WebPascal script model tutorial - Http cross-domain request

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In web development or interface development, we often need to forward some http requests, that is, cross-domain requests or intra-domain requests in js, such as
Http://www.offeu.com to request the interface of http://www.ykipa.com, in js we need to set some parameters on the requested side to allow cross-domain requests, not in the script model Need to be so troublesome, directly call the built-in function HTTP, it is based on delphi xe8 and later integrated Httpclient to achieve, support https request.

```
1   <?
2      (*Description: HTTP request forwarding function, fixed 9 parameters, support ssl
3      parameters:
4      0:vUrl.asText URL, such as http:// or https://
5      1:vParam.asText Parameters, please use & interval, self-encode the value, pass in or pass
       after setting, need to encode
6      2:vHeaders.asText Custom http header, passed in after encoding
7      3:vMethod.asText='GET' Currently supports four methods of soap/post/get/json
8      4:vTimeout.asInteger=1000 Timeout setting, no less than 100 milliseconds, 1000
       seconds
9      5:RequestCodeing.asInteger=65001 65001=utf8 936=gbk
10     6:vResponseCoding.asInteger=65001
11     7:vEncodeing.asBoolean=true Whether to encode the parameters
12     8:vDecoding.asBoolean=false Whether to decode the return value
13     Call: <? HTTP (URL, parameter, http header, request method, timeout, commit encoding, return
       encoding, whether encoding, whether to decode);
14     Returns: rtc_Text text
15     Case: *)
16     // Get the specified encoded file content
17     HTTP('http://offeu.com/gbk.txt','','','GET',10000,936,936,false,false);' >>> '
18     HTTP('http://offeu.com/gbk.txt','','','GET',10000,936,936,false,true);'<br>'
19
20     HTTP('http://offeu.com/utf8.txt','','','GET',10000,65001,65001,false,false);' >>> '
21     HTTP('http://offeu.com/utf8.txt','','','GET',10000,65001,65001,false,true);'<br>'
22
23     // Pass utf8 in the past, then retrieve and decode
24     HTTP('http://offeu.com/ask/echo.api','id='+Urlencode('测试',65001,true),'','POST',
25        10000,65001,65001,false,false);' >>> '
26     HTTP('http://offeu.com/ask/echo.api','id=测试','','POST',10000,65001,65001,true,
27        true);'<br>'
28
29     // Pass gbk in the past, then take it back and decode it
30     HTTP('http://offeu.com/ask/echo.api','id='+Urlencode('测试',936,true),'','POST',
31        10000,65001,65001,false,false);' >>> '
32     Urlencode(HTTP('http://offeu.com/ask/echo.api','id=测试','','POST',10000,936,65001,
33        true,false),936,false);'<br>'
34
35     // Ali went to the market api test, ssl protocol test
36     $x:=JsonToRecord(HTTP('http://offeu.com/ask/getip.api','','','GET',5000,65001,
37        65001,false,false));
38     HTTP('https://dm-81.data.aliyun.com/rest/160601/ip/getIpInfo.json'
39     ,'ip='+$x('ip'),// If the script is on the server, directly CLIENT.IP will do, no
       need to turn
40     'Authorization='+URLencode('APPCODE 623dd1f8a3c44be1b21177eda4330978',65001,true),
41     'get',10000,65001,65001,false,false);
42   ?>
```

I also sent an article specifically on how to call the IP query interface in the Alibaba Cloud API market, which is https. You can check it out and the steps are simple.

Personally think that http request forwarding is a more common function, so give priority to introduce, so you can implement many functions through script, such as providing a unified background interface for your mobile app, to transfer weather forecast, SMS sending, barcode Generate and other three-party interfaces.