

Forum:[Hack Forums](#)

Thread: [My online compiler \(Try it!\)](#)

ubbelol - August 6, 2013, 1:46 pm

Just recently started coding in ASP.NET, and this is one of my first projects. :P It's really simple, and probably pretty buggy as well but whatever I thought i'd give you guys a chance to try it out. It's basically an "online compiler" which allows you to compile C# or VB code and see the output when app is ran, or download the entire compiled file.

Please give me feedback if this is something you think is worth continuing work on, or if it's useless.

Try it: <http://ubbe1.azurewebsites.net>

How it works:

User submits code -> Code is compiled to an application on virtual server -> return compiled file/run file and read output -> display output

Madara-Uchiha - August 6, 2013, 1:51 pm

Hm.... I get this:

HTTP Error 503. The service is unavailable.

ubbelol - August 6, 2013, 1:52 pm

(Aug 6, 2013 01:51 PM)Madara-Uchiha Wrote: [\[CITE\]](#) Hm.... I get this:

HTTP Error 503. The service is unavailable.

Yeah site seems to go up and down a lot. :o That's not my fault though, blame windowsazure. Just try it again in a few minutes.

Marwix - August 6, 2013, 1:56 pm

Will try this out, thank you i guess xD

Ska verkligen testa programmet, hoppas det funkar :)

C3ol - August 6, 2013, 1:58 pm

haha simple if u know php i made online crypter

look nice u can use vps and make some \$

ubbelol - August 6, 2013, 4:07 pm

(Aug 6, 2013 01:58 PM)C3ol Wrote: [\[CITE\]](#) haha simple if u know php i made online crypter

look nice u can use vps and make some \$

This isn't php, though. ._. And yes it's simple, it's like my second website ever using asp.

+Bourbon - August 6, 2013, 4:13 pm

Nice app Ubbe :)

I presume you're using CodeDOM and not Roslyn?

Also, I am interested to know if you're using Web Forms or MVC :D

ubbelol - August 6, 2013, 4:15 pm

(Aug 6, 2013 04:13 PM)ByteBlast Wrote: [\[CITE\]](#) Nice app Ubbe :)

I presume you're using CodeDOM and not Roslyn?

Also, I am interested to know if you're using Web Forms or MVC :D

Yep, i'm using CodeDOM. And it's MVC 4 with Razor as view engine. :)

+Bourbon - August 6, 2013, 4:18 pm

(Aug 6, 2013 04:15 PM)UbbeLoL Wrote: [\[CITE\]](#) Yep, i'm using CodeDOM. And it's MVC 4 with Razor as view engine. :)

Very nice mate. I will be joining you over at the ASP world later this year. Until then... ?

P.S Hit me up on Skype

hellomen - August 6, 2013, 5:47 pm

is it normal to get:Compilation failed! Errors:

(vbc : (0,0) : error BC30420: 'Sub Main' was not found in 'Temp7764'.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(1,0) : error BC30689: Statement cannot appear outside of a method body/multiline lambda.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(3,0) : error BC30481: 'Class' statement must end with a matching 'End Class'.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(3,0) : error BC30205: End of statement expected.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(4,0) : error BC30235: 'Static' is not valid on a member variable declaration.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(4,0) : error BC30205: End of statement expected.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(5,0) : error BC30188: Declaration expected.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(6,0) : error BC30035: Syntax error.

(C:\DWASFiles\Sites\ubbe1\Temp\mjzupz2a.0.vb(7,0) : error BC30035: Syntax error.

ubbelol - August 6, 2013, 5:48 pm

(Aug 6, 2013 05:47 PM)hellomen Wrote: [\[CITE\]](#) is it normal to get:Compilation failed! Errors:

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Are you sure you ticked the "VB.NET" radiobutton?

NETExplorer - August 6, 2013, 7:16 pm

Is there certain things you can't use?

Cause if not someone could download a shell to your server and...

it's compromised

faggotry - August 6, 2013, 9:50 pm

is the compiled files executed on your virtual server?

if so it can be hacked and your vps rooted.

pow3rful_UP - August 7, 2013, 1:32 am

(Aug 6, 2013 09:50 PM)faggotry Wrote: [\[CITE\]](#) is the compiled files executed on your virtual server?

if so it can be hacked and your vps rooted.

Yes, i already got the ip just easily...

I could even execute malware on your vps very easily..

faggotry - August 7, 2013, 2:08 am

(Aug 7, 2013 01:32 AM)pow3rful_UP Wrote: [\[CITE\]](#) Yes, i already got the ip just easily...

I could even execute malware on your vps very easily..

lol I got the ip too.

uploading some porn on his box xD

·Evolved· - August 7, 2013, 3:07 am

Do you by any chance save the source codes that people compile?

pow3rful_UP - August 7, 2013, 3:11 am

(Aug 7, 2013 03:07 AM)Xanii Wrote: [\[CITE\]](#) Do you by any chance save the source codes that people compile?

Why would you even ask him that? What stops him from saying "no" but still do it anyway?

I wouldn't trust anyone with my sensitive source codes, this compiler should be used for little apps that dont matter, not some sensitive programms.

Hopsin - August 7, 2013, 6:09 am

Interesting post. Thanks for sharing,much appreciated!

ubbelol - August 7, 2013, 8:38 am

Added some basic CSS to the site. :p (If some designer who's decent at css wants to help me out making the site look good, hit me up!)

(Aug 6, 2013 07:16 PM)PatPositron Wrote: [\[CITE\]](#) Is there certain things you can't use?

Cause if not someone could download a shell to your server and...

it's compromised

You have a really good point. :x Disabled compile+run for now until I figure something out..

(Aug 7, 2013 03:11 AM)pow3rful_UP Wrote: [\[CITE\]](#) Why would you even ask him that? What stops him from saying "no" but still do it anyway?

I wouldn't trust anyone with my sensitive source codes, this compiler should be used for little apps that dont matter, not some sensitive programmms.

This. I do not save files, pinky promise. ?

Only use this for small tests, nothing serious.

SkyRider2 - August 7, 2013, 8:49 am

Nice work OP, hope to hear updates about this soon. eg: colored syntax ect..

Skeetz - August 7, 2013, 8:52 am

I saw you disabled the option to see what the code looks like while it's running, I'm assuming someone tried to get the compiler to download and run a file lol.

ubbelol - August 7, 2013, 8:59 am

(Aug 7, 2013 08:52 AM)Skeetz Wrote: [\[CITE\]](#) I saw you disabled the option to see what the code looks like while it's running, I'm assuming someone tried to get the compiler to download and run a file lol.

It was just a precautionary action. I'll be enable it soon enough when i've set up a sandbox. :)

NETExplorer - August 7, 2013, 10:27 am

(Aug 7, 2013 08:59 AM)UbbeLoL Wrote: [\[CITE\]](#) It was just a precautionary action. I'll be enable it soon enough when i've set up a sandbox. :)

Lol glad I could help you prevent an accident ?

ubbelol - August 7, 2013, 11:51 am

(Aug 7, 2013 10:27 AM)PatPositron Wrote: [\[CITE\]](#) Lol glad I could help you prevent an accident ? I am indeed thankful for your tip. :) I'm trying to somehow get the compiled application to run in a sandbox to make enable the compile+get output option.

log dot zip - August 7, 2013, 11:55 am

Is the site running ASP.NET? And I'm guessing its running off your machine.

Remix™ - August 7, 2013, 11:57 am

This is a really awesome idea! Thanks for helping out the community!

dreamer66 - August 7, 2013, 12:12 pm

(Aug 7, 2013 11:51 AM)UbbeLoL Wrote: [\[CITE\]](#) I am indeed thankful for your tip. :) I'm trying to somehow get the compiled application to run in a sandbox to make enable the compile+get output option.

Keep in mind that although sandboxed applications can't alter things outside the sandbox they can

still access and read them just fine, so if you have any sensitive information you might want to make sure they are not accessible.

Also as an extra tip, make sure to make some checks as far as memory consumption/cpu usage/time running and so on. (I'm not sure how your application handles while (true) loops and so on but that would be an extra step to ensure that people won't be able to crash your server on purpose).

faggotry - August 7, 2013, 12:17 pm

(Aug 7, 2013 12:12 PM)dreamer66 Wrote: [\[CITE\]](#) Keep in mind that although sandboxed applications can't alter things outside the sandbox they can still access and read them just fine, so if you have any sensitive information you might want to make sure they are not accessible.

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you do know that sandboxes can also restrict read/query access, they are not just for preventing writing.

dreamer66 - August 7, 2013, 12:20 pm

(Aug 7, 2013 12:17 PM)faggotry Wrote: [\[CITE\]](#) you do know that sandboxes can also restrict read/query access, they are not just for preventing writing.

That means you need to move your compiler and the rest of the things you will need to run your app in the sandbox. Either that or start specifying one by one and set special permission for each item which will be a pain down the line if you want to upgrade your project.

Debroski - August 7, 2013, 12:54 pm

(Aug 7, 2013 12:20 PM)dreamer66 Wrote: [\[CITE\]](#) That means you need to move your compiler and the rest of the things you will need to run your app in the sandbox. Either that or start specifying one by one and set special permission for each item which will be a pain down the line if you want to upgrade your project.

He's building and running the output, thats it. Just run the build in sandbox, it doesn't matter where it's compiled.

dreamer66 - August 7, 2013, 1:02 pm

(Aug 7, 2013 12:54 PM)__Angel Wrote: [\[CITE\]](#) He's building and running the output, thats it. Just run the build in sandbox, it doesn't matter where it's compiled.

Doesn't the output still need to access the .NET libraries/Framework as well as the GAC to run though ?

faggotry - August 7, 2013, 1:02 pm

(Aug 7, 2013 12:54 PM)__Angel Wrote: [\[CITE\]](#) He's building and running the output, thats it. Just run the build in sandbox, it doesn't matter where it's compiled.

actually it does. using a vulnerable buffer tactics, an attacker may force the compiler runtime output that may result in unexpected behavior.

indicud - August 7, 2013, 1:03 pm

Sign up on SPAM and everything should work smoothly, I'm getting errors on your site

ubbelol - August 7, 2013, 1:15 pm

(Aug 7, 2013 11:55 AM)?Phoenix Wrote: [\[CITE\]](#) Is the site running ASP.NET? And I'm guessing its running off your machine.

It's not running off my computer.

(Aug 7, 2013 12:12 PM)dreamer66 Wrote: [\[CITE\]](#) Keep in mind that although sandboxed applications can't alter things outside the sandbox they can still access and read them just fine, so if you have any sensitive information you might want to make sure they are not accessible.

Also as an extra tip, make sure to make some checks as far as memory consumption/cpu usage/time running and so on. (I'm not sure how your application handles while (true) loops and so on but that would be an extra step to ensure that people won't be able to crash your server on purpose).

From what I know there's no sensitive information available on the machine. For now I have an application timeout of 10 seconds, just to stop what you said: infinite loops etc.

(Aug 7, 2013 12:54 PM)__Angel Wrote: [\[CITE\]](#) He's building and running the output, thats it. Just run the build in sandbox, it doesn't matter where it's compiled.

That's my plan, but i'm not quite sure how i'd read the output from the sandboxed process yet.

(Aug 7, 2013 01:03 PM)indicud Wrote: [\[CITE\]](#) Sign up on SPAM and everything should work smoothly, I'm getting errors on your site

SPAM does not support the software behind my website.

indicud - August 7, 2013, 1:49 pm

(Aug 7, 2013 01:15 PM)Ubbelol Wrote: [\[CITE\]](#) It's not running off my computer.

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That's my plan, but i'm not quite sure how i'd read the output from the sandboxed process yet.

SPAM does not support the software behind my website.

Try <http://www.freehostingeu.com/>, they might work.

ubbelol - August 7, 2013, 1:50 pm

(Aug 7, 2013 01:49 PM)indicud Wrote: [\[CITE\]](#) Try <http://www.freehostingeu.com/>, they might work. I need asp.net mvc 4. The free plan doesn't support it.

maruata - August 8, 2013, 6:34 am

Disabled for security reasons.

This is the error I got from my C# code when I try to test....

Lol

dreamer66 - August 8, 2013, 7:05 am

(Aug 8, 2013 06:34 AM)maruata Wrote: [\[CITE\]](#) Disabled for security reasons.

This is the error I got from my C# code when I try to test....

Lol

If you read page 2 and page 3 of this thread you will find out why.

ubbelol - August 8, 2013, 4:04 pm

If anybody has ideas on how to run an application on my server and reading the output safely, it'd be

really appreciated! I've looked into running the application through Sandboxie, but the issue is getting the output back.

dreamer66 - August 8, 2013, 4:18 pm

How were you doing it before ? It shouldn't really affect your previous method much.

ubbelol - August 8, 2013, 5:04 pm

Okay i'm pretty sure i've figured out a way after a LOT of tinkering with sandboxie, will try to get the compile+run up and running as soon as possible. :)

EDIT: Site down while I try to resolve the issues

maruata - August 8, 2013, 11:12 pm

Haha..I should have helped you if my web hosting was with Windows Environment....Sadly...I am using only Linux Hosting....Guess that won't support your engine and codedom....

:-)

pow3rful_UP - August 9, 2013, 8:49 am

(Aug 8, 2013 04:04 PM)UbbeLoL Wrote: [\[CITE\]](#) If anybody has ideas on how to run an application on my server and reading the output safely, it'd be really appreciated! I've looked into running the application through Sandboxie, but the issue is getting the output back.

The problem (i assume) is that you cant write the result back on the vps because of the sandboxie?

Well, i would suggest you to make a little application that sends the last result to your website

Maybe if a user goes to your website then you open a session, then send that to your application that gets runs your code in the application, that that application sends the result as string with the session_id to your server and the server saves it in a mysql database or writes a file to your server

Then at your page the php script checks for such a file with or mysql db entry with the session_id it currently has..

(Contact me if you need any help with coding this, or if you didnt understand it well what i was trying to say..)

ubbelol - August 9, 2013, 9:22 am

(Aug 9, 2013 08:49 AM)pow3rful_UP Wrote: [\[CITE\]](#) The problem (i assume) is that you cant write the result back on the vps because of the sandboxie?

Well, i would suggest you to make a little application that sends the last result to your website

Maybe if a user goes to your website then you open a session, then send that to your application that gets runs your code in the application, that that application sends the result as string with the session_id to your server and the server saves it in a mysql database or writes a file to your server

Then at your page the php script checks for such a file with or mysql db entry with the session_id it currently has..

(Contact me if you need any help with coding this, or if you didnt understand it well what i was trying to say..)

That's not the issue i'm having, and I'm not using PHP. But thanks for trying to help anyway.

gigajew - August 15, 2013, 1:10 pm

Verkar som att din gratis host inte tillåter en funktion du använder dig utav.
Code Disabled for security reasons.

x64 - August 15, 2013, 1:31 pm

Not really hard to make but looks good :)
Continue this.

Anon?M ID - August 17, 2013, 2:11 am

[img]http://s22.postimg.org/8jmsnm8cx/gambar_803.png[/img]
i always got this message :/

Nibbler - August 17, 2013, 6:56 am

Some cool CSS3 for you :)

```
Code input[type=text], textarea {
  -webkit-transition: all 0.30s ease-in-out;
  -moz-transition: all 0.30s ease-in-out;
  -ms-transition: all 0.30s ease-in-out;
  -o-transition: all 0.30s ease-in-out;
  outline: none;
  padding: 3px 0px 3px 3px;
  margin: 5px 1px 3px 0px;
  border: 1px solid #DD;
}

input[type=text]:focus, textarea:focus {
  box-shadow: 0 0 5px rgba(81, 203, 238, 1);
  padding: 3px 0px 3px 3px;
  margin: 5px 1px 3px 0px;
  border: 1px solid rgba(81, 203, 238, 1);
}
```

```
.well {
  position: absolute;
  background: #fff;
  text-align: center;
  left: 60px;
  right: 60px;
  bottom: 10px;
  top: 10px;
  -moz-box-shadow: inset 0 0 10px black;
  -webkit-box-shadow: inset 0 0 10px black;
  box-shadow: inset 0 0 10px black;
}
```

Add a <div class="well"> around your form and it will look better :)

Spoiler ([Click to View](#))