

Forum: [Hack Forums](#)

Thread: [\[CodeDOM\] How to use CodeDOM!](#)

Slavoj Žižek - June 13, 2015, 2:15 am

Hey guys, The weather in the U.K. is super shitty so i decided to help some people out by writing a little example...

What is CodeDOM and why should i care?

CodeDOM is a super simple way of compiling .net code from within another .net application - you should care because if you want to make a Rat or a keylogger (etc) then this is how you (Should) do it...

I'm stuck can i PM you for some help?

? Use this amazing creation called the internet...

What does it look like?

that's for you to look for, just dig through the source and you'll find the fun bits
here is a little GIF of my program

Where can i get the simple example you were talking about?

Here:

Code <https://www.mediafire.com/?4o97mv4kkm6bf48>(The code is thoroughly commented!)

Hope you enjoy and understand a little bit more about CodeDOM! ?

nathan72389 - June 13, 2015, 7:57 am

WOW

Quote:Imports System.CodeDom.Compiler 'This is needed for the actual compiler

Imports System.IO 'This is needed for the save file dialog

Public Class Form1

Dim Source As String = My.Resources.SourceCode 'This is just so we dont have to write out My.Resources.SourceCode every time we want to access the file (Optional, but a massive time saver!)

I encorage you to check out My.Resources.SourceCode to see whats happening under the hood!

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click

Dim sfd As New SaveFileDialog 'Just a simple SFD, we will change the options on the lines below

sfd.Filter = "Save Yo' Executable *.exe | *.exe" 'Changes the save file dialogs file filter to only save .exe files

```
sfd.Title = "Please select someware for the executable to be saved!" 'Changes the sfd's title  
(This is optional)  
sfd.FileName = "CodeDOM_Executable.exe" 'Changes the sfd's default .exe name to whatever  
is entered (This is optional to!)
```

```
If sfd.ShowDialog = DialogResult.OK Then
```

```
Source = Source.Replace("//MSG//", TextBox1.Text) 'opens up the text file called code  
(Renamed to source) and replaces the string '//MSG//' with whatever is in textbox1  
Compile(sfd.FileName, Source) 'Runs the compile Sub using the source.
```

```
MsgBox("The file has been compiled and saved to" + vbNewLine _  
+ sfd.FileName, vbInformation, "Saved!") 'This just tells the user that the file is compiled  
then tells them the save location
```

```
End If  
End Sub
```

```
Public Sub Compile(ByVal Output As String, ByVal Source As String)  
'CodeDOM compiler by Pr3fix
```

```
'Looks pretty compicated, right?  
'You may look through it but if you change something it might not work...
```

```
On Error Resume Next
```

```
Dim Compiler As ICodeCompiler = (New VBCodeProvider).CreateCompiler() ' This might give a  
warning because it is pretty outdated... It will still work fine tho
```

```
Dim Parameters As New CompilerParameters()  
Dim cResults As CompilerResults
```

```
Parameters.GenerateExecutable = True  
Parameters.OutputAssembly = Output  
Parameters.ReferencedAssemblies.Add("System.dll")  
Parameters.ReferencedAssemblies.Add("System.Data.dll")  
Parameters.ReferencedAssemblies.Add("System.Windows.Forms.dll")
```

```
Dim Version = New Dictionary(Of String, String)  
Version.Add("CompilerVersion", "v2.0")
```

```
Dim ICO As String = IO.Path.GetTempPath & "iCompiler.ico"
```

```
cResults = Compiler.CompileAssemblyFromSource(Parameters, Source)
```

```
If cResults.Errors.Count > 0 Then  
For Each CompilerError In cResults.Errors  
    MessageBox.Show("Error: " & CompilerError.ErrorText, "", MessageBoxButtons.OK,  
    MessageBoxIcon.Error)  
Next  
ElseIf cResults.Errors.Count = 0 Then
```

```
End If
```

End Sub

End Class

why is there "on error resume"

and you said:

Quote:(The code is thoroughly commented!)

it looks like you only commented the obvious stuff.

Quote:Imports System, Microsoft.VisualBasic, System.IO

Imports System.Security.Cryptography

Imports System.Diagnostics

Imports System.Runtime.InteropServices

Imports System.Threading

Imports System.Reflection

Imports System.Text

Imports System.Security 'Some of these are needed some are not (I cannot remember :P)

Module Module1

'This works alot like a console Program...

Sub Main()

'This is the sub that is executed when the program is run

MsgBox("//MSG//")

'This might be simple now, but the sky is the limit with CodeDOM...

'Whenever you want to change a string just to the string.replace thing in form1.vb - Its simple as
12345678910! :D

End Sub

End Module

"this works alot like a console program"

mmm, maybe because it is?

oh. and ... code, for ppl that dont want to download.

denn1s - June 13, 2015, 8:53 am

The problem with codedom its getting fast detected by AV.

whitemask - June 13, 2015, 1:13 pm

(Jun 13, 2015 08:53 AM)denn1s Wrote: [\[CITE\]](#) The problem with codedom its getting fast detected by AV.

that is not true, when i start using codedom method i said like you , but you can make it (0/34) , analyze each part of your code any try to find which line make your program detected , obfuscation your code and encrypt all string ,add junk codes (variable,classes,function..etc)>>>

you think codedom is for making only console applications only ,but you are wrong , you can add forms ,timers ,buttons , any thing you want :D

hint: "add form" in codedom

```
Code Public Class EntryPoint
    Public Shared Sub Main(args As [String]())
        Dim form1 As New Form1
        System.Windows.Forms.Application.Run(form)
    End Sub
End Class
```

Public Class Form1

Inherits System.Windows.Forms.Form

Private WithEvents Button1 As New Button 'if you want to add button

Sub New() ' change setting as u want

Application.EnableVisualStyles()

Me.Text = "Form1"

Me.Opacity = 100

Me.Visible = True

Me.ShowInTaskbar = False

Button1.Text = "Click Me!"

Button1.Top = 100

Button1.Left = 100

End Sub

Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load

' put ur code in form loading

End Sub

Ends Class

SIM-1316071 - June 13, 2015, 2:01 pm

HQ user, HQ post. This will certainly help any user that wants to learn codedom!

The only suggestion I have is: the console box that pops up may seem suspicious to any user who runs the program (key logger etc).

Explaining how to compile a form so that that console window doesn't show up would be beneficial for anyone who's end goal is to build a key logger or rat!

Slavoj Žižek - June 13, 2015, 2:20 pm

(Jun 13, 2015 07:57 AM)nathan72389 Wrote: [\[CITE\]](#) wow

why is there "on error resume"
and you said:

it looks like you only commented the obvious stuff.

"this works alot like a console program"

mmm, maybe because it is?

oh. and ... code, for ppl that dont want to download.

There are some helpful things that some people want to know, i know that the code is really broken but you don't have to rip it to shreds...

Generals - June 15, 2015, 1:01 am

pretty easy to understand, thank you, bro.

Slavoj Žižek - June 15, 2015, 8:07 am

(Jun 15, 2015 01:01 AM)Generals Wrote: [\[CITE\]](#) pretty easy to understand, thank you, bro.

No prob bro, happy to help :D

ShittyAdvice - June 15, 2015, 10:56 am

Created a simple small class for this(I'm still new, just thought this could be usefull for some people)

Any feedback or tips is welcome :)

<http://pastebin.com/71RYTecA>

Usage:

Code 'Create an instance of the class

```
Dim Compiler As CodeDOM = New CodeDOM()
```

'Add References

```
Compiler.AddReference("System.dll", "System.Data.dll", "System.Windows.Forms.dll")
```

'Set a version

```
Compiler.Version.Add("CompilerVersion", "v2.0")
```

'Actually compile

```
Compiler.Compile(sfd.FileName, Source) 'sfd is a SaveFileDialog, Source is the source as a string
```

Slavoj Žižek - June 16, 2015, 10:05 am

(Jun 15, 2015 10:56 AM)ShittyAdvice Wrote: [\[CITE\]](#) Created a simple small class for this(I'm still new, just thought this could be usefull for some people)

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Wow, thanks this will help ?

ShittyAdvice - June 16, 2015, 12:55 pm

(Jun 16, 2015 10:05 AM)Blezzedd Wrote: [\[CITE\]](#) Wow, thanks this will help ?

I did an update, new usage:

Code Compiler.AddReference("System.dll", "System.Data.dll", "System.Windows.Forms.dll")

Compiler.Version.Add("CompilerVersion", "v2.0")

Compiler.NewSaveLocation() 'Gives a dialog to select a file location

Compiler.Compile(Source) 'Runs the compile Sub using the source{string}.

Compiler.Run() 'Runs the newly compiled file!

Armada - June 16, 2015, 12:59 pm

Very nice share OP. ?

And for other contributors to improving the code, defiantly useful functions for many various applications.

SIM-1676753 - June 16, 2015, 5:30 pm

If I was ever going to mess with codedom, which I most likely wont, I would use Pat's wrapper.

<https://gist.github.com/PatPositron/ab535622c7c3b82f3c9a>

ShittyAdvice - June 17, 2015, 1:00 am

(Jun 16, 2015 05:30 PM)Mr. Trvp Wrote: [\[CITE\]](#) If I was ever going to mess with codedom, which I most likely wont, I would use Pat's wrapper.

<https://gist.github.com/PatPositron/ab535622c7c3b82f3c9a>

I think this thread was mainly for information & learning purposes.

Atleast for me it was

Also, that wrapper is C#, this is VB