



链滴

# 一个 activemq 的爬虫脚本

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实现：当 “number of pending messages” 的数值超过100时，发送钉钉群通知

```
# encoding=utf-8
import urllib2
import cookielib
from bs4 import BeautifulSoup
import re
import requests
# import urllib
import json
queue_url1 = "http://127.0.0.1:8161/admin/queues.jsp"
queue_url2 = "http://127.0.0.1:8162/admin/queues.jsp"
def MQBrowser(url):
# login_page = queue_url
login_page = url
try:
    cj = cookielib.CookieJar()
    opener = urllib2.build_opener(urllib2.HTTPCookieProcessor(cj))

    opener.addheaders = [('User-agent', 'Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1)
),
                        ('Authorization', 'Basic eG1sbHlhcTpYTWxpYW5sdW95aW1xISE=')]
#ata = urllib.urlencode({"user":'xmllymq',"password":'XMLianluoyimq!!'})
opener.open(url)
op = opener.open(login_page)
data = op.read()
return data
except Exception,e:
    print(str(e))

#def get_queue_size_by_name(queue_name):
# content = MQBrowser(queue_url)
# soup = BeautifulSoup(''.join(content),'lxml')
# queue_list = soup.findAll('tbody')[1].findAll('tr')
# for i in queue_list:
#     queue_info = i.findAll('td')
#     if queue_name == queue_info[0].text.strip():
#         num_pending = queue_info[1].text.strip()
# return -1

ef dingding(Queue_Name,Num_Pending):

    url = 'https://oapi.dingtalk.com/robot/send?access_token=xxxxxxx'
    headers = {
        "Content-Type": "application/json",
        "Charset": "utf-8"
    }

# 要发送的文本是json格式
request_data = {
    "msgtype": "markdown",
    "markdown": {"title": "告警：队列消息积压",
```

```

        "text": "消息队列可能消费异常: \n\n" + "Queue_Name:%s \n\n" %Queue_Name
+ "Num_Pending:%s \n\n" %Num_Pending
    },
    "at": {
        "atMobiles": [],
        "isAtAll": False
    }
}

# 把json转变为字符串格式数据
send_data = json.dumps(request_data)
# 这个是发送post请求, 请求钉钉接口
response = requests.post(url=url, headers=headers, data=send_data)
# 讲求成功后返回的数据
content = response.content.decode()
# 打印
# print(content)

def get_queue_size(queue_url):
    content = MQBrowser(queue_url)
    soup = BeautifulSoup(''.join(content), 'lxml')
    #li = soup.find('li')
    queue_list = soup.findAll('tbody')[1].findAll('tr')
    queue_dic = {}
    for i in queue_list:
        queue_info = i.findAll('td')
        queue_name = queue_info[0].text.strip()
        num_pending = queue_info[1].text.strip()
        num_consumer = queue_info[2].text.strip()
        num_enqueued = queue_info[3].text.strip()
        num_dequeued = queue_info[4].text.strip()
        queue_dic[queue_name] = [num_pending, num_consumer, num_enqueued, num_deque
ed]
        if (int(num_pending.encode("utf-8"))) > 100:
            dingding(queue_name,num_pending)
    #print(queue_dic[1][1])

#def get_queue_detail(queue_name):
#    content = MQBrowser("http://127.0.0.1:8161/admin/browse.jsp?JMSDestination=%s" % q
ueue_name)
#    soup = BeautifulSoup(''.join(content), 'lxml')

if __name__ == "__main__":
    import sys
    reload(sys)
    sys.setdefaultencoding('utf8')
    #MQBrowser(queue_url)
    get_queue_size(queue_url1)
    get_queue_size(queue_url2)

```