



链滴

刷步数和人生重开模拟器

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最近在B站听到静总翻唱了《陀飞轮》，真真就太感人了吧。。"霎眼廿七岁，时日无多方不敢偷懒；愿纵未了，奋斗总不太晚。"哎，默默流泪。

一、刷步数

周末看了几个华米运动的接口，加上贴吧有老哥说可以调改步数接口然后同步到第三方，然后试了试还真行，covered猪头的代码。服务端是用php写的，我参照码云上的一个demo用java开接口改了一，api参数返回都没问题，但是值就是不改，好无语。。。贴一下代码还有cover大佬改的页面。

改步数地址:http://www.jinyunlong.xyz/wx_step/

```
package com.jin.wx_step.Controller;

import cn.hutool.http.HttpRequest;
import com.fasterxml.jackson.databind.JsonNode;
import com.fasterxml.jackson.databind.ObjectMapper;
import com.google.common.base.Splitter;
import com.jin.wx_step.Entity.User;
import com.jin.wx_step.Service.WxStepService;
import net.sf.json.JSONObject;
import org.apache.http.Header;
import org.apache.http.HttpResponse;
import org.apache.http.client.config.RequestConfig;
import org.apache.http.client.methods.CloseableHttpResponse;
import org.apache.http.client.methods.HttpGet;
import org.apache.http.client.methods.HttpPost;
import org.apache.http.client.utils.URIBuilder;
import org.apache.http.impl.client.CloseableHttpClient;
import org.apache.http.impl.client.HttpClientBuilder;
import org.apache.http.util.EntityUtils;
import org.springframework.beans.factory.annotation.Autowired;
```

```

import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

import java.io.IOException;
import java.text.SimpleDateFormat;
import java.time.LocalDateTime;
import java.time.format.DateTimeFormatter;
import java.util.Date;
import java.util.HashMap;
import java.util.Map;
import java.util.Random;
import java.util.logging.Level;
import java.util.logging.Logger;

/**
 * @author jinyunlong
 * @date 2021/9/4 00:10
 * @profession ICBC锅炉房保安
 */
@RestController
@RequestMapping(value = "/wx_step")
public class WxStepController {

    @Autowired
    WxStepService wxStepService;

    private static ObjectMapper objectMapper = new ObjectMapper();

    private static CloseableHttpClient httpClient = HttpClientBuilder.create().build();

    @RequestMapping(value = "/update")
    public JSONObject update(User user){

        HashMap<String, String> map = new HashMap<>();
        String code = "x";
        String message = "未知错误";
        map.put("code",code);
        map.put("message",message);
        String username = user.getUsername();
        String pass = user.getPass();
        String accessCode = getAccessCode(username, pass);
        Map<String, String> login = login(accessCode);
        String login_token = login.get("login_token");
        String user_id = login.get("user_id");
        String appToken = getAppToken(login_token);
        JSONObject jsonObject = JSONObject.fromObject(map);
        try {
            String result = updateStep(appToken, user_id,user);
            jsonObject = JSONObject.fromObject(result);
            return jsonObject;
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}

```

```

        Logger logger = Logger.getLogger("AnyLoggerName");
        logger.setLevel(Level.INFO);
        logger.info("logging message here!");
        return jsonObject;
    }

    public String getAccessCode(String account, String password) {
        try {
            URIBuilder builder = new URIBuilder("https://api-user.huami.com/registrations/+86" +
account + "/tokens");
            HashMap<String, String> data = new HashMap<>();
            data.put("client_id", "HuaMi");
            data.put("password", password);
            data.put("redirect_uri", "https://s3-us-west-2.amazonaws.com/hm-registration/success
ignin.html");
            data.put("token", "access");
            data.forEach(builder::setParameter);
            HttpPost httpPost = new HttpPost(builder.build());
            httpPost.setConfig(RequestConfig.custom()
                .setSocketTimeout(5000)
                ///默认允许自动重定向
                .setRedirectsEnabled(false)
                .build());
            httpPost.addHeader("User-Agent", "MiFit/4.6.0 (iPhone; iOS 14.0.1; Scale/2.00)");
            httpPost.addHeader("Content-Type", "application/x-www-form-urlencoded;charset=U
F-8");
            HttpResponse execute = httpClient.execute(httpPost);
            int statusCode = execute.getStatusLine().getStatusCode();
            Header location = execute.getFirstHeader("Location");
            String params = location.getValue().substring(location.getValue().indexOf("?") + 1);
            Map<String, String> split = Splitter.on("&").withKeyValueSeparator("=").split(params);
            String s = split.get("access");
            return s;
        } catch (Exception e) {
            e.printStackTrace();
        }
        return null;
    }

    public Map<String, String> login(String accessCode) {
        try {
            HashMap<String, String> data1 = new HashMap<>();
            data1.put("app_version", "4.6.0");
            data1.put("code", accessCode);
            data1.put("country_code", "CN");
            data1.put("device_id", "2C8B4939-0CCD-4E94-8CBA-CB8EA6E613A1");
            data1.put("device_model", "phone");
            data1.put("grant_type", "access_token");
            data1.put("third_name", "huami_phone");
            data1.put("app_name", "com.xiaomi.hm.health");
            URIBuilder builder1 = new URIBuilder("https://account.huami.com/v2/client/login");
            data1.forEach(builder1::setParameter);
            HttpPost httpPost1 = new HttpPost(builder1.build());
            httpPost1.addHeader("User-Agent", "MiFit/4.6.0 (iPhone; iOS 14.0.1; Scale/2.00)");

```


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代码是纯前端，我看有好多csv，没点开看，但逻辑应该就是用他来做随机吧，不了解了。记一下在centos7上遇到的几个坑：

我的centos上一开始是没有node的，然后装了一下，发现版本低，npm run dev时报错，然后就升本，然后就后台启动项目；

参考:1、[Centos7安装NPM](#)（这篇安装版本比较老了）

2、[在centos7升级nodejs到最新版本](#)（切完了版本别忘了把环境变量引到换的版本去噯）

3、[npm升级到最新版本](#)

4、[npm run dev后台运行](#)

然后挂ng代一下也行。

还有我想在npm run dev时指定端口启动不知咋弄，用网上说的方法没试成唉。。。

这周末我到底干了什么啊喂。。。