



Automation Studio Evaluation License 无法提交申请表单的解决方法

1.1 问题描述：

目前AS4.3或者AS4.2.10以上的AS安装后需要使用25位的Evaluation License才能进行90天的试用，否则AS都无法打开使用。

The screenshot shows the B&R Automation Studio Licensing page. The page has a navigation bar with links like Company, Industries, Technologies, Products, Events, Academy, Career, Downloads, and Service. The main content area is titled 'Automation Studio Licensing' and 'Evaluation license for Automation Studio'. It contains a form with fields for personal and company information, including name, email, company, division, street, postal code, city, country, position, website, telephone, industry, field of activity, and reason for request. A checkbox for 'I have read the End User License Agreement (EULA) and accept the conditions therein.' is present. The 'Send' button is highlighted with a yellow circle.

Service

- MyPortal
- Support Portal
- Material Return Portal
- Software registration
- Support request
- Personal Uploads
- Remote Access
- Online meeting
- Suppliers

Automation Studio Licensing

Evaluation license for Automation Studio

An evaluation license allows unrestricted use of Automation Studio for 90 days. After this time, a new license is required. Commercial use of the software is not permitted. Automation Studio can be downloaded free of charge from the [B&R website](#).

For more information, see the [EULA](#).

Form of address *:

First name *:

Last name *:

Email *:

Company *:

Division:

Street, house number *:

Postal code *:

City *:

Country *:

Position/Function in company:

Website:

Telephone:

Industry:

Field of activity:

Reason for request *:

I have read the [End User License Agreement \(EULA\)](#) and accept the conditions therein. *: ☐

* Mandatory field



但是在 <https://www.br-automation.com/en/service/automation-studio-licensing/> 中申请Evaluation License时，填写完必要信息后，无论怎么点Send后无论如何都没有反应，无法申请到授权码而导致AS无法使用。

原因分析：

查看<https://www.br-automation.com/en/service/automation-studio-licensing/> 这个网页的框架源代码，发现其中引用了 <https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js>

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Evaluation license for Automation Studio</title>
5    <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
6    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>
7    <script type="text/javascript">
8      $(document).ready(function() {
9        $("#tr6").hide();
10       $("#di_submit").bind("click", function(event) {
11         $(this).unbind(event);
12         $("#form-trial-lic").submit();
13       });
14     });
15   </script>
16   <link rel="stylesheet" href="css/styles.css" type="text/css" media="all" />
17 </head>
18 <body>
19   <h2>Evaluation license for Automation Studio</h2>
20   <p>
21     An evaluation license allows unrestricted use of Automation Studio for 90 days. <br />
22     After this time, a new license is required. Commercial use of the software is not permitted. <br />
23     Automation Studio can be downloaded free of charge from the <a href="https://www.br-automation.com/" target="_blank">B&R website</a>. <br />
24     For more information, see the <a href="EULA_for_Automation_Studio_EN.pdf" target="_blank">EULA</a>. <br />
25   </p>
26   <form id="form-trial-lic" method="POST">
27     <table>
28       <tbody>
29         <tr id="tr1">
30           <td><label class="labeltext" for="di_salutation">Form of address *: </label></td>
31           <td><select class="inputtext" id="di_salutation" name="di_salutation">
32             <option value=""></option>
33             <option value="Mr.">Mr. </option>
34             <option value="Mrs.">Mrs. </option>
35           </select></td>
36         </tr>
37         <tr id="tr2">
38           <td><label class="labeltext" for="di_firstname">First name *: </label></td>
39           <td><input type="text" class="inputtext" id="di_firstname" name="di_firstname" value="" /></td>
40         </tr>
41         <tr id="tr3">
42           <td><label class="labeltext" for="di_lastname">Last name *: </label></td>
43           <td><input type="text" class="inputtext" id="di_lastname" name="di_lastname" value="" /></td>
44         </tr>
45         <tr id="tr4">
46           <td><label class="labeltext" for="di_email">Email *: </label></td>
47           <td><input type="text" class="inputtext" id="di_email" name="di_email" value="" /></td>
48         </tr>
49       </tbody>
50     </table>
51   </form>

```

googleapis.com是谷歌提供的公众功能，可以直接引用上面的文件和使用一些服务。因为谷歌服务器在宽带上的优势，很多网站，都加载了这个域名的一个或多个文件。这个网站有多个子域名，其中被广泛应用的有ajax， fonts， maps， translate。由于Google已经完全被GFW阻挡，所以一些像ajax.googleapis.com等前端公共库无法加载。所以点Send无法继续的情况，应该就是



ajax.googleapis.com无法访问的后果。

1.2 解决方法：

所以下面介绍一种可以较为方便实现，可以突破以上所述封锁的方法。思路就是既然googleapis.com被墙，那是否有替代其功能的、没有被墙的服务？答案是有的，中科大这边就有与google完全相同功能的镜像服务，服务器就在中科大的服务器上。如果我们能把原始网页上的google的部分都替代成中科大的部分不就可以了么？

有位程序员(gooreplacer by Liu Jiakai)，开发出Chrome及Firefox中可以使用的插件，这个插件在你打开网页时，检测是否引用了google fonts/apis/themes这些墙外的东西，如果有，进行重定向，重定向到科大为google提供的国内替换库。替换规则如下：

fonts.googleapis.com----->fonts.lug.ustc.edu.cn

ajax.googleapis.com----->ajax.lug.ustc.edu.cn

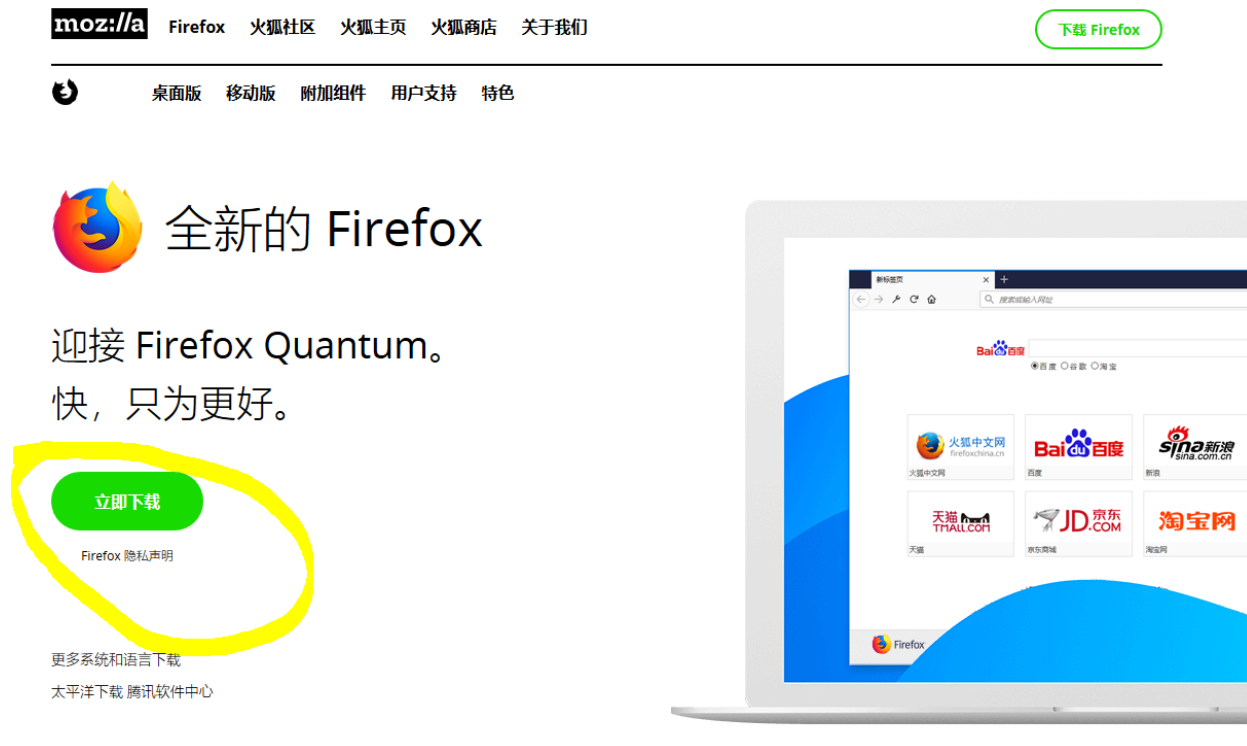
themes.googleusercontent.com----->google-themes.lug.ustc.edu.cn

fonts.gstatic.com----->fonts.gstatic.lug.ustc.edu.cn

我们以Firefox为例，演示如何安装这个gooreplacer这个插件来解决Automation Studio Evaluation License无法提交申请表单的问题：

1.2.1 下载并安装 Firefox 浏览器：

<http://www.firefox.com.cn/> （中文版，对客户很友好）



1.2.2 安装 gooreplacer 插件：

使用刚装好的Firefox浏览器访问：<https://addons.mozilla.org/zh-CN/firefox/addon/gooreplacer/>

添加到Firefox并且再次添加确认就可以了：



1.2.3 添加重新定向规则

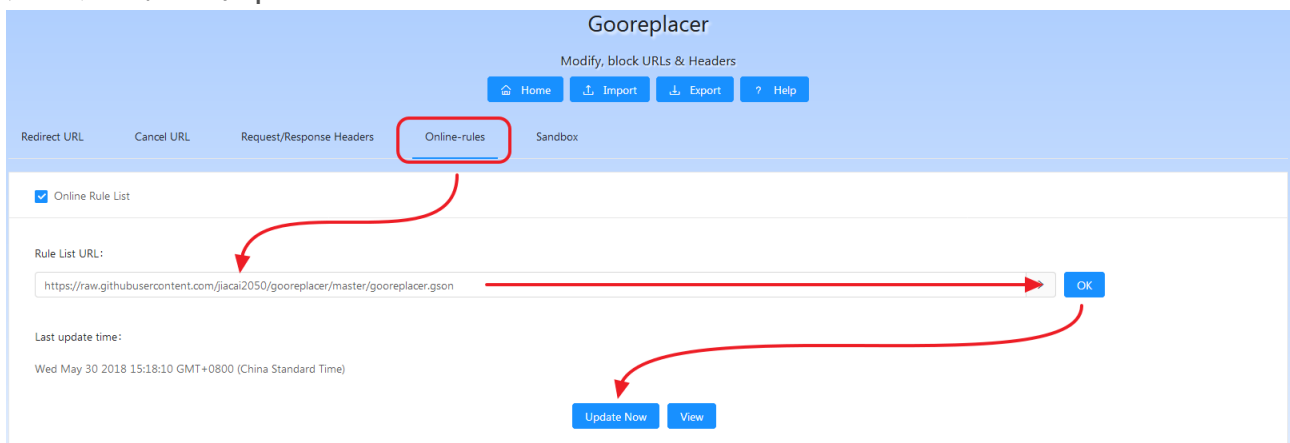
打开右上角的gooreplacer的图标



选择Online-rules，在Rule List URL中输入：

<https://raw.githubusercontent.com/jiacai2050/gooreplacer/master/gooreplacer.gson>

并且确认，点击Update Now。





更行成功后可以在View中看到重新定向的规则列表，则表示导入成功

Online rules ×

Redirect/Cancel Rules

| Purpose | Source | Kind | Enable | Destination |
|-------------|---------------------------------|----------|--------|---|
| redirectUrl | ajax.googleapis.com | wildcard | true | ajax.proxy.ustdug.org |
| redirectUrl | storage.googleapis.com | wildcard | true | storage-googleapis.proxy.ustdug.org |
| redirectUrl | gerit.googleusercontent.com | wildcard | true | gerit-googleusercontent.proxy.ustdug.org |
| redirectUrl | themes.googleusercontent.com | wildcard | true | google-themes.proxy.ustdug.org |
| redirectUrl | platform.twitter.com/widgets.js | wildcard | true | cdn.rawgit.com/jiacai2050/gooreplacer/gh-pages/proxy/widgets.js |
| redirectUrl | apis.google.com/js/api.js | wildcard | true | cdn.rawgit.com/jiacai2050/gooreplacer/gh-pages/proxy/api.js |
| redirectUrl | apis.google.com/js/plusone.js | wildcard | true | cdn.rawgit.com/jiacai2050/gooreplacer/gh-pages/proxy/plusone.js |

Total: 7 rules < 1 > 10 / page ▼

Request/Response Headers Rules

| Purpose | Source | Kind | Enable | Operation | name | value |
|---------|--------|------|--------|-----------|------|-------|
| No data | | | | | | |

Clear ALL online rules

打开 <https://www.br-automation.com/en/service/automation-studio-licensing/> 就可以填写注册信息并且点 Send 发送申请了，就可以收到总部服务器发来的 Evaluation License 了。