

Forum:[Hack Forums](#)

Thread: [\[Help\] Struggling with bot focused on automating tasks](#)

brotherbrother - September 10, 2016, 6:26 am

Hi,

I am making a bot to register on website. About 1 year ago I bought a bot which was working properly. Couple months ago few new security things appeared which made bot useless. After that I started to learn programming to make my own application.

First security:

1 ip address - 3 registration possible

Allright, I have VPN.

Second security:

If I enter a site and go to register field, fill everything and then change my ip - I can't register. I don't know if it is a common thing, or not. I have to have same ip on single session to register.

Third security:

Captcha.

Well, they added few more characters (website is not in english), so I can't use any captcha solvers.

But that's how I tried to overcome these above:

I've got a code from bot which I bought and tried to recode. I managed that site does not change much. But, the captcha is different. It seems to change after every request. Even if I obtain captcha with cookies and use the same cookies to send POST data to register it does not work. I mean request is well built (I think so), but captcha code I submitted seems to be wrong.

After that I created bot with webBrowsers. At first I wanted to have 30 webBrowsers in single c# app. Just fill every captcha, click a button and let app do the work (it would change ip after 3 submits automatically - VPN api).

But unfortunately I have to have the same ip on single session to be able to register.

So.. I deleted 27 webBrowsers; 3 left. Then I saw something weird. Everytime when I start registering (3 webBrowsers at once) only last webBrowser registers successfully. There is an error "wrong captcha" on first two. So I discovered, that when I try to register 3 accounts from 3 webBrowsers at once it does not work. Seems like only the last captcha loaded for my session is valid:

When I opened 3 new tabs in Google Chrome (register site) the first two said that captcha was wrong. In last tab captcha was valid.

When I opened register website: 1 in Google Chrome and 1 in Firefox there was valid captcha in both.

That means captcha is assigned to my session (or cookies). But.. Why I can use Chrome+Firefox, but I can't use 2x webBrowsers? 2 separate webBrowsers should contain different cookies and

be recognized as 2 separate session..

What has to be said, there is also no problem to register 3 account one by one (I wanted to use 30 webBrowsers instead of 1, because registering one by one is sooo slow).

Let me show you the code. To use 3 webBrowsers at once I used foreach. Here's code:

Button1 - Navigation:

```
Code foreach (var c in this.Controls.OfType<WebBrowser>())
{
    c.Navigate("example.com");
}
```

Button2 - submit data and obtain captcha image:

```
Code      foreach (var c in this.Controls.OfType<WebBrowser>())
{

    HtmlElement email = c.Document.GetElementById("register[email]");
    HtmlElement nick = c.Document.GetElementById("register[nick]");
    HtmlElement password = c.Document.GetElementById("register[password]");
    HtmlElement repeat_password =
c.Document.GetElementById("register[repeat_password]");

    email.SetAttribute("value", "" + mailsArray[numberBrowser] + "");
    nick.SetAttribute("value", "" + nicksArray[numberBrowser] + "");
    password.SetAttribute("value", "ExamplePassword!");
    repeat_password.SetAttribute("value", "ExamplePassword");

    Getmg(c); //obtain captcha image
    object o = Clipboard.GetDataObject().GetData("Bitmap"); //Captcha image sits in
clipboard
    pictureBoxes[numberBrowser + 1].Image = (Image)o;

    numberBrowser++;
}
```

Button3 - Submit captcha:

```
Code foreach (var c in this.Controls.OfType<WebBrowser>())
{
    HtmlElement captcha = c.Document.GetElementById("captcha_code");

    captcha.SetAttribute("value", "" + textBoxs[numberCaptcha].Text + "");
    numberCaptcha++;
}
```

Button4 - Click "register"

```
Code foreach (var c in this.Controls.OfType<WebBrowser>())
{
    c.Document.GetElementById("submit").InvokeMember("Click");
}
```

Sooo? What should I do?

- I cant use super fast webrequest, because In some way I cant (my programming skills are not good enough) generate valid captcha.

- I cant use 30 webBrowsers to increase registering speed, because I can't change ip during session

- I cant use even 3 webBrowsers, because in some way they are not recognized like Chrome + Firefox. They are not isolated from each other.

Do you have any idea what could I do?

I also would like to show you Fiddler requests:

1. Get register page:

Code GET http://example.com/register.html HTTP/1.1

Host: example.com

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 6.1; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/52.0.2743.82 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Accept-Encoding: gzip, deflate, sdch

Accept-Language: pl-PL,pl;q=0.8,en-US;q=0.6,en;q=0.4

2. Get captcha image:

Code GET http://example.com/captcha/captcha.jpg?6075259 HTTP/1.1

Host: example.com

Connection: keep-alive

User-Agent: Mozilla/5.0 (Windows NT 6.1; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/52.0.2743.82 Safari/537.36

Accept: image/webp,image/*,*/*;q=0.8

Referer: http://example.com/register.html

Accept-Encoding: gzip, deflate, sdch

Accept-Language: pl-PL,pl;q=0.8,en-US;q=0.6,en;q=0.4

Cookie: PHPSESSID=aabsj1gmki20b1am6jfm26vqhgi45m5

3. Post register:

Code POST http://example.com/register.html HTTP/1.1

Host: example.com

Connection: keep-alive

Content-Length: 407

Cache-Control: max-age=0

Origin: http://example.com

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 6.1; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/52.0.2743.82 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://example.com/register.html

Accept-Encoding: gzip, deflate

Accept-Language: pl-PL,pl;q=0.8,en-US;q=0.6,en;q=0.4

Cookie: PHPSESSID=aabsj1gmki20b1am6jfm26vqhgi45m5;
__gfp_64b=WesbzlfvttqKGf4skZz1yIY12p8BSF2bruF2QVBEZsn.d7;
example_ubi=201609101337401638120006;
examplezuo_ticket=C2E372688D195908AFCE9B28E404413E0100C4FF119DC34FC7619C2069E8DFDE63490000000000000000D407DD37000000;
example_cid=ca9c9c3b5caa456ef451023d68e1d233; ea_uuid=201609101337400254300327;
example_cinf=2; _ga=GA1.2.839674745.1473507475; _gat=1

register%5Bemail%5D=sdanjadsjnkasdd%40gmail.com®ister%5Bnick%5D=adshadsjasd®ister%5Bpassword%5D=Pass123456!®ister%5Brepeat_password%5D=Pass123456!&captcha_code=Tk%C5%BAFN%C4%87H®ister%5Brules_accepted%5D=1®ister%5Bpromo_email_accepted%5D=1®ister%5Brules_changed%5D=1&_ws=1920x1080x24&_p=ee6f620109c2a0086626d4bd45b99bf2&_f=d41d8cd98f00b204e9800998ecf8427e&_c=2354c7629ef8b67f5aade98a1d0a3d71

And WebForms view of post's register

Ninja - September 10, 2016, 1:21 pm

I suggest staying away from WebBrowser components as they are very resource intensive and not very friendly when botting. Consider using webrequests instead, or even sockets and mimic the requests sent with fiddler as good as you can.

brotherbrother - September 11, 2016, 4:08 am

(Sep 10, 2016 01:21 PM)Ninja Wrote: [\[CITE\]](#) I suggest staying away from WebBrowser components as they are very resource intensive and not very friendly when botting. Consider using webrequests instead, or even sockets and mimic the requests sent with fiddler as good as you can.

The problem is, even if I obtain captcha with cookies "X" and post the data with the same cookies "X" it says, that there is problem with creating account.

Ninja - September 11, 2016, 6:43 am

(Sep 11, 2016 04:08 AM)brotherbrother Wrote: [\[CITE\]](#) The problem is, even if I obtain captcha with cookies "X" and post the data with the same cookies "X" it says, that there is problem with creating account.

Then either you are doing something wrong or you're missing something else.