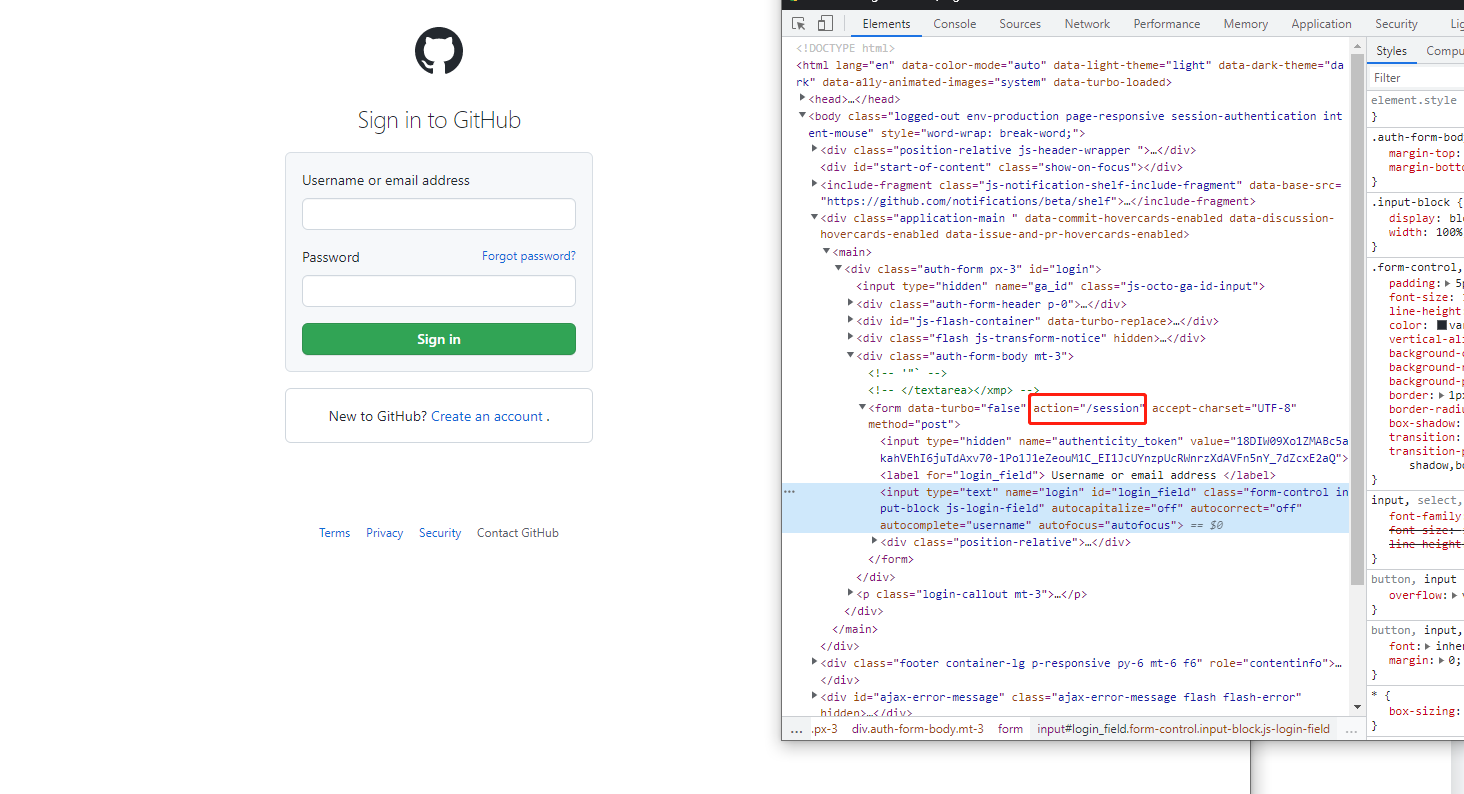
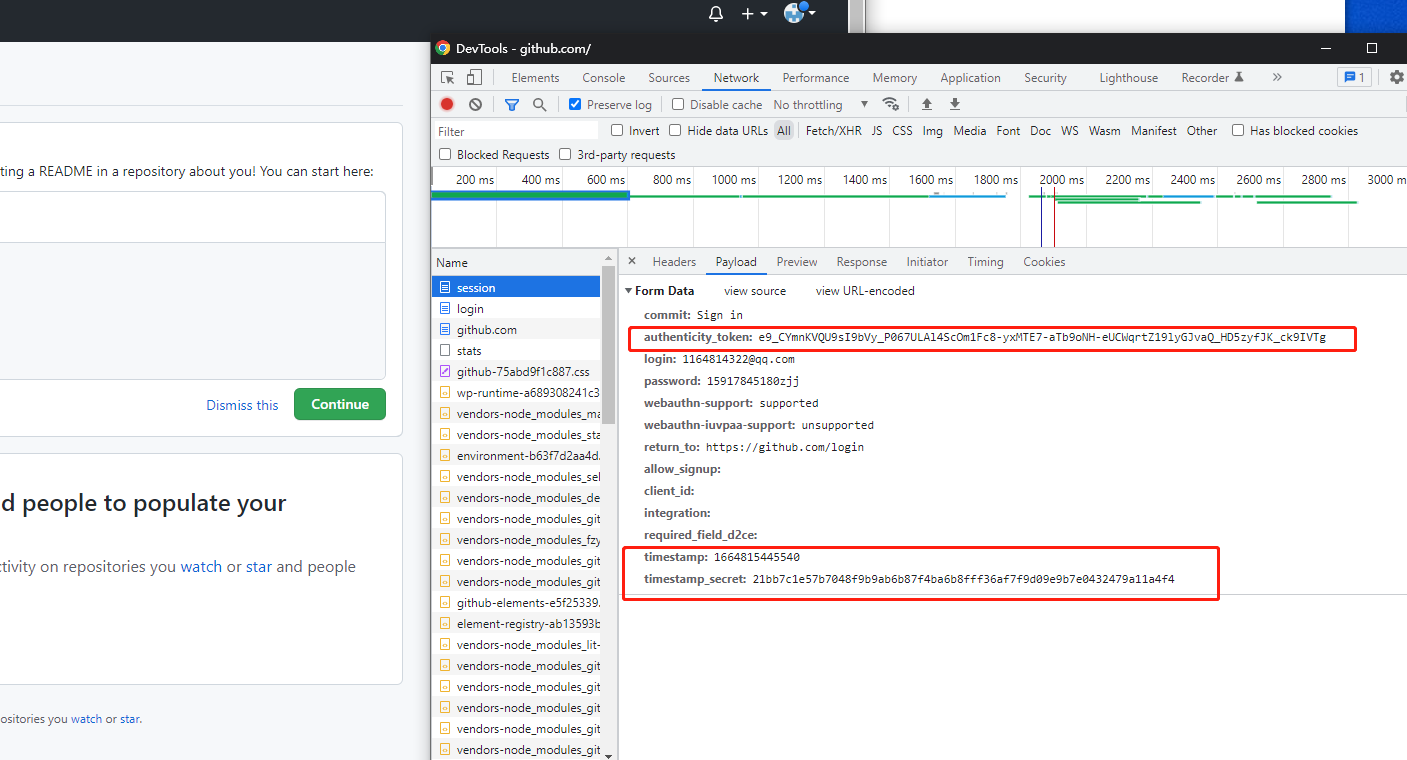
Github登录页面：<https://github.com/login>

登录数据验证地址：<https://github.com/session>

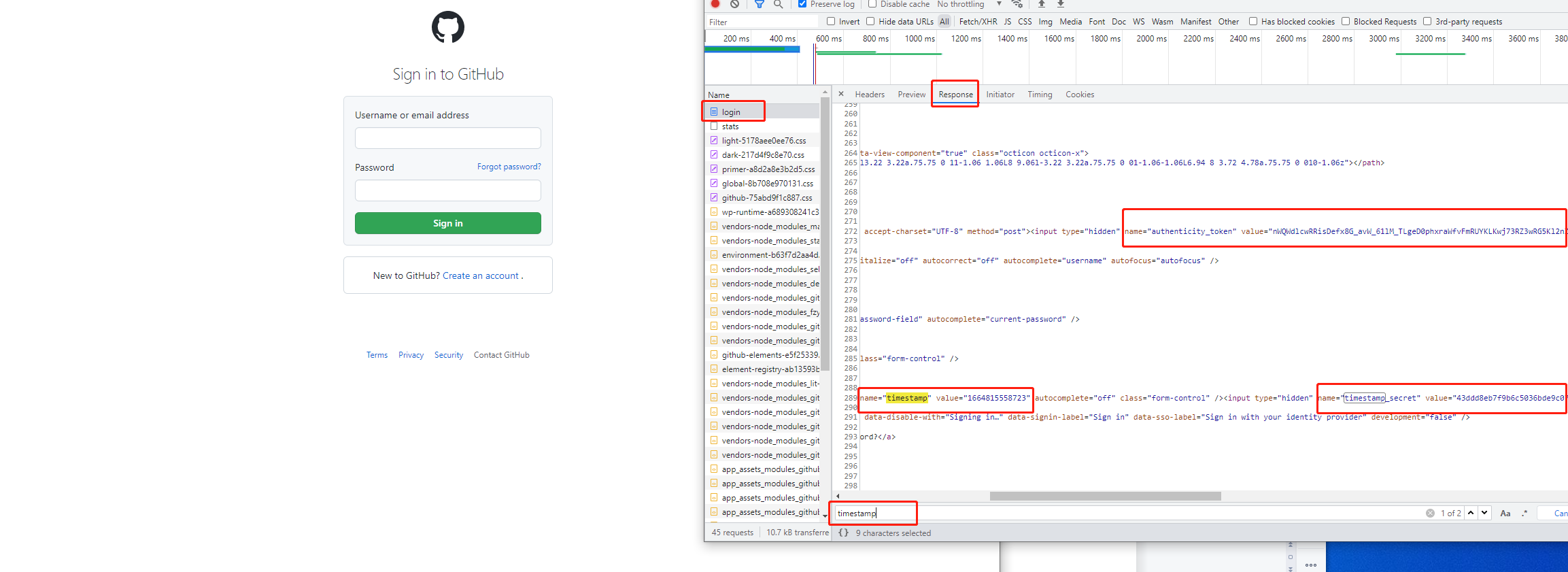
参考：https://blog.csdn.net/qq\_51131417/article/details/119565348



后续根据提交的表单数据分析，主要这个三个参数是动态生成的



authenticity\_token，timestamp，timestamp\_secret等参数构建 点击login,查看response,全局搜索authenticity\_token，timestamp，timestamp\_secre,会发现代码中包含了以上参数。利用xpath提取以上参数。



代码完整实现

import requests

from lxml import etree

def login():

# session

session = requests.session()

# headers

session.headers = {

'user-agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/92.0.4515.131 Safari/537.36'

}

# url1-获取token\timestamp\timestamp\_secret

url1 = 'https://github.com/login'

# 发送请求获取响应

res1 = session.get(url1)

html = etree.HTML(res1.text)

# 正则提取

# token = re.findall('name="authenticity\_token" value=".\*?" />', res1)

# timestamp = re.findall('name="timestamp" value=".\*?"', res1)

# # 正则提取有误

# timestamp\_secret = re.findall('name = "timestamp\_secret" value = ".\*?" ', res1)[1]

# xpath提取

token = html.xpath('//input[@name="authenticity\_token"]/@value')[0]

timestamp = html.xpath('//input[contains(@name,"timestamp")]/@value')[0]

timestamp\_secret = html.xpath('//input[contains(@name,"timestamp\_secret")]/@value')[0]

print(token, timestamp, timestamp\_secret)

# url2-登录

url2 = 'https://github.com/session'

# 构建表单数据

data = {

"commit": "Sign in",

"authenticity\_token": token,

"login": "987521",

"password": "336412dzw",

"webauthn - support": "supported",

"webauthn - iuvpaa - support": "unsupported",

"return\_to": "https: // github.com / login",

"timestamp": timestamp,

"timestamp\_secret": timestamp\_secret

}

print(data)

#发送请求登录

session.post(url2, data=data)

#url3-验证

url3 = 'https://github.com/987521'

response = session.get(url3)

with open('github.html', 'wb')as f:

f.write(response.content)

if \_\_name\_\_ == '\_\_main\_\_':

login()