

Forum:[Hack Forums](#)

Thread: [\[Tutorial + source\] Embed Mozilla Gecko \(Firefox\) browser to your project \[vb.net\]](#)

Crash-Override - June 28, 2011, 11:12 pm

By using GeckoFX you can simply replace the IE default browser with a more powerful and speedy Firefox engine.

[img]http://i.min.us/id5RfQ.gif[/img]

Spoiler [\(Click to View\)](#)

Hackforums loads slower as usual, if you have noticed.

GeckoFX is a Windows Forms control written in clean, commented C# that embeds the Mozilla Gecko browser control in any Windows Forms Application.

Steps to implement GeckoFX.

1. Go [here](#) and download the binary Skybound.Gecko.dll
2. Go to your form and add the gecko.dll .net component.
3. You can now see the gecko web browser in the toolbox. Drag it to your form.
4. You will need XULLRUNNER which is a mozilla run time package download it from [here](#).

Spoiler [\(Click to View\)](#)

XULRunner is a Mozilla runtime package that can be used to bootstrap XUL+XPCOM applications that are as rich as Firefox and Thunderbird. It will provide mechanisms for installing, upgrading, and uninstalling these applications. XULRunner will also provide libxul, a solution which allows the embedding of Mozilla technologies in other projects and products.

5. Once downloaded you need to invoke the xullrunner in start up, the run-time environment for GeckoFX Mozilla component is managed by xullrunner.

So you need to put this code in start-up, remember that this startup event is in the "Application".

PHP Code

```
<?php
```

```
Private Sub MyApplication_Startup(ByVal sender As Object, ByVal e As Microsoft.VisualBasic.  
ApplicationServices.StartupEventArgs) Handles Me.Startup  
Skybound.Gecko.Xpcom.Initialize("C:\xulrunner")  
End Sub
```

The browser component will not work without the xulrunner. In this typical browser example I am Initializing the xulrunner from "c:\xulrunner". So you need to extract the xulrunner in C:\xulrunner folder. Also remember that the location must contain "xulrunner.exe".

That's all about the initializing setup. Once you are done with it, the coding syntax is almost similar to the default webbrowser component.

example :
PHP Code
<?php
GeckoWebBrowser1.Navigate("www.google.com")

The Mozilla browser component is faster and efficient than the normal default IE browser.

Download : xxxx feedback, and I will Pm you the source :)
password : hackforums

The web browser is currently limited in functionality, I just included the basic functions and a history. You can modify it if you want. Happy coding and do remember to feedback..

Cody8295 - June 28, 2011, 11:21 pm

This looks a lot like the tut exero posted a month or so back.

Crash-Override - June 28, 2011, 11:22 pm

(Jun 28, 2011 11:21 PM)Cody8295 Wrote: [\[CITE\]](#) This looks a lot like the tut exero posted a month or so back.

I didn't know if there was a tutorial on this. I just posted this cuz I saw some guy asking to see a tutorial on geckoFX.

can you link me to that thread if you don't mind ?

Cody8295 - June 28, 2011, 11:22 pm

(Jun 28, 2011 11:22 PM)Crash-Override Wrote: [\[CITE\]](#) I didn't know if there was a tutorial on this. I just posted this cuz I saw some guy asking to see a tutorial on geckoFX.

can you link me to that thread if you don't mind ?

<https://hackforums.net/showthread.php?tid=1238091>

Crash-Override - June 28, 2011, 11:25 pm

(Jun 28, 2011 11:22 PM)Cody8295 Wrote: [\[CITE\]](#)

<https://hackforums.net/showthread.php?tid=1238091>

If you can download and see the source code. Its nothing like the other tutorial. It's much simpler :)

EDIT : Step 2.

Put the entire xulrunner folder after it is extracted into the debug folder also.

^^ This in the other tutorial is completely unnecessary.

Dawncore - June 28, 2011, 11:27 pm

The other tutorial on this was terrible.

Crash-Override - June 28, 2011, 11:32 pm

(Jun 28, 2011 11:27 PM)1337™ Wrote: [\[CITE\]](#) The other tutorial on this was terrible.

I will take it as a feedback ;) thanks.

Manager - June 28, 2011, 11:54 pm

le is good browser

Version 9 have lot of good changes

Pioneer# - June 29, 2011, 12:29 am

Vouch for you Mate.. He is really a great GUY!!! :)

Cody8295 - June 29, 2011, 12:52 am

(Jun 29, 2011 12:29 AM)Wolv3rine Wrote: [\[CITE\]](#) Vouch for you Mate.. He is really a great GUY!!! :)
Why would he need a vouch? He's not selling anything, this is a tutorial.

Deceptive - June 29, 2011, 1:04 am

(Jun 29, 2011 12:52 AM)Cody8295 Wrote: [\[CITE\]](#) Why would he need a vouch? He's not selling anything, this is a tutorial.
Apparently vouch is losing it's original definition and means he is "supporting" the OP's post?

Stenography - June 29, 2011, 4:10 am

I LOVE IT ?

Thank you so much !

Regards.

ra1d - June 29, 2011, 5:12 am

Looks great, I've never seen a tutorial on how to use GeckoFX.
I would like to receive the source.

Good job dude!

iCoder - June 29, 2011, 5:20 am

Seems to be very much explaining code and would love to check it out. Downloading the source and I might just make something big using this :P

Thanks for the tut dear.

Crash-Override - June 29, 2011, 5:38 am

(Jun 29, 2011 04:10 AM)PolarX Wrote: [\[CITE\]](#) I LOVE IT ?

Thank you so much !

Regards.

you are welcome mate and thanks for the feedback. (Jun 29, 2011 05:12 AM)Rand0m™ Wrote:
[\[CITE\]](#) Looks great, I've never seen a tutorial on how to use GeckoFX.
I would like to receive the source.

Good job dude!

source link sent. check your pm :) (Jun 29, 2011 05:20 AM)iCoder Wrote: [\[CITE\]](#) Seems to be very much explaining code and would love to check it out. Downloading the source and I might just make something big using this :P

Thanks for the tut dear.

you are welcome and source link sent to your PM.

dayan - June 29, 2011, 6:07 am

Sexy browser you have there!

Any learning sources is always appreciated.

Would love to have a copy of this.

Bossmous - June 29, 2011, 6:12 am

GREAT Tutorial, I've mad various webbrowsers using the IE engine, and they all sucked lol. I would

love this! Thanks :)

Crash-Override - June 29, 2011, 9:47 am

(Jun 29, 2011 06:12 AM)Bossmous Wrote: [\[CITE\]](#) GREAT Tutorial, I've mad various webrowsers using the IE engine, and they all sucked lol. I would love this! Thanks :)
You are welcome, already sent the source to you :)

noober1001 - June 30, 2011, 1:25 pm

Thanks for this tut.
I will definitely use this.

Crash-Override - June 30, 2011, 3:49 pm

(Jun 30, 2011 01:25 PM)noober1001 Wrote: [\[CITE\]](#) Thanks for this tut.
I will definitely use this.
I hope I can see a fully functional geckoFX browser released some day. :)

.Accursed - July 1, 2011, 10:04 pm

guys i cant see the GeckWebBrowser tool on my VB08 , i imported the Skybound.Gecko.dll but i didn't see it why:(

ikram - July 2, 2011, 12:18 am

wow..dude owsome job...CAN U PLEASE SEND ME THE SOURCE CODE..

Crash-Override - July 2, 2011, 2:59 am

(Jul 2, 2011 12:18 AM)ikram Wrote: [\[CITE\]](#) wow..dude owsome job...CAN U PLEASE SEND ME THE SOURCE CODE..
Thanks and sure mate check your PM ;)

Vazity - July 2, 2011, 4:03 am

Really nice, thanks for this! :)

Kind Regards,
Wolf

Crash-Override - July 2, 2011, 4:38 am

(Jul 1, 2011 10:04 PM).Accursed Wrote: [\[CITE\]](#) guys i cant see the GeckWebBrowser tool on my VB08 , i imported the Skybound.Gecko.dll but i didn't see it why:(
Be patient and look through the entire list. You will find it.

.Accursed - July 2, 2011, 6:17 pm

i have an error bro...i tested my browser on another PC but it did not open :(

Banks? - July 2, 2011, 7:12 pm

(Jul 2, 2011 06:17 PM).Accursed Wrote: [\[CITE\]](#) i have an error bro...i tested my browser on another PC but it did not open :(
I swear this seems to happen all the time to people. Does the other computer have .NET Framework? Did you include the .dll's in the package?

.Accursed - July 2, 2011, 8:51 pm

(Jul 2, 2011 07:12 PM)Banksy™ Wrote: [\[CITE\]](#) I swear this seems to happen all the time to people. Does the other computer have .NET Framework? Did you include the .dll's in the package?

yeah.. the Skybound.Gecko.dll what other DLL?

and the error is Unhandled Exception

Crash-Override - July 3, 2011, 3:44 am

(Jul 2, 2011 06:17 PM).Accursed Wrote: [\[CITE\]](#) i have an error bro...i tested my browser on another PC but it did not open :(

The other pc should have xulrunner component. (Jul 2, 2011 07:12 PM)Banksy™ Wrote: [\[CITE\]](#) I swear this seems to happen all the time to people. Does the other computer have .NET Framework? Did you include the .dll's in the package?

only .NET framework and xulrunner package is needed to run it. (I mean the executable)

.Accursed - July 3, 2011, 4:01 am

ok...on the Webbrowser it has an error the dont send

Crash-Override - July 3, 2011, 12:31 pm

(Jul 3, 2011 04:01 AM).Accursed Wrote: [\[CITE\]](#) ok...on the Webbrowser it has an error the dont send There is no error in the code. You have to tell me exactly what errors you got. Are you using my source ?

gifar_ucuL - August 7, 2011, 1:22 am

nice mate PM sent hihi xD

Dally180 - August 7, 2011, 3:26 am

Only use this for simple needs, dont use it in bots because you cant. There isnt any code to fill textboxes or click buttons. Sure has faster loading speeds but the webbrowser control has a much better code selection.

hnokia6030 - August 9, 2011, 12:25 am

I just saw ur thread on Embed Mozilla Gecko and the word that just came out of my mouth was "WOW, is it possible"... I am really impressed by the program gif and i really want to see the coding so that i can learn something new from it...

can i have the source please... THanx....

***.dll** - August 9, 2011, 2:01 am

Can anybody tell me how to click button in geckowebbrowser programically... this not working:

```
geckowebbrowser1.document.getelementbyid("id").invokemember("click")
```

Please help me....

Crash-Override - September 4, 2011, 10:21 am

(Aug 9, 2011 02:01 AM)adell89 Wrote: [\[CITE\]](#) Can anybody tell me how to click button in geckowebbrowser programically... this not working:

```
geckowebbrowser1.document.getelementbyid("id").invokemember("click")
```

Please help me....

I haven't checked that yet.. will post back after check it.

Edit: I think your syntax is wrong.

trungtrung - September 12, 2011, 1:16 am

(Aug 7, 2011 03:26 AM)Dally180 Wrote: [\[CITE\]](#) Only use this for simple needs, dont use it in bots because you cant. There isnt any code to fill textboxes or click buttons. Sure has faster loading speeds but the webbrowser control has a much better code selection.

I can fill textboxes:

```
GeckoWebBrowser1.Document.GetElementById("Textbox_ID").SetAttribute("value",  
TextBox1.Text)
```

but i can't click button...

(Sep 4, 2011 10:21 AM)Crash-Override Wrote: [\[CITE\]](#) I haven't checked that yet.. will post back after check it.

Edit: I think your syntax is wrong.

help me! how can i click button with element id?

is it impossible to click buttons in gecko webbrowser?

kongkings8899 - September 12, 2011, 2:21 am

seems good

let me check it out

thanks for sharing this tutorial

Crash-Override - September 12, 2011, 8:46 am

(Sep 12, 2011 01:16 AM)trungtrung Wrote: [\[CITE\]](#) I can fill textboxes:

```
GeckoWebBrowser1.Document.GetElementById("Textbox_ID").SetAttribute("value",  
TextBox1.Text)
```

but i can't click button...

help me! how can i click button with element id?

is it impossible to click buttons in gecko webbrowser?

```
GeckoWebBrowser1.Document.Forms.Item(0).GetElementsByTagName("value").Item("value").InvokeMember("click")
```

This should work..

trungtrung - September 12, 2011, 9:20 am

I'm using GeckoFX v1.9.1.0, I have seen your code and i think there is a problem.. hmm.. it's hard to explain that problem here because I'm not good at english, but you can see in my picture...

[IMG]<http://i322.photobucket.com/albums/nn408/881817258/gecko2.jpg>[IMG]

[IMG]<http://i322.photobucket.com/albums/nn408/881817258/gecko.jpg>[IMG]

your code doesn't work

have another way?

plz., it is really necessary for me now..

Crash-Override - September 12, 2011, 11:11 am

(Sep 12, 2011 09:20 AM)trungtrung Wrote: [\[CITE\]](#) I'm using GeckoFX v1.9.1.0, I have seen your code and i think there is a problem.. hmm.. it's hard to explain that problem here because I'm not good at english, but you can see in my picture...

[IMG]<http://i322.photobucket.com/albums/nn408/881817258/gecko2.jpg>[/IMG]

[IMG]<http://i322.photobucket.com/albums/nn408/881817258/gecko.jpg>[/IMG]

your code doesn't work

have another way?

plz.., it is really necessary for me now..

Use your brain kid !!

2. Go to your form and add the gecko.dll .net component.

trungtrung - September 13, 2011, 6:35 am

sorry

..but you can upload your project here?

i think there are many people whom need it

OBliViON - October 8, 2011, 12:55 pm

yea like me, id give you alot of rep(if i could), if you'd upload your project that would click the online button

SIM-955290 - October 8, 2011, 1:14 pm

Really nice, i have been looking for something like this :)

chester1997 - November 5, 2011, 6:45 am

Nice project man but can you please send me the source mine is having navigating issues, also which Xulrunner can you use(except for the version 6) I mean the latest ones.

decompiler - November 5, 2011, 9:32 am

Wow looking nice +
pming right now

ayteh - November 6, 2011, 9:13 am

thanks for the tutorial .,looks great.. can i have the source?

?us?ness - November 6, 2011, 9:25 am

I like it. Different source code then the other tutorial

Crash-Override - January 27, 2012, 10:50 am

(Nov 6, 2011 10:25 AM)LowKey.Gov Wrote: [\[CITE\]](#) I like it. Different source code then the other tutorial

yeah its pretty simpler than the other ones here.

XtreemGame - May 6, 2012, 1:56 am

Can i get the source code????

Great Tutorial :)

SIM-947411 - *May 6, 2012, 3:09 am*

can i have the source of this pack plz
thanks in advance