

用户使用指南

安装

从PyPI安装

```
pip install lixinger-openapi
```

从Github安装

```
pip install git+http://github.com/ShekiLyu/lixinger-openapi.git
```

从PyPI更新

```
pip install --upgrade lixinger-openapi
```

从Github更新

```
pip install --upgrade git+http://github.com/ShekiLyu/lixinger-openapi.git
```

接口列表

接口名	接口功能
set_token	设置token
query_json	查询数据(json格式)
query_dataframe	查询数据(dataframe格式)

使用方法

引入包

```
In [7]:
import lixinger_openapi as lo
```

加载token

```
In [2]:
lo.set_token("your_token")
```

set_token会目录下生成token.cfg文件保存token，所以在当前目录只需加载一次。如果不想写token.cfg文件，可以如下设置：

In [8]:

```
lo.set_token("your_token", write_token=False)
```

查询（使用理杏仁开放平台上的示例）

A股公司基本面数据

json格式

In [15]:

```
json_rlt = lo.query_json('a.stock.fundamental',
    {
        "date": "2018-01-19",
        "stockCodes": [
            "000028",
            "600511"
        ],
        "metrics": [
            "pe_ttm",
            "mc"
        ]
    })
print(json_rlt)
```

```
{'data': [{'date': '2018-01-19T00:00:00+08:00', 'pe_ttm': 21.0465685
99508507, 'stockCode': '000028', 'mc': 26663748314.4}, {'date': '201
8-01-19T00:00:00+08:00', 'pe_ttm': 21.459988206744743, 'stockCode':
'600511', 'mc': 20346751061}], 'code': 0, 'msg': 'success'}
```

dataframe格式

In [19]:

```
dataframe_rlt = lo.query_dataframe('a.stock.fundamental',
    {
        "date": "2018-01-19",
        "metrics": ["pe_ttm", "mc"],
        "stockCodes": ["000028", "600511"]
    })
print('code: ' + str(dataframe_rlt['code']))
print('\ndata:')
print(dataframe_rlt['data'])
print('\nmsg: ' + dataframe_rlt['msg'])
```

code: 0

data:

	date	mc	pe_ttm	stockCode
0	2018-01-19T00:00:00+08:00	2.666375e+10	21.046569	000028
1	2018-01-19T00:00:00+08:00	2.034675e+10	21.459988	600511

msg: success

A股指数基本信息

json格式

In [20]:

```
json_rlt = lo.query_json('a.indice', {
    "stockCodes": [
        "000016"
    ]
})
print(json_rlt)
```

```
{'data': [{'source': 'sh', 'cnName': '上证50', 'publishDate': '2004-01-01T16:00:00.000Z', 'stockCode': '000016', 'areaCode': 'cn', 'market': 'a'}], 'code': 0, 'msg': 'success'}
```

dataframe格式

In [21]:

```
dataframe_rlt = lo.query_dataframe('a.indice', {
    "stockCodes": [
        "000016"
    ]
})
print('code: ' + str(dataframe_rlt['code']))
print('\ndata:')
print(dataframe_rlt['data'])
print('\nmsg: ' + dataframe_rlt['msg'])
```

code: 0

data:

	areaCode	cnName	market	publishDate	source	stockCode
0	cn	上证50	a	2004-01-01T16:00:00.000Z	sh	000016

msg: success