

Forum:[Hack Forums](#)

Thread: [\[OUTDATED\] DotNet Renamer \(Obfuscator/Renamer\) \["Dnlib" usage example\]](#)

sh@rp - May 26, 2014, 2:21 am

DotNet Renamer

[DESCRIPTION]

DNR is a basic open source obfuscator/Renamer which use Dnlib library for .NET applications ! This project is based on the [DotNet Patcher](#)'s renamer library.

You can use these 2 libraries separately without the DotNetRenamer GUI :

- Core20Reader : a simple PE DotNet Parser/Reader
- The renamer based on : Core20Reader.dll, DotNetRenamer.Helper.dll, DotNetRenamer.Implementer.dll and MonoCecil.dll

- Doesn't support WPF ".exe" !

[SCREENSHOTS]

[img]<http://www.imabox.fr/a4/1420102043yy53nR31.png>[/img]

[img]<http://www.imabox.fr/a4/1420101313V37mlj53.png>[/img]

[FEATURES]

- English UI language only
- Command line usage with 3 switch : Full, Medium, Customize
- Drag & Drop on UI or on DotNetRenamer.exe
- Selecting Output file Path
- Displays selected .exe informations (assembly name, Version, TargetRuntime, TargetCPU, SubSystemType)
- Selecting presets : Full, Medium, Customize
- Selecting encoding chars type : Alphabetic, Dots, Invisible, Chinese, Japanese, Greek
- Renaming : Namespaces, Types, Methods, Properties, Fields, Custom Attributes, Events, Parameters, variables, Resources content, ...
- Displays assembly structure in a treeview
- Manage types and entities exclusion
- Displays number of renamed members at the end of the rename task !

[CREDITS]

--> Thanks to 0xd4d for his [Dnlib](#) library

--> Thanks to Xertz's [LoginGDI+ theme](#) that I've adapted to my needs

[PREREQUISITES]

- Compatible VS2012 EDI
- All Windows OS

- DotNet Framework 4.0
- The binary doesn't require installation

[DOWNLOAD]

--> The project on my Bitbucket :

<https://bitbucket.org/3dotdev/dotnet-renamer>

NB : My libraries are commented

[ISSUE(S)]

If you encounter some problem, please report it [here](#)
or join to the project and submit a request to solve issue(s) !

\$lick - May 26, 2014, 3:58 am

Damn man, Good shit.

Usefull release.

Decim - May 26, 2014, 4:47 am

That's a pretty dope theme you got there.

LordCoder - May 26, 2014, 5:49 am

Does it rename the resource of the forms?

sh@rp - May 26, 2014, 6:38 am

(May 26, 2014 05:49 AM)? I???????? ? Wrote: [\[CITE\]](#) Does it rename the resource of the forms?
If you mean this :

[img]<http://imabox.fr/a3/1426051530NmurbV44.png>[img]

not at all !

.....but it's not difficult to implement this trifle, come and join the project and submit when this will be done guy. ;)

unfortunately I don't have too much time right now ..?

Thx.

\$lick - May 27, 2014, 1:38 am

Commenting too keep this alive.

Sad to see good projects get buried with crap.

GreyPhantom - May 27, 2014, 3:05 am

This also works like DotNet Patcher? I see this as obfuscator, gonna download it. Thanks :)

SIM-1456245 - May 27, 2014, 6:17 am

Looks good man. Will check it out later.

GreyPhantom - May 27, 2014, 7:26 am

(May 27, 2014 03:48 AM)wallace87000 Wrote: [\[CITE\]](#) Humm, no DNP has more functionality than DNR....the latter is just a basic renamer and is open source.

Thanks for the information ! :) Used it !

Dispersia - May 27, 2014, 12:48 pm

Someone that actually gave credit where credit was due. Very nice OP lol.

DisguiserNET - May 27, 2014, 6:27 pm

well done. still thinking of releasing the deobfuscator for your tool ;)

nuk - May 27, 2014, 7:23 pm

This looks pretty f'in epic homie! Great job on this ;)

sh@rp - May 27, 2014, 9:44 pm

(May 27, 2014 06:27 PM)aw3s0m3 Wrote: [\[CITE\]](#) well done. still thinking of releasing the deobfuscator for your tool ;)

Damn....you're an idiot ?....what did you expect from a basic renamer o_O

Retrieve the original members names after setting Full mode (with alphabetic char encoding)...???
Not possible ! Rename again let me laugh.....ah ah ah...

There isn't much more protection like antidebugger, controlflow or something like this.....

Have you read the topic title.....looooo

But you can waste your time ...it's up to you.....?

sh@rp - August 26, 2014, 6:32 am

Hi guys I'm just back and I'd like to say that I'm working on DotNetRenamer that I improve for my personnal use.....

However I want to share one last thing and fix one bug in this open source version.

Updated to 1.1.1.0 :

- BugFix : Analyzer class error fixed
- Added : [Content resources renamer](#)

<https://bitbucket.org/3dotdev/dotnet-renamer>

sh@rp - September 15, 2014, 1:55 am

Updated to 1.1.2.0 :

- Modified : getter/setter methods and properties renamed properly
- Modified : InitializeComponent MethodBody updated properly (prevents "De4Dot" to restore the original properties and types names !)
- Added : greek renamer scheme
- Added : nestedTypes renamer

<https://bitbucket.org/3dotdev/dotnet-renamer>

TheBarret - September 15, 2014, 2:13 am

Overall good and nice project , props for that mate.

i got one criticism point, you list "- Doesn't support WPF .exe !" as feature, that makes no sense to me ,of something that does "not" improve or has "not" extra to it , can't really be called a feature.

sh@rp - September 15, 2014, 2:32 am

(Sep 15, 2014 02:13 AM)TheBarret Wrote: [\[CITE\]](#) Overall good and nice project , props for that mate.

i got one criticism point, you list "- Doesn't support WPF .exe !" as feature, that makes no sense to me ,of something that does "not" improve or has "not" extra to it , can't really be called a feature.
Thx TheBarret. ;)

There are plenty of original topics that I would like to edit but I can't do this with a simple account like mine .. ?

[img]http://imabox.fr/a3/1415091130eJRYzb58.png[/img]

TheBarret - September 15, 2014, 2:34 am

(Sep 15, 2014 02:32 AM)wallace87000 Wrote: [\[CITE\]](#) Thx TheBarret. ;)

There are plenty of original topics that I would like to edit but I can't do this with a simple account like mine .. ?

[img]http://imabox.fr/a3/1415091130eJRYzb58.png[/img]
ugh the "do this, and you can't do that" on freaking forum... oh well you get my point ^^

Cornflower Blue ???-?— - September 15, 2014, 3:40 am

(Sep 15, 2014 02:34 AM)TheBarret Wrote: [\[CITE\]](#) ugh the "do this, and you can't do that" on freaking forum... oh well you get my point ^^

That and the PM space is why I upgraded to l33t, so wurf.

sh@rp - September 15, 2014, 6:23 am

(Sep 15, 2014 03:40 AM)Cornflower Blue Wrote: [\[CITE\]](#) That and the PM space is why I upgraded to l33t, so wurf.

Or it's also possible to create as many topics as there are version of my software with an account like mine ... ???

XmysteriousX - September 15, 2014, 8:55 pm

thanks for share seem really good i will try for sure

sh@rp - October 20, 2014, 2:42 am

Updated to 1.1.3 :

- BugFix : the Assembly is loaded into an AppDomain to be unloaded correctly
- Added : loading Assembly Infos via reflection

<https://bitbucket.org/3dotdev/dotnet-renamer>

?Dødøsky - October 20, 2014, 12:22 pm

sick release bro <3 im gonna try it sometimes thx for sharing

Washi - October 20, 2014, 12:32 pm

Seems like an interesting project! How does it handle applications that have complex object oriented structures, like overridden or inherited methods ? Back in the days when I wrote an obfuscator, I had quite a bit of trouble with this.

sh@rp - October 20, 2014, 1:52 pm

(Oct 20, 2014 12:32 PM)TheUnknownProgrammer Wrote: [\[CITE\]](#) Seems like an interesting project! How does it handle applications that have complex object oriented structures, like overridden or inherited methods ? Back in the days when I wrote an obfuscator, I had quite a bit of trouble with this.

It's very complex to set up so the tool doesn't manage it like Reflection and so on ! I mean that it doesn't rename overridden methods and corrupts the binary file if it contains Reflection calls.

Your obfuscator : TUP Obfuscator or DotNetSuppress ??

Cook John - October 23, 2014, 10:34 am

Good release sir ? to keep this thread alive

0xBB - October 23, 2014, 1:15 pm

I don't get it, a user posted something similar and he got flammed because it's a simple "methods/fields etc" renamer. How is this different? As you said, it also corrupt method calls that use reflection. EX: GetMethod("MyMethod")

sh@rp - October 23, 2014, 2:10 pm

(Oct 20, 2014 12:22 PM)?Vekzy?Here Wrote: [\[CITE\]](#) sick release bro <3 im gonna try it sometimes thx for sharing

I keep up the good work. Thank you.. ;)

(Oct 23, 2014 10:34 AM)Cook John Wrote: [\[CITE\]](#) Good release sir ? to keep this thread alive Thanks bro. ?

(Oct 23, 2014 01:15 PM)ibennz Wrote: [\[CITE\]](#) I don't get it, a user posted something similar and he got flammed because it's a simple "methods/fields etc" renamer. How is this different? As you said, it also corrupt method calls that use reflection. EX: GetMethod("MyMethod")
It's up to you Ibennz..... ?

Quote:a user posted something similar and he got flammed because it's a simple "methods/fields etc" renamer

humm ..where can I find it ???

To be honest some of basic Obfuscator/Renamer are corrupt file without method calls that use Reflection.....

Quote:As you said, it also corrupt method calls that use reflection. EX: GetMethod("MyMethod")

...have you got any recommendation to fix that ..???

Quote:How is this different?

I just do my best to improve my private one (DotNet Patcher v4) :
DotNet Patcher v4 is based on my DotNet Renamer project :

[img]<http://www.imabox.fr/a4/1423102132IOWIpv57.png>[img]

Never mind but compared to some project on this board,
I don't think it's ridiculous or considered unnecessary.....

sh@rp - October 26, 2014, 1:40 pm

Updated to 1.1.4 :

- Modified : ICore20Reader Interface
- Added : Cls_Task to improve and simplify the use of the assembly Renamer

How to simply use the tool :

```
Code Dim _param = New Cls_Parameters(TxbSelectedFile.Text, TxbSelectedFile.Text &
"-Renamed.exe")
    If _param.IsValidFile Then

        Dim _paramArgs As New Cls_RenamerState() With { _
            .Namespaces = True, _
            .Types = True, _
            .Methods = True, _
            .Properties = True, _
            .CustomAttributes = True, _
            .Events = True, _
            .Fields = True, _
            .Parameters = True, _
            .Variables = True, _
            .RenameMainNamespaceSetting = Cls_RenamerState.RenameMainNamespace.NotOnly, _
            .ReplaceNamespacesSetting = Cls_RenamerState.ReplaceNamespaces.Empty, _
            .RenamingType = Cls_RandomizerType.RenameEnum.Chinese, _
            .RenameRuleSetting = Cls_RenamerState.RenameRule.Personalize}

        Dim _Task = New Cls_Task(_param, _paramArgs)
        _Task.StartTask()

        MessageBox.Show("Renamed : " & vbNewLine & vbNewLine & _
            "Namespace(s) : " & _Task.Result.Item("Namespace").ToString & vbNewLine & _
            "Type(s) : " & _Task.Result.Item("Type").ToString & vbNewLine & _
            "Method(s) : " & _Task.Result.Item("Method").ToString & vbNewLine & _
            "Parameter(s) : " & _Task.Result.Item("Parameter").ToString & vbNewLine & _
            "Generic Parameter(s) : " & _Task.Result.Item("Generic Parameter").ToString & vbNewLine & _
            "Variable(s) : " & _Task.Result.Item("Variable").ToString & vbNewLine & _
            "Property(s) : " & _Task.Result.Item("Property").ToString & vbNewLine & _
            "Event(s) : " & _Task.Result.Item("Event").ToString & vbNewLine & _
            "Field(s) : " & _Task.Result.Item("Field").ToString _
            , "Completed", MessageBoxButtons.OK, MessageBoxIcon.Information)

    End If
```

<https://bitbucket.org/3dotdev/dotnet-renamer>

Aristocles - October 29, 2014, 9:05 am

Just received a crack-me protected with DotNet Renamer : Lot of improvement since I last checked it, now decryption stuff are not static anymore and the whole obfuscated output is very complex, so this is definitively a very good obfuscator !

sh@rp - October 29, 2014, 11:32 am

(Oct 29, 2014 09:05 AM)N?etzsche Wrote: [\[CITE\]](#) Just received a crack-me protected with DotNet Renamer : Lot of improvement since I last checked it, now decryption stuff are not static anymore and the whole obfuscated output is very complex, so this is definitively a very good obfuscator !

Thank you dude for taking time to answer here. Really appreciated. ?

It's not really an obfuscator ... I consider this is a simply renamer tool. ;)

Malware? - October 29, 2014, 12:07 pm

I took this and made the same thing but command line. Good work, wish it had strong encryption!

sh@rp - October 29, 2014, 12:20 pm

(Oct 29, 2014 12:07 PM)Venomous Net Wrote: [\[CITE\]](#) I took this and made the same thing but command line. Good work, wish it had strong encryption!

I'm glad to read you've done your own command line version but Why you didn't submitted your improvement on my GitHub ??

I think it could be useful for other like this project was for you.....

I don't plan to improve DotNet Renamer but I'm working on DotNet Patcher for personal use.

Thx for appreciation bro ?

sh@rp - November 18, 2014, 1:38 pm

Updated to 1.1.5 :

- BugFix : Corrupt the binary if it contains app or user settings !

<https://bitbucket.org/3dotdev/dotnet-renamer>

Madara-Uchiha - November 18, 2014, 2:58 pm

Hey man,

Was studying your source some time ago and I like to report a lil bug:P

Make a testapp which shows a picture in a PictureBox on a ButtonClick.

Make sure you use the Image from an EmbeddedResource.

Then rename everything and when u start the application the image will not appear.

I assume the resource Signatures or Names are not equal anymore.

Anyways good job so far gonna cya on rtn I believe....

sh@rp - November 19, 2014, 10:34 am

Hi Mada,

As I said here : <https://hackforums.net/showthread.php?tid=4249589&pid=42939235#pid42939235>

DNR corrupts method calls that use reflection.

Calling a method to retrieve an embedded resource is part of the reflection.

The only thing to do to avoid this is to create an exclusion rule for renaming as I do for my private project (binary) !

However Thx for your appreciation.

See you.

Zettabit - November 19, 2014, 1:03 pm

Looks nice. I never really looked into Mono, but I think I should start.

sh@rp - November 30, 2014, 1:07 am

Updated to 1.1.6 :

- BugFix : Bad resources content renaming !

<https://bitbucket.org/3dotdev/dotnet-renamer>

End of this project's development. It was integrated in .Net Patcher v4 available [here](#) or [here on HF](#)

OffCode - November 30, 2014, 3:26 am

Nice man! Keep it up! Thats what i need! :)

sh@rp - December 20, 2014, 2:51 pm

Updated to 1.1.7 :

- BugFix : Bad properties and resources names renaming !

<https://bitbucket.org/3dotdev/dotnet-renamer>

The same project which use Dnlib library instead of MonoCecil library is available [here](#)

PlayR - December 21, 2014, 5:49 am

Nice job d3v.

I will use it, it really helps a lot!

sh@rp - January 18, 2015, 1:01 pm

Updated to 1.1.9 :

- Modified : Use dnlib library instead of MonoCecil !
- Added : Selecting output filepath !
- Added: Commandline switch presets (Full, Medium, Customize)
- Added : DotnetNetRenamer.ini file to retrieve an earlier renamer scheme
- Added : Drag&Drop a file on the main form or on DotNetRenamer.exe file

<https://bitbucket.org/3dotdev/dotnet-renamer>

Only3 - January 18, 2015, 1:13 pm

why u switch u should have mono version too

sh@rp - February 1, 2015, 6:17 am

Updated to 1.2 :

- BugFix : Calling Cls_Content.Cleanup (You no longer need to close the main window of the program to protect another binary !)
- BugFix : Settings renaming (embeddedResources are properly named so visible after renaming !)
- BugFix : XertzLoginTheme Checkbox "checkedChanged" Event
- Modified : Replace Cecil by Dnlib Helper class
- Modified : Enable or disable the renaming of the resource content !
- Modified : Grouping parameters and variables renaming with Methods
- Added : Managing exclusion rules (exclusion by types and entities)

<https://bitbucket.org/3dotdev/dotnet-renamer>

Coderforlife - February 1, 2015, 6:25 am

Awesome project!

And I have to agree, the Theme is fancy!

Nice work!

0xDivision - February 2, 2015, 3:44 am

Thanks man will look at this later :)

zk2z - February 18, 2015, 8:40 am

thank you for this work. Too bad it doesn't support WTF ;(

sh@rp - February 19, 2015, 12:18 pm

(Feb 18, 2015 09:40 AM)zk2z Wrote: [\[CITE\]](#) thank you for this work. Too bad it doesn't support WTF ;(

? WTF Do you know what you are talking about ? You probably mean WPF

Madara-Uchiha - February 19, 2015, 5:22 pm

(Jan 18, 2015 02:13 PM)Only3 Wrote: [\[CITE\]](#) why u switch u should have mono version too

No. Mono.Cecil is crap. Dnlib is much better.

It can rename every Kind of symbols while Mono.Cecil cannot.

zk2z - February 21, 2015, 12:48 pm

(Feb 19, 2015 01:18 PM)Ch@rLi3 (3D?tD3v) Wrote: [\[CITE\]](#) ? WTF Do you know what you are talking about ? You probably mean WPF

oops... ? Yes it's what I meant.