

Epay API Description Document

V5.0

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Introduction

A detailed description of all the open APIs of Epay will be authorized in the Epay system when the interface is first invoked. The IP address for accessing the interface will also be set.

I. Create Epay Voucher

1.functional description

User create Epay voucher at current account,the value of Epay voucher can not be exceeded current account balance.

The voucher value and the charges are deducted from your current account after the voucher succeeded created.

2.access address

<http://api.epay.com/openApi/eVoucherCreation>

3.input parameters

Name	Type	Description	Necessar y or Not
user_account	String(19)	user account	Y
evou_money	Number(18,2)	purchasing amount	Y
currency_code	String(3)	currency code	Y
sign	String(32)	sign(md5(user_account+API_KEY))	Y

4.return

Name	Type	Description	Necessar y or Not
return_code	Number(49)	return code(trade success)	Y
return_msg	String(100)	return message	Y
evou_pwd	Number(20)	voucher password	Y
evou_no	String(20)	voucher code	Y

5. return JSON example

{

```
—"return_code": "0000",  
—"return_msg": "true",  
—"evou_pwd": 96355976,  
—"evou_no": "EBB1G2CD11DF"  
}
```

6.error code

return_msg—detailed description

II. Activated Epay Voucher

1.functional description

When Epay voucher is activated, the voucher value will be deposited into the target currency account.

2. access address

<http://api.epay.com/openApi/eVoucherActivation>

3. input parameter

Name	Type	Description	Necessar y or Not
user_account	String(19)	user account	¥
payee	String(50)	payee(payee email)	¥
evou_pwd	Number(20)	voucher password	¥
evou_no	String(20)	voucher code	¥
sign	String(32)	sign{md5(user_account+API_KEY) }}	¥

4. return result

Name	Type	Description	Necessar y or Not
return_code	Number(49)	return code(trade success)	¥

return_msg	String(100)	return message	Y
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5.return JSON example

```
{
  "return_code": "0000",
  "return_msg": "true"
}
```

6.error code

return_msg detail description

III. Query Epay Voucher

1.functional description

Gets all the Epay vouchers created by current user (excluding the activated Epay vouchers of others)

2. access address

<http://api.epay.com/openApi/eVoucherListing>

3. input parameters

Name	Type	Description	Necessar y or Not
user_account	String(19)	user account	Y
evou_money	Number(18,2)	voucher amount	N
currency_code	Number(20)	currency code	N
evou_no	String(3)	voucher code	N
page_size	Number	size in per page (default 20)	N
page_num	Number	current page (default 1)	N
sign	String(32)	sign{md5(user_account+API_KEY)} }}	Y

4. return result

Name	Type	Description	Necessar y or Not
return_code	Number	return code	Y
return_msg	String	return message	Y
page_count	Number	total page	Y

total_row	Number	total row	¥
evou_list	List	voucher Info. list	¥
evou_list.evou_no	String	voucher code	¥
evou_list.evou_pwd	Number	voucher password	¥
evou_list.evou_money	Number	voucher amount	¥
evou_list.user_buy_date	Date	created time	¥
evou_list.status	Number	status (0: Available,1: Activated)	¥
evou_list.currency_code	String	currency code	¥

5. return JSON example

```
{
  "return_code": "0000",
  "return_msg": "true",
  "page_count": 6,
  "total_row": 16,
  "evou_list": [
    {
      "evou_no": "EA22A2ADGHE2",
      "evou_pwd": "52861769",
      "evou_money": "100.00",
      "user_buy_date": "2014-09-05 17:23:56",
      "status": "1",
      "currency_code": "USD"
    },
    {
      "evou_no": "EA22A2BCAEHB",
      "evou_pwd": "86213128",
      "evou_money": "100.00",
      "user_buy_date": "2014-09-05 17:25:20",
      "status": "0",
      "currency_code": "USD"
    }
  ]
}
```



```
    },
    {
      "evou_no": "EA22A2B2CE2C",
      "evou_pwd": "53106425",
      "evou_money": "100.00",
      "user_buy_date": "2014-09-05 17:26:32",
      "status": "0",
      "currey_code": "USD"
    }
  }
}
```

6.error code

return_msgdetailed description

IV. Pay

1.functional description

The payer initiates a funds transfer to the payee.

2.access address

<http://api.epay.com/openApi/spend>

3.input parameter

Name	Type	Description	Necessar y or Not
user_account	String(19)	user account	Y
payee	String(19)	payee	Y
amount	Number(18,2)	transfer amount	Y
currey_code	String(3)	currency code	Y
code	String(20)	Verification code (null represents the current transaction is normal payment; Non-null represents the current transaction need verification code and payee can only receive the money to enter verification	N

		code.)	
remark	String(100)	payment remark	N
sign	String(32)	sign{md5(user_account+API_KEY)} }	Y

4. return result

Name	Type	Description	Necessary or Not
return_code	Number(49)	return code(0000 trade success)	Y
return_msg	String(100)	return message	Y
tran_id	Number	transaction batch number(trade success return)	Y

5.return JSON example

```
{
  "return_code": "0000",
  "return_msg": "true",
  "tran_id": "1411872525693"
}
```

6.error code

return_msgdetailed description

V. Verification code Collection

1.functional description

Payee receive the payment with enter the verification code provided by payer.

2access address

<http://api.epay.com/openApi/protectionCodeConfirmation>

3.input parameter

Name	Type	Description	Necessary or Not
user_account	String(19)	user account	Y

tran_id	Number	transaction batch number	¥
code	String	verification code	¥
sign	String(32)	sign(md5(user_account+API_KEY))	¥

4. return result

Name	Type	Description	Necessar y or Not
return_code	Number(49)	return code(0000trade success)	¥
return_msg	String(100)	return message	¥
tran_id	Number	transaction batch number (trade success return)	¥

5. return JSON example

```
{
  "return_code": "0000",
  "return_msg": "true",
  "tran_id": "1411872525693"
}
```

6.error code

return_msg detailed description

VI. Query Transaction

1.functional description

To gain all the transaction records of current user's account.

2.access address

<http://api.epay.com/openApi/accountHistory>

3.input parameter

Name	Type	Description	Necessar y or Not
user_account	String(19)	user account	Y
status	Number(18,2)	transaction status(2. Sent,3.paid,4. Rejected,5.canceled)	N

type	Number(20)	transaction type(1.payment,2 receivables 3.bill,4.deposit, 5. withdrawal, 6.currency exchange)	N
tran_id	Number	transaction batch number	N
begin_create_time	String	Start time	N
end_create_time	String	end time	N
page_size	Number	No. of each page (default 20)	N
page_num	Number	current page (default 1)	N
sign	String(32)	sign{ md5(user_account+API_KEY) }	Y
payment_id	String(50)	Merchant transaction code	N

4. return result

Name	Type	Description	Necessar y or Not
return_code	Number	return code(transaction success)	Y
return_msg	String	return message	Y
page_count	Number	total page	Y
total_row	Number	total row	Y
tran_list	List	transaction Info. list	Y
tran_list. tran_id	Number	transaction batch number	Y
tran_list.payment_id	String	Merchant transaction code	N
tran_list . payer	String	payer email	Y
tran_list . payee	String	payee email	Y
tran_list. amount	Number(18,2)	transaction amount	Y
tran_list. currcy_code	String	currency code	Y
tran_list. code	String	verification code	N
tran_list. status	Number	transaction status(2. Sent,3.paid,4. Rejected,5.canceled)	Y
tran_list. type	Number	transaction type(1.payment,2 receivables 3.bill,4.deposit, 5. withdrawal, 6.currency exchange)	Y
tran_list. created_date	Number	created time	Y
tran_list. remark	Number	payment remark	N

5.return JSON example

```
{
  "return_code": "0000",
  "return_msg": "true",
  "page_count": 46,
  "total_row": 138,
  "tran_list": [
    {
      "tran_id": "1409908530443",
      "payer": "243664473@qq.com",
      "payee": "viper@yopmail.com",
      "amount": "100.00",
      "currcy_code": "USD",
      "code": "",
      "status": "3",
      "type": "1",
      "created_date": "2014-09-05 17:15:30",
      "remark": "00"
    },
    {
      "tran_id": "1409909635965",
      "payer": "243664473@qq.com",
      "payee": "viper@yopmail.com",
      "amount": "100.00",
      "currcy_code": "USD",
      "code": "",
      "status": "3",
      "type": "1",
      "created_date": "2014-09-05 17:33:55",
      "remark": "11"
    },
    {
      "tran_id": "1409994045186",
      "payer": "243664473@qq.com",
      "payee": "594584188@qq.com",
```

```

    "amount": "10.05",
    "currency_code": "USD",
    "code": "",
    "status": "2",
    "type": "1",
    "created_date": "2014-09-06 17:01:04",
    "remark": ""
  }
]
}

```

6.error code

return_msg detailed description

VII. Query Exchange Rate

1.functional description

Get the current exchange rate provided by Epay system

2.access address

<http://api.epay.com/openApi/exchangeRates>

3.input parameters

Name	Type	Description	Necessar y or Not
user_account	String(19)	user account	¥
sign	String(32)	sign(md5(user_account+API_KEY))	¥

4.return result

Name	Type	Description	Necessar y or Not
return_code	Number	return code(transaction success)	¥
return_msg	String	return message	¥
rates_list	List	Rate Info. list	¥
rates_list.from_currency_code	String	original currency code	¥
rates_list.to_currency_code	Number(18,2)	target currency code	¥

rates_list.rates	String	exchange rate	¥
------------------	--------	---------------	---

5. return JSON example

```
{
  "return_code": "0000",
  "return_msg": "true",
  "rates_list": [
    {
      "from_currency_code": "USD",
      "to_currency_code": "CNY",
      "rates_value": "6.134000"
    },
    {
      "from_currency_code": "HKD",
      "to_currency_code": "CNY",
      "rates_value": "0.792200"
    },
    {
      "from_currency_code": "HKD",
      "to_currency_code": "USD",
      "rates_value": "0.128900"
    },
    {
      "from_currency_code": "USD",
      "to_currency_code": "HKD",
      "rates_value": "7.756400"
    },
    {
      "from_currency_code": "USD",
      "to_currency_code": "GBP",
      "rates_value": "0.613200"
    },
    {
      "from_currency_code": "USD",
      "to_currency_code": "EUR",

```

———"rates_value": "0.784200"

——}

—}

}

6.error code

return_msg detailed description

VIII. Query Balance

1.functional description

Get current user's each currency account balance

2.access address

<http://api.epay.com/openApi/accountBalance>

3.input parameter

Name	Type	Description	Necessar y or Not
user_account	String(19)	user account	Y
sign	String(32)	sign{md5(user_account+API_KEY))}	Y

4. return result

Name	Type	Description	Necessar y or Not
return_code	Number	return code(transaction success)	Y
return_msg	String	return message	Y
account_list	List	account balance list	Y
account_list. currcy_code	String	original currency code	Y
account_list. money	Number(18,2)	account balance	Y

5.Return JSON example

```
{  
  "return_code": "0000",  
  "return_msg": "true",  
  "account_list": [  
    {  
      "currcy_code": "USD",  
      "money": 100.00  
    },  
    {  
      "currcy_code": "EUR",  
      "money": 100.00  
    }  
  ]  
}
```



```
{
  "currency_code": "USD",
  "money": "7963.21"
}
]
```

6.error code

return_msg etailed description

IX. Withdraw

1.functional description

Withdraw the Epay account balance to E-currency accounts like WebMoney, Perfect Money, OKPAY, PayPal or Payeer ect.

2. access address

<http://api.epay.com/openApi/withdraw>

3. input parameter

Name	Type	Description	Necessar y or Not
user_account	String(50)	user account	Y
amount	String(50)	withdraw amount	Y
currency_code	String(50)	currency code	Y
payee	String(50)	E-currency withdraw account	Y
remark	String(50)	withdraw remark	N
eleType	String(50)	eleType (1-Perfect Money; 2-Webmoney; 3-OKPAY; 4-Payeer ; 5-PayPal)	Y
payment_id	String(50)	Merchant transaction code	Y
sign	String(50)	sign{md5(payment_id+userAccount+payee+amount+currency_code+eleType+api_key)}	Y

4. Return result

Name	Type	Description	Necessar y or Not
------	------	-------------	----------------------

return_code	Number	return code(transaction success)	Y
return_msg	String	return message	Y
tran_info	Info	transaction Info. list	Y
tran_info.tran_id	Number	transaction batch number	Y
tran_info.payment_id	String	Merchant transaction code	Y
tran_info.user_account	String	Epay withdraw account	Y
tran_info.payee	String	E-currency withdraw account	Y
tran_info.amount	Number(18,2)	transaction amount	Y
tran_info.currecy_code	String	currency code	Y
tran_info.status	Number	transaction status (0-pending, 1-failed, 2-completed) ;	Y
tran_info.created_date	String	created time	Y
tran_info.remark	String	withdraw remark	N

5. Return JSON example

```
{
  "return_code":"0000",
  "return_msg":"success",
  "tran_info":
  {
    "created_date":"20170419153225",
    "amount":"0.01",
    "currecy_code":"USD",
    "user_account":"243664473@qq.com",
    "remark":"test","status":"0",
    "payee":"243664473@qq.com",
    "payment_id":"123456",
    "tran_id":"E10022685"
  }
}
```

6. error code

return_msg etailed description