G0");

customsData.SetValue("payTime", "2016-02-12 13:00:00");

customsData.SetValue("systemId", "2");

//选填参数

customsData.SetValue("customsNo", "001");

EpayService es = new EpayService();

List<SortedDictionary<string, object>> responseData = es.CustomReport(customsData);

## 主要类文件功能说明

EpayService.cs

1、易票联账户注册

输入：注册参数实体

输出：响应注册参数实体

public EpayAccountData AccountRegister(EpayAccountData data)

2、代收付批量付款到易票联

输入：交易参数 data

交易明细列表trans

输出：付款结果参数

public DsfData batchPayToEpay(DsfData data,List<Transfer> trans)

3、代收付批量付款查询

输入：代收付查询请求参数

输出：查询结果参数

public DsfData queryDetail(DsfData data)

4、支付网关批量订单支付

输入：支付系统参数data

支付订单总体信息 order

支付订单详细列表 orderDetails

输出：支付结果参数

public PaycenterData batchOrderPay(PaycenterData data, Order order, List<OrderDetail> orderDetails)

5、支付网关批量订单支付查询

输入：查询请求参数

输出：查询结果参数

public PaycenterData batchOrderQuery(PaycenterData data)

6、支付凭证报关查询

输入： 查询请求参数

输出： 查询结果参数

public List<SortedDictionary<string, object>> orderCustomsQuery(CustomsData data)

6、卡余额批量查询

输入： 查询请求参数

输出： 查询结果参数

public List<SortedDictionary<string, object>> balanceQuery(CustomsData data)

7、海关申报

输入： 查询请求参数

输出： 查询结果参数

public List<SortedDictionary<string, object>> CustomReport(CustomsData data)