

# 黑马理财系统

## 系统信息

- 系统路径: <http://user-p2p-test.itheima.net>

## 一、登录注册

### 获取图片验证码

#### 基本信息

- Path: /common/public/verifycode1/{r}
- Method: GET
- 接口描述:

#### 请求参数

#### URL参数

- r: 随机数, 示例: 0.1426580900762553

#### 返回数据

- 响应状态码: 200
- 返回数据: 图片

### 获取短信验证码

#### 基本信息

- Path: /member/public/sendSms
- Method: POST
- 接口描述:

#### 请求参数

#### headers

参数名称	参数值	是否必填	示例	备注
Content-Type	application/x-www-form-urlencoded			
Cookie	JSESSIONID=99679F2B755D2C			

#### body

参数名称	类型	是否必填	示例	备注
phone	string	是		手机号
imgVerifyCode	string	是		验证码
type	string	是	reg	类型[reg:注册]

## 返回数据

- 响应状态码：200
- 状态码描述：
  - 200：短信发送成功
  - 100：图片验证码错误

```
1 发送成功: {"status":200,"description":"短信发送成功"}
2 发送失败: {"status":100,"description":"图片验证码错误"}
```

## 注册

### 基本信息

- Path: /member/public/reg
- Method: POST
- 接口描述:

### 请求参数

#### headers

参数名称	参数值	是否必填	示例	备注
Content-Type	application/x-www-form-urlencoded			
Cookie	JSESSIONID=99679F2B755D2C			

#### body

参数名称	类型	是否必填	默认值	备注
phone	string	是		手机号
password	string	是		密码
verifycode	string	是		图片验证码
phone_code	string	是		手机验证码
dy_server	string	是	on	是否同意协议[on/off]
invite_phone	string	否		邀请人

## 返回数据

- 响应状态码: 200
- 状态码描述:
  - 200: 注册成功, {"status":200,"description":"注册成功"}
  - 100: 图片验证码错误, {"status":100,"description":"验证码错误!"}
  - 100: 短信验证码错误, {"status":100,"description":"验证码错误"}
  - 100: 手机已存在, {"status":100,"description":"手机已存在!"}
  - 100: 密码不能为空, {"status":100,"description":"密码不能为空"}
  - 100: 请同意我们的条款, {"status":100,"description":"请同意我们的条款"}

## 登录

### 基本信息

- Path: /member/public/login
- Method: POST
- 接口描述:

### 请求参数

### headers

参数名称	参数值	是否必填	示例	备注
Content-Type	application/x-www-form-urlencoded			

### body

参数名称	类型	是否必填	示例	备注
keywords	string	是		手机号
password	string	是		密码

## 返回数据

- 响应状态码: 200
- 状态码描述:
  - 200: 登录成功, `{"status":200,"description":"登录成功"}`
  - 100: 用户不存在, `{"status":100,"description":"用户不存在"}`
  - 100: 密码不能为空, `{"status":100,"description":"密码不能为空"}`
  - 100: 密码错误1次, `{"status":100,"description":"密码错误1次,达到3次将锁定账户"}`
  - 100: 密码错误2次, `{"status":100,"description":"密码错误2次,达到3次将锁定账户"}`
  - 100: 密码错误3次, `{"status":100,"description":"由于连续输入错误密码达到上限, 账号已被锁定, 请于1.0分钟后重新登录"}`

## 是否登录

### 基本信息

- Path: `/member/public/islogin`
- Method: POST
- 接口描述: 判断是否登录

### 返回数据

- 响应状态码: 200
- 状态码描述:
  - 200: 已登录, `{"status":200,"description":"OK"}`
  - 250: 未登陆, `{"status":250,"description":"您未登陆!"}`

## 开通账户

### 实名认证

#### 基本信息

- Path: `/member/realname/approverealname`
- Method: POST
- 接口描述:

请求参数

headers

参数名称	参数值	是否必填	示例	备注
Content-Type	multipart/form-data			
Cookie	JSESSIONID=99679F2B755D2C			

body

参数名称	类型	是否必填	默认值	备注
realname	string	是		真实姓名
card_id	string	是		身份证号

返回数据

- 响应状态码：200
- 状态码描述：
  - 200：提交成功，`{"status":200,"data":{"card_id":"110****21X","realname":"李**"},"description":"提交成功!"}`
  - 100：姓名不能为空，`{"status":100,"description":"姓名不能为空"}`
  - 100：身份证号不能为空，`{"status":100,"description":"身份证号不能为空"}`

获取认证信息

基本信息

- Path：/member/member/getapprove
- Method:POST
- 接口描述：

请求参数

- 无

返回数据

- 响应状态码：200
- 响应数据：

```
1 {
2   "is_email_open": "-1",
3   "lastlogin_time": "1581056542",
4   "group_status": "",
```

```
5     "is_auth_user": "-1",
6     "is_realname_open": "2",
7     "is_corp": "-1",
8     "business_license": "",
9     "realname_remark": "sadf",
10    "card_id": "513****049",
11    "realname": "莫**",
12    "isCert": "2",
13    "realname_card": "1",
14    "pay_pwd": "",
15    "phone": "130****5678",
16    "realname_status": "1",
17    "trustType": "chinapnr",
18    "pwd": "1",
19    "email": "",
20    "is_trust": "1"
21 }
```

## 开户

### 基本信息

- Path: /trust/trust/register
- Method: POST
- 接口描述:

### 请求参数

- 无

### 返回数据

- 响应状态码: 200
- 返回响应数据:

```

1 {
2   "status": 200,
3   "description": {
4     "form": "<form name='easypaysubmit' id='easypaysubmit' target='_blank'
method='post' action='http://mertest.chinapnr.com/muser/publicRequests'><input
name='Version' type='hidden' value='10'/><input name='CmdId' type='hidden'
value='UserRegister'/><input name='MerCustId' type='hidden'
value='6000060007313892'/><input name='BgRetUrl' type='hidden'
value='https://www.baidu.com/'><input name='RetUrl' type='hidden'
value='http://dev-
www.zcbk.deayou.com/trust/chinapnr/register/return/20011318124917315444'/>
<input name='UsrId' type='hidden' value=''><input name='UsrName'
type='hidden' value=''><input name='IdType' type='hidden' value='00'/><input
name='IdNo' type='hidden' value='51343620000113288X'/><input name='UsrMp'
type='hidden' value='13210001001'/><input name='UsrEmail' type='hidden'
value=''><input name='MerPriv' type='hidden' value='20011318124917315444'/>
<input name='ChkValue' type='hidden'
value='1784F61D7A6FDB0C900808DEA6DCEA882A138E731234473B84CB2829DF2B66FF032E406
97D9668DC4B054A2790BDCF1EF32D2DB4B807CAF7F89829BE7C10520C3AF44DEF8EA2DDD07141C
49DDEC147ECEC6A3D8E7E3B751D5308171AB3131668D19822D7F05E2E7CAAC5DB1F5744821B4A8
B439E9A4335614B6A2CD8E3467DE5'/><input name='CharSet' type='hidden'
value='UTF-8'/></form><script>document.forms['easypaysubmit'].submit();
</script>"
5   }
6 }

```

## 第三方开户接口

### 基本信息

- Path: `http://mertest.chinapnr.com/muser/publicRequests`
- Method: `POST`
- 接口描述:

### 请求参数

### headers

参数名称	参数值	是否必填	示例	备注
Content-Type	application/x-www-form-urlencoded			

### body

参数名称	类型	是否必填	示例	备注
Version	string	是	10	版本号
CmdId	string	是	UserRegister	消息类型
...	...			

返回数据

- 响应状态码：200

充值

获取充值验证码

基本信息

- Path: /common/public/verifycode/{r}
- Method:GET
- 接口描述:

请求参数

URL参数

- r: 随机数, 示例: 0.1426580900762553

返回数据

- 响应状态码：200
- 返回数据：图片

充值

基本信息

- Path: /trust/trust/recharge
- Method:POST
- 接口描述:

请求参数

headers



参数名称	参数值	是否必填	示例	备注
Content-Type	application/x-www-form-urlencoded			
Cookie	JSESSIONID=99679F2B755D2C			

## body

参数名称	类型	是否必填	默认值	备注
paymentType	string	是	chinapnrTrust	充值类型
amount	string	是		充值金额
formStr	string	是	reForm	
valicode	string	是		验证码

## 返回数据

- 响应状态码：200
- 状态码描述：
  - 200：
  - 100：验证码错误

```

1 {
2   "status": 200,
3   "description": {
4     "form": "<form name='easypaysubmit' id='easypaysubmit' target='_blank'
method='post' action='http://mertest.chinapnr.com/muser/publicRequests'><input
name='Version' type='hidden' value='10'/><input name='CmdId' type='hidden'
value='UserRegister'/><input name='MerCustId' type='hidden'
value='6000060007313892'/><input name='BgRetUrl' type='hidden'
value='https://www.baidu.com/'><input name='RetUrl' type='hidden'
value='http://dev-
www.zcbk.deayou.com/trust/chinapnr/register/return/20011318124917315444'/>
<input name='UsrId' type='hidden' value=''><input name='UsrName'
type='hidden' value=''><input name='IdType' type='hidden' value='00'/><input
name='IdNo' type='hidden' value='51343620000113288X'/><input name='UsrMp'
type='hidden' value='13210001001'/><input name='UsrEmail' type='hidden'
value=''><input name='MerPriv' type='hidden' value='20011318124917315444'/>
<input name='ChkValue' type='hidden'
value='1784F61D7A6FDB0C900808DEA6DCEA882A138E731234473B84CB2829DF2B66FF032E406
97D9668DC4B054A2790BDCF1EF32D2DB4B807CAF7F89829BE7C10520C3AF44DEF8EA2DDD07141C
49DDEC147ECEC6A3D8E7E3B751D5308171AB3131668D19822D7F05E2E7CAAC5DB1F5744821B4A8
B439E9A4335614B6A2CD8E3467DE5'/><input name='CharSet' type='hidden'
value='UTF-8'/></form><script>document.forms['easypaysubmit'].submit();
</script>"
5   }
6 }

```

## 三方充值

- 1 请求url: form表单 action值
- 2 请求参数: 所有input标签name属性, 值为name属性值

## 投资

### 投资

#### 基本信息

- Path: /trust/trust/tender
- Method: POST
- 接口描述:

#### 请求参数

#### headers

参数名称	参数值	是否必填	示例	备注
Content-Type	application/x-www-form-urlencoded			
Cookie	JSESSIONID=99679F2B755D2C			

## body

参数名称	类型	是否必填	默认值	备注
id	int	是		产品id
depositCertificate	int	是	-1	
amount	int	是		金额

## 返回数据

- 响应状态码：200
- 状态码描述：
  - 200：
  - 100：
    - 投资金额不能为空
    - 投资密码不能为空

```

1 {
2   "status": 200,
3   "description": {
4     "form": "<form name='easypaysubmit' id='easypaysubmit' target='_blank'
method='post' action='http://mertest.chinapnr.com/muser/publicRequests'><input
name='Version' type='hidden' value='20'/><input name='CmdId' type='hidden'
value='InitiativeTender'/><input name='MerCustId' type='hidden'
value='6000060007313892'/><input name='OrdId' type='hidden'
value='20011310425477231138'/><input name='OrdDate' type='hidden'
value='20200113'/><input name='TransAmt' type='hidden' value='500.00'/><input
name='UshrCustId' type='hidden' value='6000060011480141'/><input
name='MaxTenderRate' type='hidden' value='0.20'/><input name='BorrowerDetails'
type='hidden'
value='[{\"BorrowerCustId\": \"6000060011478653\", \"BorrowerAmt\": \"500.00\", \"
BorrowerRate\": \"0.90\", \"ProId\": \"\"}]'/><input name='IsFreeze'
type='hidden' value='Y'/><input name='FreezeOrdId' type='hidden'
value='20011310425477231138'/><input name='RetUrl' type='hidden'
value='http://dev-
www.zcbk.deayou.com/trust/chinapnr/tender/return/20011310425477231138'/><input
name='BgRetUrl' type='hidden' value='https://www.baidu.com/'/><input
name='MerPriv' type='hidden' value=''/><input name='ReqExt' type='hidden'
value=''/><input name='ChkValue' type='hidden'
value='7B516A12B6FB6FC997FDEC3A42AE15C53BFD8223440BF7CCD7505E06B11FA18661F8232
71FE087E2565E21365825D1EB84FE2C7F4D8E9B5383A895B42620C28AA089F816FD2CAE8CD188D
70C5538E57AC7AA7DB9510F2285BB7BB9C57FB106DEA4328549391BF3C7910EDD3EEED35BD7456
93DB327F624AF35E86808D66E217C'/><input name='CharSet' type='hidden'
value='UTF-8'/></form><script>document.forms['easypaysubmit'].submit();
</script>"
5   }
6 }

```

## 三方投资

- 1 请求url: form表单 action值
- 2 请求参数: 所有input标签name属性, 值为name属性值

## 我的投资列表

### 基本信息

- Path: /loan/tender/mytenderlist
- Method: POST
- 接口描述:

### 请求参数

### headers

参数名称	参数值	是否必填	示例	备注
Content-Type	application/x-www-form-urlencoded			
Cookie	JSESSIONID=99679F2B755D2C			

## body

参数名称	类型	是否必填	默认值	取值范围	备注
page	int	否	1		页码
status	enum	否		recover: 回款中; tender: 投标中; recover_yes: 已结清; over: 已流标	状态

## 返回数据

- 响应状态码: 200
- 返回响应体

```

1  {
2    "isCert": "2",
3    "recover_amount_yes_total": 0,
4    "recover_amount_wait_total": 0,
5    "total_items": 2,
6    "page": 1,
7    "items": [{
8      "award_amount": "0.00",
9      "auto_status": "-1",
10     "recover_count": "0",
11     "transfer_status": "-1",
12     "cancel_count": "0",
13     "recover_interest": "0.00",
14     "recover_interest_yes": 0,
15     "deposit_certificate": "-1",
16     "recover_prepayment_fee": "0.00",
17     "recover_count_yes": "0",
18     "loan_member_name": "15810553242",
19     "id": "115",
20     "amount": "1000.00",
21     "status_name": "投标中",
22     "ind": "20011311303536360743",
23     "recover_status": "-1",
24     "repay_type": "4",

```

```

25     "transfer_member_name": "",
26     "serialno": "202001130001",
27     "tenderId": "115",
28     "recover_principal": "0.00",
29     "voucher_amt": "0.00",
30     "status": "-2",
31     "transfer_member_id": "0",
32     "trust_status": "-2",
33     "loan_name": "借款A",
34     "member_id": "243",
35     "add_ip": "2130706433",
36     "recover_overdue_fee": "0.00",
37     "loan_member_id": "148",
38     "award_interest": 0.0,
39     "recover_amount": 0,
40     "recover_amount_yes": "0.00",
41     "add_time": "1578886264",
42     "member_name": "13210001000",
43     "loanId": "84",
44     "recover_principal_yes": "0.00",
45     "loan_id": "84"
46 }, {
47     "award_amount": "0.00",
48     "auto_status": "-1",
49     "recover_count": "0",
50     "transfer_status": "-1",
51     "cancel_count": "0",
52     "recover_interest": "0.00",
53     "recover_interest_yes": 0,
54     "deposit_certificate": "-1",
55     "recover_prepayment_fee": "0.00",
56     "recover_count_yes": "0",
57     "loan_member_name": "15810553242",
58     "id": "114",
59     "amount": "500.00",
60     "status_name": "投标中",
61     "ind": "20011311270692883343",
62     "recover_status": "-1",
63     "repay_type": "4",
64     "transfer_member_name": "",
65     "serialno": "202001130001",
66     "tenderId": "114",
67     "recover_principal": "0.00",
68     "voucher_amt": "0.00",
69     "status": "-2",
70     "transfer_member_id": "0",
71     "trust_status": "-2",
72     "loan_name": "借款A",
73     "member_id": "243",

```

```
74     "add_ip": "2130706433",
75     "recover_overdue_fee": "0.00",
76     "loan_member_id": "148",
77     "award_interest": 0.0,
78     "recover_amount": 0,
79     "recover_amount_yes": "0.00",
80     "add_time": "1578886036",
81     "member_name": "13210001000",
82     "loanId": "84",
83     "recover_principal_yes": "0.00",
84     "loan_id": "84"
85   }],
86   "isStartTime": "yes",
87   "total_pages": 1,
88   "epage": 6,
89   "tender_amount_total": 1500.00,
90   "recover_amount_total": 0
91 }
```