在python中，模拟http客户端发送get和post请求，主要用httplib模块的功能。

**1、python发送GET请求**

我在本地建立一个测试环境，test.php的内容就是输出一句话：

**[html]** [view plain](http://blog.csdn.net/Dolphin_h/article/details/45221929) [copy](http://blog.csdn.net/Dolphin_h/article/details/45221929)

[在CODE上查看代码片](https://code.csdn.net/snippets/651274)

1. echo 'Old friends and old wines are best.';

python发送get请求代码：

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[在CODE上查看代码片](https://code.csdn.net/snippets/651274)

1. #!/usr/bin/env python
2. #coding=utf8
4. **import** httplib
6. httpClient = None
8. **try**:
9. httpClient = httplib.HTTPConnection('localhost', 80, timeout=30)
10. httpClient.request('GET', '/test.php')
12. #response是HTTPResponse对象
13. response = httpClient.getresponse()
14. **print** response.status
15. **print** response.reason
16. **print** response.read()
17. **except** Exception, e:
18. **print** e
19. **finally**:
20. **if** httpClient:
21. httpClient.close()

上面代码中使用了finally来保证即使出错的时候也能关闭httpClient。运行这个程序，在我的电脑上输出结果如下：

http://img.blog.csdn.net/20150423150710050?watermark/2/text/aHR0cDovL2Jsb2cuY3Nkbi5uZXQvRG9scGhpbl9o/font/5a6L5L2T/fontsize/400/fill/I0JBQkFCMA==/dissolve/70/gravity/Center

2、python发送POST请求

修改test.php内容，打印出$\_POST数组：

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1. var\_dump($\_POST);

python发起post请求代码：

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[在CODE上查看代码片](https://code.csdn.net/snippets/651274)

1. #!/usr/bin/env python
2. #coding=utf8
4. **import** httplib, urllib
6. httpClient = None
7. **try**:
8. params = urllib.urlencode({'name': 'tom', 'age': 22})
9. headers = {"Content-type": "application/x-www-form-urlencoded"
10. , "Accept": "text/plain"}
12. httpClient = httplib.HTTPConnection("localhost", 80, timeout=30)
13. httpClient.request("POST", "/test.php", params, headers)
15. response = httpClient.getresponse()
16. **print** response.status
17. **print** response.reason
18. **print** response.read()
19. **print** response.getheaders() #获取头信息
20. **except** Exception, e:
21. **print** e
22. **finally**:
23. **if** httpClient:
24. httpClient.close()

运行代码，在我的电脑上输出如下：

