

requests参数化-csv文件-完整版

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1  目的:
2  把csv文件中的中文词汇翻译成英文,写到csv对应的地方
3
4  #!/usr/bin/env python
5  # -*- coding:utf-8 -*-
6  #====#====#====#====
7  #Author:
8  #CreatDate:
9  #Version:
10 #====#====#====#====
11 import csv
12 import requests
13 import hashlib
14 import time
15 #把csv文件中的中文词汇翻译成英文,写到csv对应的地方
16
17 #读csv
18 def ReadCsv(filename):
19     mylist=[]
20     with open(filename, 'r',encoding='utf-8') as f:
21         obj = csv.reader(f)
22         print(obj)
23         for i in obj:
24             mylist.append(i)
25     return mylist
26
27
28
29 #写csv
30 def WriteCsv(filename,mylist):
31     with open(filename,'w',encoding='utf8',newline='') as f:
32         #需要把f转换为csv对象
33         obj=csv.writer(f)
34         for i in mylist:
35             obj.writerow(i)
36
37
38 #加密函数
39 def MyMd5(mystr):
40     mdmystr=hashlib.md5(mystr.encode(encoding='utf-8')).hexdigest()
41     return mdmystr
42
43 def test_baidu():
44     mylist=ReadCsv("data.csv")
45     dismylist=[['中文','英文']]
46     for i in mylist:
47         if i==['中文','英文']:
48             continue
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49     #url
50     url='https://fanyi-api.baidu.com/api/trans/vip/translate'
51     mdmystr=MyMd5("20210507000816969"+i[0]+"123456sGZsjo0Y20ThznTznsRT")
52     #参数
53     data={
54         "q":i[0],
55         "from":"zh",
56         "to":"en",
57         "appid":"20210507000816969",
58         "salt":"123456",
59         "sign":mdmystr
60     }
61     #20210507000816969test123456sGZsjo0Y20ThznTznsRT
62     #请求
63     res=requests.get(url,params=data)
64     #把响应转换为json格式,便于后面获取里面的内容
65     jr=res.json()
66     #获取响应后的翻译结果
67     rdata=jr['trans_result'][0]['dst']
68     tmp1ist=[i[0],rdata]
69     dismylist.append(tmp1ist)
70
71     time.sleep(2)
72
73     print(dismylist)
74     writeCsv("data.csv",dismylist)
75
76     test_baidu()

```

requests参数化-txt文件

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1  目的:把后台程序的接口参数化,意思把接口的数据放到.txt中
2  #!/usr/bin/env python
3  # -*- coding:utf-8 -*-
4  #====#====#====#====
5  #Author:
6  #CreateDate:
7  #Version:
8  #====#====#====#====
9  import requests
10 import unittest
11
12 def mytest():
13     mystr='{"code":"200","msg":"成功","data":None}'
14     myjson=eval(mystr)
15     print(myjson)
16     print(type(myjson))
17
18 # mytest()
19

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20 # while True:
21 #     pass
22
23 class Maker(unittest.TestCase):
24     @classmethod
25     def setUpClass(cls):
26         cls.mylist=[]
27         with open("data.txt","r",encoding='utf8') as f:
28             cls.mylist=f.read().splitlines()
29         cls.ip=cls.mylist[0].split(":",1)[1]
30         cls.port=cls.mylist[1].split(":")[1]
31
32         cls.route1=cls.mylist[4].split(":")[1]
33         cls.route2 = cls.mylist[5].split(":")[1]
34         cls.route3 = cls.mylist[6].split(":")[1]
35         cls.route4 = cls.mylist[7].split(":")[1]
36
37         cls.ex1=eval(cls.mylist[21].split(":",1)[1])
38         cls.ex2 = eval(cls.mylist[22].split(":", 1)[1])
39         cls.ex3 = eval(cls.mylist[23].split(":", 1)[1])
40         cls.ex4 = eval(cls.mylist[24].split(":", 1)[1])
41
42         cls.way1=cls.mylist[15]
43         cls.way2 = cls.mylist[16]
44         cls.way3 = cls.mylist[17]
45         cls.way4 = cls.mylist[18]
46
47
48
49
50 #首页(ip,port,路径,预期结果,请求方式)
51 def test_01(self):
52     res=''
53     if self.way1=="首页:get":
54         res=requests.get(self.ip+": "+self.port+self.route1)
55     elif self.way1=="首页:post":
56         res = requests.post(self.ip + ":" + self.port + self.route1)
57     #预期结果
58     myres=self.ex1
59     rj=res.json()
60     self.assertEqual(myres,rj,'用例未通过')
61
62 #注册(ip,port,路径,预期结果,请求方式,参数)
63 def test_02(self):
64     data={"name":"maker","passwd":"123456","email":"25224234@qq.com"}
65     res=''
66     if self.way2=="注册:get":
67         res=requests.get(self.ip+": "+self.port+self.route2,params=data)
68     elif self.way2=="注册:post":
69         res=requests.post(self.ip+": "+self.port+self.route2,params=data)
70     # 预期结果
71     myres = self.ex2
72     rj = res.json()

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73         self.assertEqual(myres, rj, '用例未通过')
74
75     #登录(ip,port,路径,预期结果,请求方式,参数)
76     def test_03(self):
77         data = {"name": "maker", "passwd": "123456"}
78         res = ''
79         if self.way3 == "登录:post":
80             res = requests.post(self.ip + ":" + self.port + self.route3,
data=data)
81         elif self.way3 == "登录:get":
82             res = requests.get(self.ip + ":" + self.port + self.route3, data=data)
83
84         # 预期结果
85         myres = self.ex3
86         rj = res.json()
87         self.assertEqual(myres, rj, '用例未通过')
88
89     #个人信息(ip,port,路径,预期结果,请求方式,参数)
90     def test_04(self):
91         data = {"name": "maker"}
92         res=''
93         if self.way4=='个人信息:post-json':
94             res = requests.post(self.ip+":"+self.port+self.route4, json=data)
95         elif self.way4=='个人信息:post':
96             res = requests.post(self.ip + ":" + self.port + self.route4,
data=data)
97         # 预期结果
98         myres =self.ex4
99         rj = res.json()
100         self.assertEqual(myres, rj, '用例未通过')
101
102 if __name__=='__main__':
103     unittest.main()
104
105
106
```