Account

Account - account

Get one account information

`GET, DELETE`

```
/accounts/[id]/
```

Permission: zijin

Auth-Hearder

Field	Type	Description
Authorization	String	token [your token].

GET-Response

Field	Type	Description
name	String	account name
username	String	username
exchange	String	account exchange
id	String	account id null
position	object	custom data
money	object	custom data

- GET-Response: [#success-examples-Account-Get__deleteAccountsId-0_1_0-0]

```
{
    "id": "CSRPME75512345",
    "name": "75512345",
    "username": "admin",
    "exchange": "CSRPME",
    "money": null,
    "position": null
}
```

Account - accounts

Get all accounts information or create one account by auth user

`GET, POST`

```
/accounts/
```

Permission: zijin

Auth-Hearder

Field	Type	Description
Authorization	String	token [your token].

POST-Hearder

Field	Type	Description
Content-Type	String	be "application/x-www-form-urlencoded"

POST-Request

Field	Type	Description
name	String	account name
password	String	account password
exchange	String	exchange code, "CSRPME" or "CTP"

GET-Response

Field	Type	Description
accounts	object[]	list of account detail
name	String	account name
username	String	username
exchange	String	account exchange
id	String	account id null
position	object	custom data
money	object	custom data

- GET-Response: [#success-examples-Account-Get__postAccounts-0_1_0-0]
- POST-Response: [#success-examples-Account-Get__postAccounts-0_1_0-1]

```
[
    {
        "id": "CSRPME75512345",
        "name": "75512345",
        "username": "admin",
        "exchange": "CSRPME",
        "money": {
            "INMONEY": "0.00",
            "FINANCING": "905.65",
            "ASSETNETVALUE": "911.11",
            "FREEZEMONEY": "0.00",
            "ENABLEMONEY": "820.54",
            "FIRMID": "75512345",
            "ASSETTOTALVALUE": "1816.76",
            "ENABLEOUTMONEY": "0.00",
            "SAFERATE": "0.4985",
            "FDATE": "20170327",
```

```
            "OUTMONEY": "0.00",
            "FINANMARKETVAL": "0.00",
            "PICKGOODVALUE": "684.69",
            "BALANCEMONEY": "0.00",
            "BAILMONEY": "0.00"
        },
        "position": [
            {
                "GOODSNUM": "44",
                "RZMONEY": "0.00",
                "SAVGPRICE": "0.00",
                "SWARENAME": "白银",
                "FIRMID": "75512345",
                "CONSULTCOST": "40.98",
                "BAVGPRICE": "40.98",
                "GOODSVALUE": "1816.76",
                "RHNUMBER": "0",
                "RHVALUE": "0.00",
                "FLATSCALE": "0.76",
                "CONSULTMARKVAL": "1816.76",
                "CONSULTFLAT": "13.78",
                "NEWPRICE": "41.29",
                "WAREID": "AG"
            }
        ]
    }
]
```

```
{
    "id": "CSRPME75512345",
    "name": "75512345",
    "username": "admin",
    "exchange": "CSRPME",
    "money": null,
    "position": null
}
```

Datas

Datas - MarketDatas

Get MarketDatas`s tick, bar, indicator and trade dates.

GET

`/market_datas/`

Permission: zijin

Auth-Hearder

Field	Type	Description
Authorization	String	token [your token].

GET-Request

Field	Type	Description
exchange	String	exchange code
symbol	String	symbol code

Field	Type	Description
type	String	type code, 'tick', 'bar', 'indicator' or 'trade_date'
trade_date	String	trade date you required, like '1984-01-01'

GET-Response

Field	Type	Description
datas	object[]	, data format by required type

- GET-Response: [#success-examples-Datas-GetMarket_datas-0_1_0-0]

```
[
    //bar data format
    {
        "open": 41.33,
        "high": 41.33,
        "low": 41.33,
        "close": 41.33,
        "datetime": "2017-03-27T16:30:54",
        "trade_date": "2017-03-27T00:00:00",
        "volume": 9420092.0
    },
    //indicator data format
        {
                "DEMA": null,
                "EMA5": 41.3819999999999,
                "RSI": null,
                "KDJ": [
                        null,
                        null
                ],
                "EMA30": null,
                "BBANDS": [
                        41.396966629680115,
                        41.3819999999999,
                        41.36703337031987
                ],
                "STOCHRSI": [
                        null,
                        null
                ],
                "symbol": "D1_AG",
                "WILLR": null,
                "EMA60": null,
                "datetime": "2017-03-28T16:46:08",
                "MACD": [
                        null,
                        null,
                        null
                ],
                "ATR": null,
                "MOM": null,
                "trade_date": "2017-03-28",
                "OBV": 25180072.0,
                "SAR": 41.370799999999996,
                "EMA10": null,
                "exchange": "CSRPME"
        },
    // trade_date data format
    "2017-03-27T00:00:00",
        "2017-03-28T00:00:00",
        "2017-03-29T00:00:00"
]
```

Datas - StrategyDatas

Get StrategyDatas`s order, log, statistics and trade_date.

`/strategy_datas/`

Permission: zijin

Auth-Hearder

Field	Type	Description
`Authorization`	String	token [your token].

GET-Request

Field	Type	Description
`strategy_id`	String	strategy id
`symbol`	String	symbol code
`type`	String	type code, 'order', 'log', 'statistics' or 'trade_date'
`trade_date`	String	trade date you required, like '1984-01-01'

GET-Response

Field	Type	Description
`datas`	object[]	, data format by required type

- GET-Response: [#success-examples-Datas-GetStrategy_datas-0_1_0-0]

```
[
    // log format
        {
                "content": "hi from test strategy",
                "datetime": "2017-03-29 10:37:51.743000"
        },
    // order format
    {
                "id": "58db1da66c50141a2d226bc5",
                "trade_date": "2017-03-29 00:00:00",
                "symbol": "D1_AG",
                "exchange": "CSRPME",
                "strategy_id": "58da1c696c50140a477de298",
                "price": 0.0,
                "volume": 1.0,
                "type": "buy",
                "datetime": "2017-03-29 10:37:51.769000",
                "status": 1,
                "traded_volume": 1.0
        },
    // statistics format
    {
        "ror": 0.0,
        "row": 0.0,
        "ror_real": 0.0,
        "row_real": 0.0
    }
]
```

Script

Script - script

Get or delete one class information

`GET, DELETE`

```
/scripts/[id]/
```

Permission: zijin

Auth-Hearder

Field	Type	Description
Authorization	String	token [your token].

GET-Response

Field	Type	Description
id	String	global id
mode	String	script mode, 'trade' or 'predict'
username	String	username name
code	String	code string
name	String	code name
datetime	String	code create datetime
predict_format	Object[]	predict format, for predict strategy script
predict_information	Object	predict information, for predict strategy script

- GET-Response: [#success-examples-Script-Get__deleteScriptsId-0_1_0-0]

```json
{
    "id": "58e4b5e36c5014c64bdc9efe",
    "name": "test",
    "code": "simple code string",
    "mode": "predict",
    "username": "admin",
    "datetime": "2017-04-05T17:16:19.539830",
    "predict_format": [
        {
            "name": "int",
            "type": "int"
        },
        {
            "name": "float",
            "type": "float"
        },
        {
            "name": "string",
            "type": "string"
        },
        {
            "name": "bool",
            "type": "bool"
        }
    ],
    "predict_information": {
```

```
        "info": "hi"
    }
}
```

Script - scripts

Get all class or create one class by auth user

`GET, POST`

```
/scripts/
```

Permission: zijin

Auth-Hearder

Field	Type	Description
Authorization	String	token [your token].

POST-Hearder

Field	Type	Description
Content-Type	String	be "application/x-www-form-urlencoded" or "multipart/form-data; boundary=----WebKitFormBoundaryMKm8t9haq5pW9W8Z"

POST-Request

Field	Type	Description
name	String	code class_name
mode	String	script mode, 'trade' or 'predict'
code	File	code file or code string
predict_format	String	predict format json string, list of dict - {"name": "", "type": "", "information": "not requried"}, for predict mode strategy script
predict_information	String	predict information json string, custom data format, for predict mode strategy script

GET-Response

Field	Type	Description
scripts	object[]	list of class detail
id	String	global id
name	String	name
mode	String	script mode, 'trade' or 'predict'
username	String	username

Field	Type	Description
datetime	String	format example:
predict_format	Object[]	predict format, for predict strategy script
predict_information	Object	predict information, for predict strategy script

POST-Response

Field	Type	Description
id	String	global id
username	String	username name
code	String	code string
name	String	code name
datetime	String	code create datetime
mode	String	script mode, 'trade' or 'predict'
predict_format	Object[]	predict format, for predict strategy script
predict_information	Object	predict information, for predict strategy script

- GET-Response: [#success-examples-Script-Get__postScripts-0_1_0-0]
- POST-Response: [#success-examples-Script-Get__postScripts-0_1_0-1]

```json
[
    {
        "id": "58e4b5e36c5014c64bdc9efe",
        "name": "test",
        "mode": "predict",
        "username": "admin",
        "datetime": "2017-04-05T17:16:19.539830",
        "predict_format": [
            {
                "name": "int",
                "type": "int"
            },
            {
                "name": "float",
                "type": "float"
            },
            {
                "name": "string",
                "type": "string"
            },
            {
                "name": "bool",
                "type": "bool"
            }
        ],
        "predict_information": {
            "info": "hi"
        }
    }
]
```

```
{
    "id": "58e4b5e36c5014c64bdc9efe",
    "name": "test",
    "mode": "predict",
    "username": "admin",
    "datetime": "2017-04-05T17:16:19.539830",
    "predict_format": [
        {
            "name": "int",
            "type": "int"
        },
        {
            "name": "float",
            "type": "float"
        },
        {
            "name": "string",
            "type": "string"
        },
        {
            "name": "bool",
            "type": "bool"
        }
    ],
    "predict_information": {
        "info": "hi"
    }
}
```

Strategy

Strategy - strategy

Get, patch or delete one class information. The status code of strategy means the status: -2 deleted, -1 for error, 0 for loading, 1 for loaded, 2 for start, 3 for stop, 4 for run over

`GET, PATCH, DELETE`

```
/strategys/[id]/
```

Permission: zijin

Auth-Hearder

Field	Type	Description
Authorization	String	token [your token].

PATCH-Request

Field	Type	Description
status	int	the status want to change

GET-Response

Field	Type	Description
id	String	global id
username	String	creator`s username

Field	Type	Description
name	String	name
script_id	String	script`s global id
account_id	String	account`s global id or None
exchange	String	exchange code
symbol	String	symbol code
status	int	status code, see strategys api
multiple	int	multiple number
file_info	String	json string of file infomation
error	string	strategy`s runtime error
mode	string	"realtime" or "backtest"
script_mode	String	script mode, 'trade' or 'predict'

- GET-Response: [#success-examples-Strategy-Get__patch__deleteStrategysId-0_1_0-0]

```
{
    "id": "58da1c696c50140a477de298",
    "name": "test",
    "username": "admin",
    "status": 4,
    "symbol": "D1_AG",
    "exchange": "CSRPME",
    "script_id": "58da1c696c50140a477de296",
    "mode": "realtime",
    "script_mode": "trade",
    "multiple": 1,
    "start": null,
    "end": null,
    "error": null,
    "datetime": "2017-03-28T16:18:49.205000"
}
```

Strategy - strategys

Get all strategy or create one by auth user

`GET, POST`

```
/strategys/
```

Permission: zijin

Auth-Hearder

Field	Type	Description

Authorization	String	token [your token].

POST-Hearder

Field	Type	Description
Content-Type	String	be "application/x-www-form-urlencoded" or "multipart/form-data; boundary=----WebKitFormBoundaryMKm8t9haq5pW9W8Z"

POST-Request

Field	Type	Description
name	String	strategy name
script_id	String	script global id
account_id	String	account global id or None
exchange	String	exchage code
symbol	String	symbol code
mode	String	mode code, 'realtime' or 'backtest'
start	String	start date, like '1984-01-01', for backtest strategy
end	String	end date
multiple	int	multiple number
file `optional`	File	rely file
file_info `optional`	String	json string of file infomation

GET-Response

Field	Type	Description
strategys	object[]	list of strategy detail
id	String	global id
username	String	username
name	String	name
script_id	String	script global id
account_id	String	account`s global id or None

Field	Type	Description
exchange	String	exchange code
symbol	String	symbol code
datetime	String	create datetime
file_info	String	json string of file infomation
mode	String	mode code
script_mode	String	script mode, 'trade' or 'predict'
error	String	error information
start	String	start start date, for backtest
end	String	end end date
status	int	status code , -1 for error, 0 for loading, 1 for loaded, 2 for running, 3 for stoped
multiple	int	multiple number
id	String	global id
username	String	username
name	String	name
script_id	String	script global id
account_id	String	account`s global id or None
exchange	String	exchange code
symbol	String	symbol code
datetime	String	create datetime
file_info	String	json string of file infomation
mode	String	mode code
script_mode	String	script mode, 'trade' or 'predict'

Field	Type	Description
error	String	error information
start	String	start start date, for backtest
end	String	end end date
status	int	status code , -1 for error, 0 for loading, 1 for loaded, 2 for running, 3 for stoped
multiple	int	multiple number

- GET-Response: [#success-examples-Strategy-Get__postStrategys-0_1_0-0]
- POST-Response: [#success-examples-Strategy-Get__postStrategys-0_1_0-1]

```
[
    {
        "id": "58da1c696c50140a477de298",
        "name": "test",
        "username": "admin",
        "status": 4,
        "symbol": "D1_AG",
        "exchange": "CSRPME",
        "script_id": "58da1c696c50140a477de296",
        "account_id": null,
        "mode": "realtime",
        "multiple": 1,
        "start": null,
        "end": null,
        "error": null,
        "datetime": "2017-03-28T16:18:49.205000"
    }
]
```

```
{
    "id": "58db1da66c50141a2d226bc6",
    "name": "test",
    "username": "admin",
    "status": 1,
    "symbol": "D1_AG",
    "exchange": "CSRPME",
    "script_id": "58da1c696c50140a477de296",
    "mode": "backtest",
    "multiple": 1,
    "start": "2017-03-27",
    "end": "2017-03-29",
    "error": null,
    "datetime": "2017-03-29T10:36:22.940044"
}
```

user

user - token

Get token by user name and password

POST

```
/api-token-auth/
```

Permission: None

POST-Hearder

Field	Type	Description
Content-Type	String	be "application/x-www-form-urlencoded"

POST-Request

Field	Type	Description
username	String	user name
password	String	user password

- POST-Response: [#success-examples-user-PostApiTokenAuth-0_1_0-0]

```
{
    "token": "dc6919df420e245f6069949b1d54f75e86546d43"
}
```

user - user

Get one user information by auth user, patch or delete one user with admin permission

`GET, PATCH, DELETE`

```
/users/[username]/
```

Permission: None

PATCH-Hearder

Field	Type	Description
Content-Type	String	be "application/x-www-form-urlencoded"

Auth-Hearder

Field	Type	Description
Authorization	String	token [your token].

PATCH-Request

Field	Type	Description
status	int	0 - cancel zijin permission or 1 - add zijin permission

GET-Response

Field	Type	Description
username	String	user user name
email	String	user email
is_admin	Bool	is admin?

Field	Type	Description
is_zijin	Bool	is zijin?

- GET-Response: [#success-examples-user-Get__patch__deleteUsersUsername-0_1_0-0]

```
{
    "username": "dowhyme",
    "is_admin": false,
    "email": "1014392035@qq.com",
    "is_zijin": true
}
```

user - users

Get all users information by auth user or create one user

`GET, POST`

```
/users/
```

Permission: None

POST-Hearder

Field	Type	Description
Content-Type	String	be "application/x-www-form-urlencoded"

POST-Request

Field	Type	Description
username	String	user name
password	String	user password
email	String	user email

GET-Response

Field	Type	Description
users	object[]	list of user detail
username	String	user user name
email	String	user email
is_admin	Bool	is admin?
is_zijin	Bool	is zijin?

POST-Response

Field	Type	Description

username	String	user name
email	String	user email

- GET-Response: [#success-examples-user-Get__postUsers-0_1_0-0]
- POST-Response: [#success-examples-user-Get__postUsers-0_1_0-1]

```
[
    {
        "username": "dowhyme",
        "is_admin": false,
        "email": "1014392035@qq.com",
        "is_zijin": true
    },
    {
        "username": "JJ",
        "is_admin": false,
        "email": "2895307927@qq.com",
        "is_zijin": true
    }
]
```

```
{
    "username": "wmy",
    "email": "wmy@hh.com"
}
```