[https://ssl.ptlogin2.qq.com/check?uin=%s&appid=%s&js\_ver=10038&js\_type=0&login\_sig=P9011ArgB3ImUQV\*BfKuftIu9o3lGeuIoBVBi\*WjElOnOl2OzVIzg3gHjE0KJ9e3&u1=http%%3A%%2F%%2Fweb2.qq.com%%2Floginproxy.html&r=0.1790402590984438](https://ssl.ptlogin2.qq.com/check?uin=%25s&appid=%25s&js_ver=10038&js_type=0&login_sig=P9011ArgB3ImUQV*BfKuftIu9o3lGeuIoBVBi*WjElOnOl2OzVIzg3gHjE0KJ9e3&u1=http%25%3A%25%2F%25%2Fweb2.qq.com%25%2Floginproxy.html&r=0.1790402590984438)

# 连接QQ

<http://check.ptlogin2.qq.com/check?uin=1019955269&appid=1003903&r=0.6331230279734363>

这个包的提交方式是GET方式，基础不好朋友可以先去百度一下什么是GET方式，什么是POST方式。我们看看URL里面有我们QQ号码1019955269，后面1003903是腾讯的应用码，这个参数不会变我们不用管，最后一个小数点，这是一个随机数，如果做程序懒得写代码，那我们也固定它吧，保持不变就行。

看看提交这个URL之后，腾讯返回了什么

ptui\_checkVC('0','!FNJ', '\x00\x00\x00\x00\x3c\xcb\x48\x45');

说明一下，ptui\_checkVC不用管它，我们关心的是参数，第一个参数0,表示检查QQ没有异常，如果不是0说明我们要去获取图片验证码，这个以后再说；第二个参数!FNJ，他就是我们的文字验证码，留着我们登陆需要他；第三个参数\x00\x00\x00\x00\x3c\xcb\x48\x45这个是一个说明，需要转码才知道，我想大概就是说QQ无异常吧，这个不是很确定，说错了别笑我哈，总之这个反正也没多大用。

再看看返回的COOKIES，一共2个，分别是ptvfsession和confirmuin,他们的值比较的长：

ptvfsession：6333ed26e8cb040cfe0b3e82fcfe91941fe83e8bc07af4ed53044f534842485faacc0e6cdc4fbd6b4bfd9baa010ef1d7

confirmuin：1019955269

COOKIES都要留着，在之后登陆提交时，需要附上！

登录获取验证码图片.

从检查QQ那一步，地址http://check.ptlogin2.qq.com/check?uin=1019955269&appid=1003903&r=0.9014809025383771

返回的结果

ptui\_checkVC('1','5996320311ead973fa948d043b2f085959875144fb277c5a', '\x00\x00\x00\x00\x3c\xcb\x48\x45');

第一个参数是1，说而不是0，说明我要去获取图片验证码

获取图片验证码如下：

地址：<http://captcha.qq.com/getimage?aid=1003903&r=0.45623475915069394&uin=1019955269>

提交方式：GET

aid不变，r为随机数，也可以不变，uin是QQ号

COOKIES：将检查QQ那一步返回的QQ附上，同时获取图片验证码这一步会返回verifysession的COOIKE，注意保存！

提交之后就会返回验证码图片

# 第一次登陆QQ

经过之前的检查QQ和验证码获取之后，我们现在开始验证密码，称之为第一次登陆，这次登陆不会使在线的QQ踢下线。检查QQ密码是否正确。。

操作如下：

地址：<http://ptlogin2.qq.com/login?u=1019955269&p=B95F5109BC626E4E5547AE637F5B87B3&verifycode=EKWJ&webqq_type=10&remember_uin=1&login2qq=1&aid=1003903&u1=http%3A%2F%2Fweb.qq.com%2Floginproxy.html%3Flogin2qq%3D1%26webqq_type%3D10&h=1&ptredirect=0&ptlang=2052&from_ui=1&pttype=1&dumy=&fp=loginerroralert&action=3-27-27672&mibao_css=m_webqq&t=1&g=1>

提交方式：GET

参数说明：u为QQ号；p为新加密方式密文，论坛有讲解；verifycode为验证码，注意全部是大写字母；其他参数保持不变即可

COOKIES：将之前几步的COOKIES都附上

返回内容：

ptuiCB('0','0','http://web.qq.com/loginproxy.html?login2qq=1&webqq\_type=10','0','登录成功！', '嗳(\_灬謊√恋');

第一个参数为0说明正确，不为0则第三个参数会返回错误提示

返回的COOKIES:比较多，这里就不一一举例，特别是skey在QQ空间的时候需要那他来做GTK

# 获取QQ好友列表

地址：<http://s.web2.qq.com/api/get_user_friends2>

提交方式：post

POST参数：

r={"h":"hello","vfwebqq":"63551464f3b279f77756ba6c15addcd62a376c5f9b014f7dc959732faaf02c4f7a02a3162896bb82"}

h固定，vfwebqq为登陆令牌

**注意COOKIES和REFERER以后不再说明**

返回结果：

{"retcode":0,"result":{"friends":[{"flag":4,"uin":153654585,"categories":1},{"flag":4,"uin":3246751537,"categories":1},{"flag":0,"uin":478094726,"categories":0},{"flag":0,"uin":3270416256,"categories":0},{"flag":4,"uin":1733120926,"categories":1},{"flag":4,"uin":597192957,"categories":1},{"flag":0,"uin":4156840160,"categories":0},{"flag":0,"uin":1361051155,"categories":0},{"flag":0,"uin":3643068668,"categories":0},{"flag":0,"uin":2090492687,"categories":0},{"flag":0,"uin":994983118,"categories":0}],"marknames":[{"uin":1741704764,"markname":"1001"},{"uin":1304418790,"markname":"1111111111111111111111"}],"categories":[{"index":1,"sort":1,"name":"朋友"},{"index":2,"sort":2,"name":"家人"},{"index":3,"sort":3,"name":"同学"}],"vipinfo":[{"vip\_level":7,"u":153654585,"is\_vip":1},{"vip\_level":0,"u":3246751537,"is\_vip":0},{"vip\_level":0,"u":478094726,"is\_vip":0},{"vip\_level":0,"u":3270416256,"is\_vip":0},{"vip\_level":0,"u":1733120926,"is\_vip":0},{"vip\_level":6,"u":597192957,"is\_vip":1},{"vip\_level":6,"u":4156840160,"is\_vip":1},{"vip\_level":0,"u":1361051155,"is\_vip":0},{"vip\_level":0,"u":3643068668,"is\_vip":0},{"vip\_level":0,"u":2090492687,"is\_vip":0},{"vip\_level":0,"u":994983118,"is\_vip":0}],"info":[{"face":0,"flag":289964614,"nick":"Silvan冷雨海","uin":153654585},{"face":405,"flag":524802,"nick":" \_\_\_\_湯 、","uin":3246751537},{"face":336,"flag":298320384,"nick":"  新鲜.","uin":478094726},{"face":597,"flag":8388608,"nick":"一种困惑","uin":3270416256},{"face":693,"flag":17302114,"nick":"▓伦敦大桥上的小挂念","uin":1733120926},{"face":0,"flag":17334854,"nick":"哥′牛粪一坨","uin":597192957},{"face":270,"flag":298353222,"nick":"小酷","uin":4156840160},{"face":0,"flag":8388608,"nick":"卧龙传说","uin":1361051155},{"face":477,"flag":8389120,"nick":" 特工?008","uin":3643068668},{"face":555,"flag":0,"nick":"[常年收ip]2w站","uin":2090492687},{"face":558,"flag":8388608,"nick":"机器人","uin":994983118}]}}

关于JOSN结构，以后再讲，不会的朋友可以先去百度。

里面几个关键词说明一下：friends是好友列表，flag是在线状态，uin是临时QQ码，注意不是QQ号！，markname是好友备注名，categories是好友分类组。

vipinfo是会员信息，categories是好友分类信息

源文档 <<http://bbs.qqxieyi.com/forum.php?mod=viewthread&tid=30&extra=page%3D1>>

接收消息

<http://d.web2.qq.com/channel/poll2>

本帖隐藏的内容

方式：POST

提交参数：（3个）

clientid = 99742312

psessionid = 8368046764001e636f6e6e7365727665725f77656271714031302e3132382e36362e313135000038da00001765026e04004548cb3c6d0000000a4031464e4d70336d6c786d0000002863551464f3b279f77756ba6c15addcd62a376c5f9b014f7dc959732faaf02c4f7a02a3162896bb82

r = {"clientid":"99742312","psessionid":"8368046764001e636f6e6e7365727665725f77656271714031302e3132382e36362e313135000038da00001765026e04004548cb3c6d0000000a4031464e4d70336d6c786d0000002863551464f3b279f77756ba6c15addcd62a376c5f9b014f7dc959732faaf02c4f7a02a3162896bb82","key":0,"ids":[]}

psessionid为令牌；clientid为客户端ID

返回结果

{"retcode":0,"result":[{"poll\_type":"group\_message","value":{"msg\_id":148,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":966729,"msg\_type":43,"reply\_ip":176752341,"group\_code":345088435,"send\_uin":1552311252,"seq":919698,"time":1338859714,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u7334\u7334 \u82E5\u6709\u5192\u72AF \u6211\u9053\u6B49\u4E0B\u54C8 "]}},

{"poll\_type":"group\_message","value":{"msg\_id":23207,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":21243,"msg\_type":43,"reply\_ip":176881777,"group\_code":345088435,"send\_uin":3620961896,"seq":919697,"time":1338859704,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",74],"\u8BA4\u8BC6\u5C31\u8BF7\u6211\u5403\u996D\uFF1F "]}},

{"poll\_type":"group\_message",

"vaue":

{

"msg\_id":23207,

"from\_uin":1024710259,

"to\_uin":1019955269,

"msg\_id2":21243,

"msg\_type":43,

"rply\_ip":176881777,

"group\_code":345088435,

"send\_uin":3620961896,

"seq":919697,

"time":1338859704,

"ifo\_seq":102527432,

"content":[

["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],

["face",74],"\u8BA4\u8BC6\u5C31\u8BF7\u6211\u5403\u996D\uFF1F "]

}

},

{"poll\_type":"group\_message","value":{"msg\_id":23206,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":602179,"msg\_type":43,"reply\_ip":176752236,"group\_code":345088435,"send\_uin":3620961896,"seq":919696,"time":1338859696,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",74],"\u6CA1\u5173\u7CFB\uFF0C\u91C7\u82B1\u6735\u513F\u5F88\u597D\u73A9 "]}},{"poll\_type":"group\_message","value":{"msg\_id":245,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":524930,"msg\_type":43,"reply\_ip":176752236,"group\_code":345088435,"send\_uin":1566433914,"seq":919695,"time":1338859681,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",10],"\u4E0D\u600E\u6837 "]}},{"poll\_type":"group\_message","value":{"msg\_id":23205,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":74707,"msg\_type":43,"reply\_ip":176498314,"group\_code":345088435,"send\_uin":3620961896,"seq":919694,"time":1338859670,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u54FC\uFF0C\u8BA4\u8BC6\u600E\u6837 "]}},{"poll\_type":"group\_message","value":{"msg\_id":42322,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452697,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":459546968,"seq":2292,"time":1338823936,"info\_seq":85195768,"content":[["font",{"size":10,"color":"ff0080","style":[1,0,0],"name":"\u5B8B\u4F53"}],"\u6211\u5728\u542C\u4E00\u9996\u6B4C\r\u592A\u641E\u7B11\u4E86\r",["face",13],"\r\u8981\u4E0D\u8981\u542C\rhttp://www.chadu168.com:885/song/201205/xiaomosaomai.mp3\r\u4F60\u542C\u4E0B\r\u7B11\u6B7B\u6211\u4E86\r "]}},{"poll\_type":"group\_message","value":{"msg\_id":42312,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452474,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":459546968,"seq":2282,"time":1338819262,"info\_seq":85195768,"content":[["font",{"size":10,"color":"ff0080","style":[1,0,0],"name":"\u5B8B\u4F53"}],"01.var \r02. SS: String; \r03. \r04.procedure test1(const s: String); \r05.begin \r06. try \r07. SS := \u0027\u4F60\u597D\u0027; \r08. ShowMessage(s); \r09. except \r10. end; \r11.end; \r12. \r13.procedure TfrmMain.btnTestClick(Sender: TObject); \r14.begin \r15. SS := \u0027Hello\u0027; \r16. test1(SS); \r17.end; \r\u4F1A\u663E\u793A\u4EC0\u4E48\uFF1F\r "]}},{"poll\_type":"group\_message","value":{"msg\_id":42331,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452344,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":749437219,"seq":2301,"time":1338824335,"info\_seq":85195768,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5FAE\u8F6F\u96C5\u9ED1"}],["cface",{"name":"{AD082EA1-4884-7EC0-D26D-A63411CF9624}.gif","file\_id":1027148361,"key":"ppwkvYftCUvu4EXg","server":"124.115.1.215:443"}]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":42330,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452343,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":579531591,"seq":2300,"time":1338824314,"info\_seq":85195768,"content":[["font",{"size":9,"color":"0000ff","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",73]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":42329,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452342,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":579531591,"seq":2299,"time":1338824308,"info\_seq":85195768,"content":[["font",{"size":9,"color":"0000ff","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u6D9B\u6D9B\uFF0CPC\uFF12\uFF10\uFF11\uFF12\u534F\u8BAE\u6709\u7814\u7A76\u6CA1\n "]}},{"poll\_type":"group\_message","value":{"msg\_id":42328,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452341,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":459546968,"seq":2298,"time":1338824307,"info\_seq":85195768,"content":[["font",{"size":10,"color":"ff0080","style":[1,0,0],"name":"\u5B8B\u4F53"}],"\u89C9\u5F97\u6709\u610F\u601D "]}},{"poll\_type":"group\_message","value":{"msg\_id":42327,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452340,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":459546968,"seq":2297,"time":1338824299,"info\_seq":85195768,"content":[["font",{"size":10,"color":"ff0080","style":[1,0,0],"name":"\u5B8B\u4F53"}],"\u7B2C\u4E00\u6B21\u542C\u8FD9\u79CD\u6B4C "]}},{"poll\_type":"group\_message","value":{"msg\_id":42326,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452339,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":459546968,"seq":2296,"time":1338824294,"info\_seq":85195768,"content":[["font",{"size":10,"color":"ff0080","style":[1,0,0],"name":"\u5B8B\u4F53"}],"\u662F\u554A "]}},{"poll\_type":"group\_message","value":{"msg\_id":42325,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452338,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":579531591,"seq":2295,"time":1338824268,"info\_seq":85195768,"content":[["font",{"size":9,"color":"0000ff","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u5531\u8FD9\u4E2A\u7684\u725BB "]}},{"poll\_type":"group\_message","value":{"msg\_id":42324,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452337,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":166181774,"seq":2294,"time":1338824177,"info\_seq":85195768,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",97]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":42323,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452336,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":579531591,"seq":2293,"time":1338824107,"info\_seq":85195768,"content":[["font",{"size":9,"color":"0000ff","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",134]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":42321,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452335,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":579531591,"seq":2291,"time":1338823922,"info\_seq":85195768,"content":[["font",{"size":9,"color":"0000ff","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u673A\u5668\u4EBA\u4E0D\u80FD\u63A5\u6536\u591A\u884C\u6D88\u606F\uFF0C\u7B97\u4E0D\u7B97\u6B63\u5E38\u5440 "]}},{"poll\_type":"group\_message","value":{"msg\_id":42320,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452334,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":4156840160,"seq":2290,"time":1338820882,"info\_seq":85195768,"content":[["font",{"size":14,"color":"ff0000","style":[1,0,0],"name":"\u9ED1\u4F53"}],"\u7B49\u6211\u6587\u7AE0 "]}},{"poll\_type":"group\_message","value":{"msg\_id":42319,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452333,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":2801185498,"seq":2289,"time":1338820779,"info\_seq":85195768,"content":[["font",{"size":12,"color":"000000","style":[0,0,0],"name":"\u5FAE\u8F6F\u96C5\u9ED1"}],"\u8BBA\u575B\u90FD\u6CA1\u4EC0\u4E48\u4EBA\u3002\u3002 "]}},{"poll\_type":"group\_message","value":{"msg\_id":42318,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452332,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":459546968,"seq":2288,"time":1338820750,"info\_seq":85195768,"content":[["font",{"size":10,"color":"ff0080","style":[1,0,0],"name":"\u5B8B\u4F53"}],"\u6CA1DELPHI\u7684\uFF1F "]}},{"poll\_type":"group\_message","value":{"msg\_id":42317,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452331,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":4156840160,"seq":2287,"time":1338820745,"info\_seq":85195768,"content":[["font",{"size":14,"color":"ff0000","style":[1,0,0],"name":"\u9ED1\u4F53"}],"\u53D1\u8BBA\u575B\u53BB "]}},{"poll\_type":"group\_message","value":{"msg\_id":42316,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452330,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":2801185498,"seq":2286,"time":1338820740,"info\_seq":85195768,"content":[["font",{"size":12,"color":"000000","style":[0,0,0],"name":"\u5FAE\u8F6F\u96C5\u9ED1"}],"\u534F\u8BAE "]}},{"poll\_type":"group\_message","value":{"msg\_id":42315,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452329,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":2801185498,"seq":2285,"time":1338820735,"info\_seq":85195768,"content":[["font",{"size":12,"color":"000000","style":[0,0,0],"name":"\u5FAE\u8F6F\u96C5\u9ED1"}],"\u597D\u50CF\u662FQQ2005\u7684 "]}},{"poll\_type":"group\_message","value":{"msg\_id":42314,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452327,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":2801185498,"seq":2284,"time":1338820713,"info\_seq":85195768,"content":[["font",{"size":12,"color":"000000","style":[0,0,0],"name":"\u5FAE\u8F6F\u96C5\u9ED1"}],"\u627E\u5230\u4E2A\u6279\u91CF\u6302\u673AC#\u6E90\u7801\uFF08\u5305\u542BQQ\u534F\u8BAE\uFF09\uFF0C\u6709\u5174\u8DA3\u7684\u7814\u7A76\u7814\u7A76 "]}},{"poll\_type":"group\_message","value":{"msg\_id":42313,"from\_uin":1741704764,"to\_uin":1019955269,"msg\_id2":452326,"msg\_type":43,"reply\_ip":176752209,"group\_code":538779280,"send\_uin":459546968,"seq":2283,"time":1338819266,"info\_seq":85195768,"content":[["font",{"size":10,"color":"ff0080","style":[1,0,0],"name":"\u5B8B\u4F53"}],["face",81]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":135,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":36299,"msg\_type":43,"reply\_ip":176498314,"group\_code":345088435,"send\_uin":3721566410,"seq":919693,"time":1338859659,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u7334\u7334\u4EE5\u540E\u5C0F\u5FC3\u4E86 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35108,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886149,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":1566433914,"seq":919692,"time":1338859656,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u7334\u5B50\u8FD8\u8BA4\u8BC6\u6211\u4E0D",["face",76]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":35107,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886148,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":1566433914,"seq":919691,"time":1338859644,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u800D\u7334",["face",57]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":35106,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886147,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919690,"time":1338859637,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",55]," 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"]}},{"poll\_type":"group\_message","value":{"msg\_id":35103,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886144,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3721566410,"seq":919687,"time":1338859613,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",1]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":35102,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886143,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":1552311252,"seq":919686,"time":1338859601,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u6211\u800D\u7334\u4E13\u4E1A\u7684 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35101,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886142,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919685,"time":1338859575,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u6728\u610F\u601D\u3002\u90FD\u4E0D\u597D\u73A9 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35100,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886141,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919684,"time":1338859547,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",111],"\u4F60\u8F6C\u672C\u5B66\u4EC0\u4E48\uFF1F "]}},{"poll\_type":"group\_message","value":{"msg\_id":35099,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886140,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":1552311252,"seq":919683,"time":1338859546,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u597D\u597D\u597D \u4F60\u662F\u7537\u751F \u6EE1\u610F\u4E86\u4E48 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35098,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886139,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3721566410,"seq":919682,"time":1338859529,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u6709\u60C5\u51B5",["face",0]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":35097,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886138,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919681,"time":1338859521,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u74E6\u4ECE\u6765\u4E0D\u88C5 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35096,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886137,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":1552311252,"seq":919680,"time":1338859499,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u4F60\u8BF4\u4F60\u4E00\u76F4\u88C5\u7537\u7684\u6709\u610F\u601D\u74E6 \u5E7C\u7A1A "]}},{"poll\_type":"group\_message","value":{"msg\_id":35095,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886136,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3721566410,"seq":919679,"time":1338859488,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",57]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":35094,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886135,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919678,"time":1338859484,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u53C8\u4E0D\u662F\u771F\u7684\u4E2A\u4EBA\u8D44\u6599\uFF0C\u6211\u5E74\u9F84\u8FD80\u5462 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35093,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886134,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919677,"time":1338859467,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u6728\u6709\uFF0C\u8D44\u6599\u4E0D\u4E00\u5B9A\u662F\u771F\u7684 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35092,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886133,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3721566410,"seq":919676,"time":1338859388,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u597D\u5427\uFF0C\u4ED6\u8FD8\u662F\u4FDD\u6301\u5728\u52A8\u7269\u9636\u6BB5 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35091,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886132,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":1552311252,"seq":919675,"time":1338859384,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u6211\u770B\u4F60\u8D44\u6599\u7684",["face",85]," "]}},{"poll\_type":"group\_message","value":{"msg\_id":35090,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886131,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919674,"time":1338859374,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u6211\u548C\u65AD\u6C34\u4E00\u4E2A\u6027\u522B\u3002\u3002\u3002 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35089,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886130,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3620961896,"seq":919673,"time":1338859356,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],["face",75],"\u8C01\u8BF4\u6211\u662F\u6BCD\u7684\u4E86 "]}},{"poll\_type":"group\_message","value":{"msg\_id":35088,"from\_uin":1024710259,"to\_uin":1019955269,"msg\_id2":886129,"msg\_type":43,"reply\_ip":176882269,"group\_code":345088435,"send\_uin":3721566410,"seq":919672,"time":1338859352,"info\_seq":102527432,"content":[["font",{"size":9,"color":"000000","style":[0,0,0],"name":"\u5B8B\u4F53"}],"\u8D28\u91CF\u6709\u4FDD\u8BC1 "]}}]}

注意看poll\_type，他是消息类型，如：group\_message表示群消息。其他还有QQ好友消息，系统消息等，不一一列举，多抓几次包就明白！

特别提醒：

1、此次获取，需要设置HTTP获取等待时间无限长，因为只有当收到QQ消息时，腾讯才会通过这个地址把消息推送给你，没有消息时，你要无限等待！

2、获取到消息之后，需要立即到这个地址继续无限等待，不然QQ不就会下线！

3、腾讯不是一条一条消息分好几次推送给你，有好几条消息时，他会一起推送，注意查收！

# 请求是否需要验证码?

F:

[https://ssl.ptlogin2.qq.com/check?uin=%s&appid=%s&js\_ver=10038&js\_type=0&login\_sig=P9011ArgB3ImUQV\*BfKuftIu9o3lGeuIoBVBi\*WjElOnOl2OzVIzg3gHjE0KJ9e3&u1=http%%3A%%2F%%2Fweb2.qq.com%%2Floginproxy.html&r=0.1790402590984438](https://ssl.ptlogin2.qq.com/check?uin=%25s&appid=%25s&js_ver=10038&js_type=0&login_sig=P9011ArgB3ImUQV*BfKuftIu9o3lGeuIoBVBi*WjElOnOl2OzVIzg3gHjE0KJ9e3&u1=http%25%3A%25%2F%25%2Fweb2.qq.com%25%2Floginproxy.html&r=0.1790402590984438)

get

[https://ssl.ptlogin2.qq.com/check?uin=398117542&appid=1003903&js\_ver=10049&js\_type=0&login\_sig=yNmcw\*Sj8sBMYu5rbysVdywzvgX21FWIiA46TfHVt29-Ck-Llo4CIzmGtIRq91oD&u1=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html&r=0.35177190764807165](https://ssl.ptlogin2.qq.com/check?uin=398117542&appid=1003903&js_ver=10049&js_type=0&login_sig=yNmcw*Sj8sBMYu5rbysVdywzvgX21FWIiA46TfHVt29-Ck-Llo4CIzmGtIRq91oD&u1=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html&r=0.35177190764807165)

Response:

ptui\_checkVC('1','29628326de9b8f01cf1960caa1ee79fc42e78a7d467da861','\x00\x00\x00\x00\x17\xba\xca\xa6');

Referer:

<https://ui.ptlogin2.qq.com/cgi-bin/login?daid=164&target=self&style=5&mibao_css=m_webqq&appid=1003903&enable_qlogin=0&no_verifyimg=1&s_url=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html&f_url=loginerroralert&strong_login=1&login_state=10&t=20130903001>

2 login

[https://ssl.ptlogin2.qq.com/login?u=398117542&p=B22B5D0390864EFC16458D5576EC691E&verifycode=vxsa&webqq\_type=10&remember\_uin=1&login2qq=1&aid=1003903&u1=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html%3Flogin2qq%3D1%26webqq\_type%3D10&h=1&ptredirect=0&ptlang=2052&daid=164&from\_ui=1&pttype=1&dumy=&fp=loginerroralert&action=6-29-57667&mibao\_css=m\_webqq&t=1&g=1&js\_type=0&js\_ver=10049&login\_sig=yNmcw\*Sj8sBMYu5rbysVdywzvgX21FWIiA46TfHVt29-Ck-Llo4CIzmGtIRq91oD](https://ssl.ptlogin2.qq.com/login?u=398117542&p=B22B5D0390864EFC16458D5576EC691E&verifycode=vxsa&webqq_type=10&remember_uin=1&login2qq=1&aid=1003903&u1=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html%3Flogin2qq%3D1%26webqq_type%3D10&h=1&ptredirect=0&ptlang=2052&daid=164&from_ui=1&pttype=1&dumy=&fp=loginerroralert&action=6-29-57667&mibao_css=m_webqq&t=1&g=1&js_type=0&js_ver=10049&login_sig=yNmcw*Sj8sBMYu5rbysVdywzvgX21FWIiA46TfHVt29-Ck-Llo4CIzmGtIRq91oD)

Response:

ptuiCB('0','0','http://ptlogin4.web2.qq.com/check\_sig?pttype=1&uin=398117542&service=login&nodirect=0&ptsig=3KAaryNzjnlcadqlhpJkaM7NGfLW6lnyh08zXSK4b9U\_&s\_url=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html%3Flogin2qq%3D1%26webqq\_type%3D10&f\_url=&ptlang=2052&ptredirect=100&aid=1003903&daid=164&j\_later=0&low\_login\_hour=0&regmaster=0','0','登录成功！', '鱼林');

Referer:

<https://ui.ptlogin2.qq.com/cgi-bin/login?daid=164&target=self&style=5&mibao_css=m_webqq&appid=1003903&enable_qlogin=0&no_verifyimg=1&s_url=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html&f_url=loginerroralert&strong_login=1&login_state=10&t=20130903001>

# 第二次登录.

* 1. **Request URL:**[**http://d.web2.qq.com/channel/login2**](http://d.web2.qq.com/channel/login2)
  2. **Request Method:**POST
  3. **Status Code:**200 OK
  4. **Request Headers**view source
     1. **Accept:**\*/\*
     2. **Accept-Encoding:**gzip,deflate,sdch
     3. **Accept-Language:**zh-CN,zh;q=0.8
     4. **Connection:**keep-alive
     5. **Content-Length:**246
     6. **Content-Type:**application/x-www-form-urlencoded
     7. **Cookie:**o\_cookie=910390181; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=; verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; ptui\_loginuin=398117542; ptisp=ctc; RK=TI73pO6+nF; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptwebqq=7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82; pt2gguin=o0398117542; uin=o0398117542; skey=@lusl6srng; p\_uin=o0398117542; p\_skey=8wIAg8a7PEv6Vvl-a\*ivhYc11dtKT2fzShi0kvEhAEg\_; pt4\_token=fiM7MtbZz1PBFFVN3KfD5Q\_\_
     8. **Host:**d.web2.qq.com
     9. **Origin:**[**http://d.web2.qq.com**](http://d.web2.qq.com)
     10. **Referer:**[**http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2**](http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2)
     11. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  5. **Form Data**view source  
     view URL encoded
     1. **r:**{"status":"online","ptwebqq":"7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82","passwd\_sig":"","clientid":"72570457","psessionid":null}
     2. **clientid:**72570457
     3. **psessionid:**null
  6. **Response Headers**view source
     1. **Cache-Control:**no-cache
     2. **Connection:**close
     3. **Content-Length:**457
     4. **Content-Type:**text/plain; charset=utf-8
     5. **Date:**Sun, 13 Oct 2013 02:47:51 GMT

* 1. Resonse
  2. {"retcode":0,"result":{"uin":398117542,"cip":1900388700,"index":1075,"port":48899,"status":"online","vfwebqq":"353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc","psessionid":"8368046764001d636f6e6e7365727665725f77656271714031302e3133332e342e3137320000146700000317026e0400a6caba176d0000000a406c75736c3673726e676d00000028353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc","user\_state":0,"f":0}}

 当密码验证没有问题之后，登陆WEBQQ就差这一步了，这一步许多新手会出现各种各样的问题，各种不成功，各种蛋疼！  
  
仔细看好下面的操作，这次操作会将已经在线的QQ强制踢下线。。。。

**本帖隐藏的内容**

地址：[http://d.web2.qq.com/channel/login2](http://d.web2.qq.com/channel/login2" \t "_blank)  
  
提交方式：POST  
  
POST参数：  
r={"status":"online","ptwebqq":"a6b9672bccf1ff55eca7ad3d8e87061645f64a3c2a69fb7216cb75a488357821","passwd\_sig":"","clientid":"99742312","psessionid":null}  
  
clientid=99742312  
  
psessionid=null  
  
r是一个JSON，里面包含了登录时的参数。status是登陆状态在线、隐身等；ptwebqq是第一次登陆返回的COOKIES里面的一个值。passwd\_sig没用；clientid是客户端ID，这是一个随即数，保持不变即可，但要注意：后面发消息等操作所有的clientid都得相同。psessionid为null  
  
常见的一些问题原因：  
1、COOKIES没附上  
2、Referer没写，注意是[http://d.web2.qq.com/proxy.html?v=20110331002&callback=2](http://d.web2.qq.com/proxy.html?v=20110331002&callback=2" \t "_blank)  
3、参数没有编码，注意是UTF8格式，所有URL必需进行HTTP编码  
4、其他问题可以抓自己写的软件发出的包，然后仔细比对WEBQQ原数据

登陆成功之后会返回  
{"retcode":0,"result":{"uin":1019955269,"cip":3663625271,"index":1074,"port":51529,"status":"online","vfwebqq":"63551464f3b279f77756ba6c15addcd62a376c5f9b014f7dc959732faaf02c4f7a02a3162896bb82","psessionid":"8368046764001e636f6e6e7365727665725f77656271714031302e3132382e36362e313135000038da00001765026e04004548cb3c6d0000000a4031464e4d70336d6c786d0000002863551464f3b279f77756ba6c15addcd62a376c5f9b014f7dc959732faaf02c4f7a02a3162896bb82","user\_state":0,"f":0}}  
  
他是一个JOSN，我们记得保存两个重要的值vfwebqq和psessionid，他们是登陆令牌，后续操作都需用到他们！

# 获取本人的信息.

* 1. <http://s.web2.qq.com/api/get_friend_info2?tuin=398117542&verifysession=&code=&vfwebqq=353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc&t=1381632572477>
  2. **Request Method:**GET
  3. **Status Code:**200 OK
  4. **Request Headers**view source
     1. **Accept:**\*/\*
     2. **Accept-Encoding:**gzip,deflate,sdch
     3. **Accept-Language:**zh-CN,zh;q=0.8
     4. **Connection:**keep-alive
     5. **Content-Type:**utf-8
     6. **Cookie:**o\_cookie=910390181; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=; verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; ptui\_loginuin=398117542; ptisp=ctc; RK=TI73pO6+nF; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptwebqq=7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82; pt2gguin=o0398117542; uin=o0398117542; skey=@lusl6srng; p\_uin=o0398117542; p\_skey=8wIAg8a7PEv6Vvl-a\*ivhYc11dtKT2fzShi0kvEhAEg\_; pt4\_token=fiM7MtbZz1PBFFVN3KfD5Q\_\_
     7. **Host:**s.web2.qq.com
     8. **Referer:**[**http://s.web2.qq.com/proxy.html?v=20110412001&callback=1&id=3**](http://s.web2.qq.com/proxy.html?v=20110412001&callback=1&id=3)
     9. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  5. **Query String Parameters**view source  
     view URL encoded
     1. **tuin:**398117542
     2. **verifysession:**
     3. **code:**
     4. **vfwebqq:**353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc
     5. **t:**1381632572477
  6. **Response Headers**view source
     1. **Connection:**keep-alive
     2. **Content-Length:**358
     3. **Content-Type:**application/json;charset=utf-8
     4. **Date:**Sun, 13 Oct 2013 02:47:57 GMT
     5. **Server:**Nginx

Resonse

{"retcode":0,"result":{"face":252,"birthday":{"month":1,"year":1989,"day":1},"occupation":"","phone":"","allow":1,"college":"","uin":398117542,"constel":0,"blood":0,"homepage":"","stat":10,"vip\_info":0,"country":"中国","city":"广州","personal":"","nick":"鱼林","shengxiao":0,"email":"","client\_type":41,"province":"广东","gender":"male","mobile":""}}

获取用户的好友信息.

* 1. **Request URL:**[**http://s.web2.qq.com/api/get\_user\_friends2**](http://s.web2.qq.com/api/get_user_friends2)
  2. **Request Method:**POST
  3. **Status Code:**200 OK
  4. **Request Headers**view source
     1. **Accept:**\*/\*
     2. **Accept-Encoding:**gzip,deflate,sdch
     3. **Accept-Language:**zh-CN,zh;q=0.8
     4. **Connection:**keep-alive
     5. **Content-Length:**164
     6. **Content-Type:**application/x-www-form-urlencoded
     7. **Cookie:**o\_cookie=910390181; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=; verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; ptui\_loginuin=398117542; ptisp=ctc; RK=TI73pO6+nF; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptwebqq=7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82; pt2gguin=o0398117542; uin=o0398117542; skey=@lusl6srng; p\_uin=o0398117542; p\_skey=8wIAg8a7PEv6Vvl-a\*ivhYc11dtKT2fzShi0kvEhAEg\_; pt4\_token=fiM7MtbZz1PBFFVN3KfD5Q\_\_
     8. **Host:**s.web2.qq.com
     9. **Origin:**[**http://s.web2.qq.com**](http://s.web2.qq.com)
     10. **Referer:**[**http://s.web2.qq.com/proxy.html?v=20110412001&callback=1&id=3**](http://s.web2.qq.com/proxy.html?v=20110412001&callback=1&id=3)
     11. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  5. **Form Data**view source  
     view URL encoded
     1. **r:**{"h":"hello","hash":"6FEFC8C3","vfwebqq":"353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc"}
  6. **Response Headers**view source
     1. **Connection:**keep-alive
     2. **Content-Length:**2309
     3. **Content-Type:**application/json;charset=utf-8
     4. **Date:**Sun, 13 Oct 2013 02:47:52 GMT
     5. **Server:**nginx

Resopse

* 1. {"retcode":0,"result":{"friends":[{"flag":0,"uin":2776194341,"categories":0},{"flag":0,"uin":3121585140,"categories":0},{"flag":8,"uin":1986959040,"categories":2},{"flag":0,"uin":617644132,"categories":0},{"flag":0,"uin":4216095866,"categories":0},{"flag":0,"uin":4257390955,"categories":0},{"flag":0,"uin":270103353,"categories":0},{"flag":0,"uin":3669297742,"categories":0},{"flag":8,"uin":285982624,"categories":2},{"flag":0,"uin":3371779712,"categories":0},{"flag":0,"uin":2183086702,"categories":0},{"flag":0,"uin":4217294424,"categories":0},{"flag":0,"uin":3385880927,"categories":0}],"marknames":[{"uin":2776194341,"markname":"腾飞电脑","type":0},{"uin":4257390955,"markname":"曾达","type":0}],"categories":[{"index":1,"sort":1,"name":"朋友"},{"index":2,"sort":2,"name":"家人"},{"index":3,"sort":3,"name":"同学"}],"vipinfo":[{"vip\_level":0,"u":2776194341,"is\_vip":0},{"vip\_level":0,"u":3121585140,"is\_vip":0},{"vip\_level":0,"u":1986959040,"is\_vip":0},{"vip\_level":0,"u":617644132,"is\_vip":0},{"vip\_level":0,"u":4216095866,"is\_vip":0},{"vip\_level":0,"u":4257390955,"is\_vip":0},{"vip\_level":0,"u":270103353,"is\_vip":0},{"vip\_level":0,"u":3669297742,"is\_vip":0},{"vip\_level":0,"u":285982624,"is\_vip":0},{"vip\_level":0,"u":3371779712,"is\_vip":0},{"vip\_level":0,"u":2183086702,"is\_vip":0},{"vip\_level":0,"u":4217294424,"is\_vip":0},{"vip\_level":0,"u":3385880927,"is\_vip":0}],"info":[{"face":522,"flag":8388608,"nick":"腾飞电脑-高","uin":2776194341},{"face":339,"flag":29884928,"nick":"猴子的牛","uin":3121585140},{"face":537,"flag":512,"nick":"樱花树下","uin":1986959040},{"face":0,"flag":8946176,"nick":"╰Sweet┃乱了夏天","uin":617644132},{"face":0,"flag":8388608,"nick":"年度回顾","uin":4216095866},{"face":477,"flag":13107714,"nick":"~吖达~","uin":4257390955},{"face":258,"flag":524800,"nick":"永远的约定","uin":270103353},{"face":486,"flag":8913408,"nick":"止痛药、、","uin":3669297742},{"face":213,"flag":289931776,"nick":"梦寐之吕","uin":285982624},{"face":516,"flag":8913408,"nick":"一世乱道","uin":3371779712},{"face":0,"flag":8913410,"nick":"╯用Smile、无视一切","uin":2183086702},{"face":0,"flag":12583426,"nick":"珠江学院打印01","uin":4217294424},{"face":84,"flag":13107712,"nick":"心若移动如何联通","uin":3385880927}]}}

* 1. result: {friends:[{flag:0, uin:2776194341, categories:0}, {flag:0, uin:3121585140, categories:0},…],…}
  2. categories: [{index:1, sort:1, name:朋友}, {index:2, sort:2, name:家人}, {index:3, sort:3, name:同学}]
  3. 0: {index:1, sort:1, name:朋友}
  4. 1: {index:2, sort:2, name:家人}
  5. 2: {index:3, sort:3, name:同学}
  6. friends: [{flag:0, uin:2776194341, categories:0}, {flag:0, uin:3121585140, categories:0},…]
  7. 0: {flag:0, uin:2776194341, categories:0}
  8. 1: {flag:0, uin:3121585140, categories:0}
  9. 2: {flag:8, uin:1986959040, categories:2}
  10. 3: {flag:0, uin:617644132, categories:0}
  11. 4: {flag:0, uin:4216095866, categories:0}
  12. 5: {flag:0, uin:4257390955, categories:0}
  13. 6: {flag:0, uin:270103353, categories:0}
  14. 7: {flag:0, uin:3669297742, categories:0}
  15. 8: {flag:8, uin:285982624, categories:2}
  16. 9: {flag:0, uin:3371779712, categories:0}
  17. 10: {flag:0, uin:2183086702, categories:0}
  18. 11: {flag:0, uin:4217294424, categories:0}
  19. 12: {flag:0, uin:3385880927, categories:0}
  20. info: [{face:522, flag:8388608, nick:腾飞电脑-高, uin:2776194341},…]
  21. marknames: [{uin:2776194341, markname:腾飞电脑, type:0}, {uin:4257390955, markname:曾达, type:0}]
  22. vipinfo: [{vip\_level:0, u:2776194341, is\_vip:0}, {vip\_level:0, u:3121585140, is\_vip:0},…]
  23. retcode: 0
  24. **Request URL:**[**http://s.web2.qq.com/api/get\_group\_name\_list\_mask2**](http://s.web2.qq.com/api/get_group_name_list_mask2)
  25. **Request Method:**POST
  26. **Status Code:**200 OK
  27. **Request Headers**view source
      1. **Accept:**\*/\*
      2. **Accept-Encoding:**gzip,deflate,sdch
      3. **Accept-Language:**zh-CN,zh;q=0.8
      4. **Connection:**keep-alive
      5. **Content-Length:**110
      6. **Content-Type:**application/x-www-form-urlencoded
      7. **Cookie:**o\_cookie=910390181; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=; verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; ptui\_loginuin=398117542; ptisp=ctc; RK=TI73pO6+nF; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptwebqq=7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82; pt2gguin=o0398117542; uin=o0398117542; skey=@lusl6srng; p\_uin=o0398117542; p\_skey=8wIAg8a7PEv6Vvl-a\*ivhYc11dtKT2fzShi0kvEhAEg\_; pt4\_token=fiM7MtbZz1PBFFVN3KfD5Q\_\_
      8. **Host:**s.web2.qq.com
      9. **Origin:**[**http://s.web2.qq.com**](http://s.web2.qq.com)
      10. **Referer:**[**http://s.web2.qq.com/proxy.html?v=20110412001&callback=1&id=3**](http://s.web2.qq.com/proxy.html?v=20110412001&callback=1&id=3)
      11. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  28. **Form Data**view source  
      view URL encoded
      1. **r:**{"vfwebqq":"353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc"}
  29. **Response Headers**view source
      1. **Connection:**keep-alive
      2. **Content-Length:**376
      3. **Content-Type:**application/json;charset=utf-8
      4. **Date:**Sun, 13 Oct 2013 02:47:52 GMT
      5. **Server:**Nginx

R

{"retcode":0,"result":{"gmasklist":[],"gnamelist":[{"flag":16777217,"name":"简易生活","gid":3908474212,"code":1443255760},{"flag":16777217,"name":"天箭网—华软职群","gid":1019972203,"code":1840102401},{"flag":1,"name":"总代理","gid":135146372,"code":648127112},{"flag":184549393,"name":"领翔网络(FlySSH)","gid":894100099,"code":3196599742}],"gmarklist":[]}}

获取在线好友

* 1. <http://d.web2.qq.com/channel/get_online_buddies2?clientid=72570457&psessionid=8368046764001d636f6e6e7365727665725f77656271714031302e3133332e342e3137320000146700000317026e0400a6caba176d0000000a406c75736c3673726e676d00000028353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc&t=1381632572825>
  2. **Request Method:**GET
  3. **Status Code:**200 OK
  4. **Request Headers**view source
     1. **Accept:**\*/\*
     2. **Accept-Encoding:**gzip,deflate,sdch
     3. **Accept-Language:**zh-CN,zh;q=0.8
     4. **Connection:**keep-alive
     5. **Content-Type:**utf-8
     6. **Cookie:**o\_cookie=910390181; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=; verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; ptui\_loginuin=398117542; ptisp=ctc; RK=TI73pO6+nF; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptwebqq=7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82; pt2gguin=o0398117542; uin=o0398117542; skey=@lusl6srng; p\_uin=o0398117542; p\_skey=8wIAg8a7PEv6Vvl-a\*ivhYc11dtKT2fzShi0kvEhAEg\_; pt4\_token=fiM7MtbZz1PBFFVN3KfD5Q\_\_
     7. **Host:**d.web2.qq.com
     8. **Referer:**[**http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2**](http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2)
     9. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  5. **Query String Parameters**view source  
     view URL encoded
     1. **clientid:**72570457
     2. **psessionid:**8368046764001d636f6e6e7365727665725f77656271714031302e3133332e342e3137320000146700000317026e0400a6caba176d0000000a406c75736c3673726e676d00000028353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc
     3. **t:**1381632572825
  6. **Response Headers**view source
     1. **Cache-Control:**no-cache
     2. **Connection:**close
     3. **Content-Length:**186
     4. **Content-Type:**text/plain; charset=utf-8
     5. **Date:**Sun, 13 Oct 2013 02:47:52 GMT

{"retcode":0,"result":[{"uin":285982624,"status":"online","client\_type":1},{"uin":3385880927,"status":"online","client\_type":21},{"uin":2183086702,"status":"online","client\_type":21}]}

* 1. **Request URL:**[**http://d.web2.qq.com/channel/poll2**](http://d.web2.qq.com/channel/poll2)
  2. **Request Method:**POST
  3. **Status Code:**200 OK
  4. **Request Headers**view source
     1. **Accept:**\*/\*
     2. **Accept-Encoding:**gzip,deflate,sdch
     3. **Accept-Language:**zh-CN,zh;q=0.8
     4. **Connection:**keep-alive
     5. **Content-Length:**582
     6. **Content-Type:**application/x-www-form-urlencoded
     7. **Cookie:**o\_cookie=910390181; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=; verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; ptui\_loginuin=398117542; ptisp=ctc; RK=TI73pO6+nF; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptwebqq=7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82; pt2gguin=o0398117542; uin=o0398117542; skey=@lusl6srng; p\_uin=o0398117542; p\_skey=8wIAg8a7PEv6Vvl-a\*ivhYc11dtKT2fzShi0kvEhAEg\_; pt4\_token=fiM7MtbZz1PBFFVN3KfD5Q\_\_
     8. **Host:**d.web2.qq.com
     9. **Origin:**[**http://d.web2.qq.com**](http://d.web2.qq.com)
     10. **Referer:**[**http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2**](http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2)
     11. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  5. **Form Data**view source  
     view URL encoded
     1. **r:**{"clientid":"72570457","psessionid":"8368046764001d636f6e6e7365727665725f77656271714031302e3133332e342e3137320000146700000317026e0400a6caba176d0000000a406c75736c3673726e676d00000028353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc","key":0,"ids":[]}
     2. **clientid:**72570457
     3. **psessionid:**8368046764001d636f6e6e7365727665725f77656271714031302e3133332e342e3137320000146700000317026e0400a6caba176d0000000a406c75736c3673726e676d00000028353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc
  6. **Response Headers**view source
     1. **Cache-Control:**no-cache
     2. **Connection:**close
     3. **Content-Length:**29
     4. **Content-Type:**text/plain; charset=utf-8
     5. **Date:**Sun, 13 Oct 2013 02:48:53 GMT

* 1. 没有接收到消息
  2. {"retcode":102,"errmsg":""}
  3. 接收到消息

{"retcode":0,"result":[

{"poll\_type":"message",

"value":{"msg\_id":5338,

"from\_uin":285982624,

"to\_uin":398117542,

"msg\_id2":730388,

"msg\_type":9,

"reply\_ip":176756443,

"time":1381634324,

"content":[["font",{"size":15,"color":"000000","style":[0,0,0],"name":"\u6977\u4F53"}],"45144 "]}}]}

标记发送消息OK

* 1. **Request URL:**[**http://d.web2.qq.com/channel/send\_buddy\_msg2**](http://d.web2.qq.com/channel/send_buddy_msg2)
  2. **Request Method:**POST
  3. **Status Code:**200 OK
  4. **Request Headers**view source
     1. **Accept:**\*/\*
     2. **Accept-Encoding:**gzip,deflate,sdch
     3. **Accept-Language:**zh-CN,zh;q=0.8
     4. **Connection:**keep-alive
     5. **Content-Length:**874
     6. **Content-Type:**application/x-www-form-urlencoded
     7. **Cookie:**o\_cookie=910390181; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=; verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; ptui\_loginuin=398117542; ptisp=ctc; RK=TI73pO6+nF; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptwebqq=7ee2247ca8139c88002afa9e26dc7928dfde707af4feb5989f826fe2758f3a82; pt2gguin=o0398117542; uin=o0398117542; skey=@lusl6srng; p\_uin=o0398117542; p\_skey=8wIAg8a7PEv6Vvl-a\*ivhYc11dtKT2fzShi0kvEhAEg\_; pt4\_token=fiM7MtbZz1PBFFVN3KfD5Q\_\_
     8. **Host:**d.web2.qq.com
     9. **Origin:**[**http://d.web2.qq.com**](http://d.web2.qq.com)
     10. **Referer:**[**http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2**](http://d.web2.qq.com/proxy.html?v=20110331002&callback=1&id=2)
     11. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  5. **Form Data**view source  
     view URL encoded
     1. **r:**{"to":285982624,"face":252,"content":"[\"78965\",\"\",[\"font\",{\"name\":\"宋体\",\"size\":\"10\",\"style\":[0,0,0],\"color\":\"000000\"}]]","msg\_id":25700001,"clientid":"72570457","psessionid":"8368046764001d636f6e6e7365727665725f77656271714031302e3133332e342e3137320000146700000317026e0400a6caba176d0000000a406c75736c3673726e676d00000028353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc"}
     2. **clientid:**72570457
     3. **psessionid:**8368046764001d636f6e6e7365727665725f77656271714031302e3133332e342e3137320000146700000317026e0400a6caba176d0000000a406c75736c3673726e676d00000028353e006a311a085fd8d4f1bfa12c2b93ea9082412891d42027be67a86c444da8ab2a506fa64920cc
  6. **Response Headers**view source
     1. **Cache-Control:**no-cache
     2. **Connection:**close
     3. **Content-Length:**29
     4. **Content-Type:**text/plain; charset=utf-8
     5. **Date:**Sun, 13 Oct 2013 03:20:59 GMT

* 1. {"retcode":0,"result":"ok"}

# 获取验证码

* 2. **Request URL:**[**https://ssl.captcha.qq.com/getimage?aid=1003903&r=0.7291774027980864&uin=398117542**](https://ssl.captcha.qq.com/getimage?aid=1003903&r=0.7291774027980864&uin=398117542)
  3. **Request Method:**GET
  4. **Status Code:**200 OK
  5. **Request Headers**view source
     1. **Accept:**image/webp,\*/\*;q=0.8
     2. **Accept-Encoding:**gzip,deflate,sdch
     3. **Accept-Language:**zh-CN,zh;q=0.8
     4. **Connection:**keep-alive
     5. **Cookie:**ptui\_loginuin=910390181; o\_cookie=910390181; pt2gguin=o0910390181; uin=o0910390181; skey=@4Wa5HrwcW; ptcz=d35abf770ecdda6e3a901b63309be277e2a72f82877934f70c591c0298ffadbb; ptisp=ctc; pgv\_pvid=1153201692; pgv\_info=ssid=s6467226612&pgvReferrer=
     6. **Host:**ssl.captcha.qq.com
     7. **Referer:**[**https://ui.ptlogin2.qq.com/cgi-bin/login?daid=164&target=self&style=5&mibao\_css=m\_webqq&appid=1003903&enable\_qlogin=0&no\_verifyimg=1&s\_url=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html&f\_url=loginerroralert&strong\_login=1&login\_state=10&t=20130903001**](https://ui.ptlogin2.qq.com/cgi-bin/login?daid=164&target=self&style=5&mibao_css=m_webqq&appid=1003903&enable_qlogin=0&no_verifyimg=1&s_url=http%3A%2F%2Fweb2.qq.com%2Floginproxy.html&f_url=loginerroralert&strong_login=1&login_state=10&t=20130903001)
     8. **User-Agent:**Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.69 Safari/537.36
  6. **Query String Parameters**view source  
     view URL encoded
     1. **aid:**1003903
     2. **r:**0.7291774027980864
     3. **uin:**398117542
  7. **Response Headers**view source
     1. **Accept-Ranges:**bytes
     2. **Connection:**keep-alive
     3. **Content-Length:**2424
     4. **Content-Type:**image/jpeg
     5. **Date:**Sun, 13 Oct 2013 02:47:07 GMT
     6. **P3P:**CP=CAO PSA OUR
     7. **Pragma:**No-cache
     8. **Server:**nginx/0.7.67
     9. **Set-Cookie:**verifysession=h02Z09rF2vVp0k1MqbOl-2dO5j7-hsor3ADV3yUu5MJ8N1qynH8KyHLHNGsPOChOTcbKmxq\_enVMayuhk9bsWv4hA\*\*; PATH=/; DOMAIN=qq.com;