<https://www.cnblogs.com/luchangyou/p/6375166.html>

# [JAVA利用HttpClient进行HTTPS接口调用](https://www.cnblogs.com/luchangyou/p/6375166.html)

1.为了避免需要证书，所以用一个类继承DefaultHttpClient类，忽略校验过程。

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import java.security.cert.CertificateException;

import java.security.cert.X509Certificate;

import javax.net.ssl.SSLContext;

import javax.net.ssl.TrustManager;

import javax.net.ssl.X509TrustManager;

import org.apache.http.conn.ClientConnectionManager;

import org.apache.http.conn.scheme.Scheme;

import org.apache.http.conn.scheme.SchemeRegistry;

import org.apache.http.conn.ssl.SSLSocketFactory;

import org.apache.http.impl.client.DefaultHttpClient;

/\*\*

\* 用于进行Https请求的HttpClient

\* @ClassName: SSLClient

\* @Description: TODO

\* @author Devin <xxx>

\* @date 2017年2月7日 下午1:42:07

\*

\*/

public class SSLClient extends DefaultHttpClient {

public SSLClient() throws Exception{

super();

SSLContext ctx = SSLContext.getInstance("TLS");

X509TrustManager tm = new X509TrustManager() {

@Override

public void checkClientTrusted(X509Certificate[] chain,

String authType) throws CertificateException {

}

@Override

public void checkServerTrusted(X509Certificate[] chain,

String authType) throws CertificateException {

}

@Override

public X509Certificate[] getAcceptedIssuers() {

return null;

}

};

ctx.init(null, new TrustManager[]{tm}, null);

SSLSocketFactory ssf = new SSLSocketFactory(ctx,SSLSocketFactory.ALLOW\_ALL\_HOSTNAME\_VERIFIER);

ClientConnectionManager ccm = this.getConnectionManager();

SchemeRegistry sr = ccm.getSchemeRegistry();

sr.register(new Scheme("https", 443, ssf));

}

}

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2.创建一个利用HttpClient发送post请求的工具类

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import org.apache.http.HttpEntity;

import org.apache.http.HttpResponse;

import org.apache.http.StatusLine;

import org.apache.http.client.HttpClient;

import org.apache.http.client.methods.HttpPost;

import org.apache.http.entity.StringEntity;

import org.apache.http.message.BasicHeader;

import org.apache.http.util.EntityUtils;

/\*\*

\* 利用HttpClient进行post请求的工具类

\* @ClassName: HttpClientUtil

\* @Description: TODO

\* @author Devin <xxx>

\* @date 2017年2月7日 下午1:43:38

\*

\*/

public class HttpClientUtil {

@SuppressWarnings("resource")

public static String doPost(String url,String jsonstr,String charset){

HttpClient httpClient = null;

HttpPost httpPost = null;

String result = null;

try{

httpClient = new SSLClient();

httpPost = new HttpPost(url);

httpPost.addHeader("Content-Type", "application/json");

StringEntity se = new StringEntity(jsonstr);

se.setContentType("text/json");

se.setContentEncoding(new BasicHeader("Content-Type", "application/json"));

httpPost.setEntity(se);

HttpResponse response = httpClient.execute(httpPost);

if(response != null){

HttpEntity resEntity = response.getEntity();

if(resEntity != null){

result = EntityUtils.toString(resEntity,charset);

}

}

}catch(Exception ex){

ex.printStackTrace();

}

return result;

}

}

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3.测试代码

public static void main(String[] args){

String url = "https://192.168.1.101/xxx";

String jsonStr = "{xxx}";

String httpOrgCreateTestRtn = HttpClientUtil.doPost(url, jsonStr, "utf-8");

}

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[#1楼](https://www.cnblogs.com/luchangyou/p/6375166.html#3968885) 2018-05-07 10:28 | [牛郑焜](https://www.cnblogs.com/niuni-623/) 

感谢！写的很明了，直接搬过去就能用

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[#2楼](https://www.cnblogs.com/luchangyou/p/6375166.html#4073523) 2018-09-21 14:55 | [禁土](http://home.cnblogs.com/u/1453799/) 

DefaultHttpClient已经不被推荐了，有替代的类吗？