

Forum:[Hack Forums](#)

Thread: [Confuser 1.9 deobfuscator \(Opensource\)](#)

ubbelol - September 14, 2013, 6:35 am

So this is something I've worked on for a while. But lost interest lately, and have a few other projects that I really want to work on. But anyway, this is a deobfuscator for Confuser 1.9 (release). It's my first project using dnlib instead of Cecil, so some things may be sloppy due to me not knowing the library that well.

It can deobfuscate most files on Maximum setting, but there are bugs that sometimes causes it to crash. It can also unpack files from the Compressor packer, but there's no compatibility for files using packer + obfuscation.

Things that needs to be worked on:

- Better detection for some methods
- Bug fixes with maximum obfuscated files
- Compatibility with packer + obfuscation
- Might be bugs with mtd/ctor proxy resolver + anti-tamper
- Support for latest Confuser build, not just release

Since I'm not gonna work much on this project for a while at least, I thought I'd put it up on github in case someone else wants to continue work on it.

<https://github.com/UbbeLoL/ConfuserDeobfuscator>

Tastylicious - September 14, 2013, 6:43 am

Wow that's great, thanks for sharing ?

?????Thr????? - September 14, 2013, 6:44 am

I might continue your work by forking the project ;) great work!

ubbelol - September 14, 2013, 7:21 am

(Sep 14, 2013 06:44 AM)Thr??? Wrote: [\[CITE\]](#) I might continue your work by forking the project ;) great work!

Thanks. I'd love to see someone fork the project. :)

TheBarret - September 14, 2013, 7:25 am

I vouch for this guy any day, he knows his stuff and what he's talking about.

Great work buddy!

?????Thr????? - September 14, 2013, 9:38 am

Just looked over all of the source. I haven't used dnlib as well. It'll be a fun experience ;)

SHlicmlp - September 14, 2013, 10:02 am

Nice release, you certainly know what you're doing :P Thanks for sharing.

Invicta - September 14, 2013, 10:32 am

I see every program on HF being cracked now. ?

Hexology - September 14, 2013, 5:37 pm

Very nice job, but I have a quick question, this isn't a big deal or anything but why don't people post the c# programs in the c# section?

ubbelol - September 15, 2013, 5:21 am

(Sep 14, 2013 05:37 PM)Hexology Wrote: [\[CITE\]](#) Very nice job, but I have a quick question, this isn't a big deal or anything but why don't people post the c# programs in the c# section?

I was considering it, but I felt that Confuser applies to both VB and C#. The real point of this project isn't too deobfuscate applications but to teach people HOW to do it and what the protections actually do.

If a mod feels that my opinion is wrong then you're free to move it to C#. :p

nuk - September 15, 2013, 7:10 am

WOW! HQ Coder to say the least. Very awesome work homie.... One of the best shares to date in the .NET section. Keepin' my eye out for releases from you :)

?????Thr????? - September 15, 2013, 12:53 pm

(Sep 15, 2013 05:21 AM)UbbeLoL Wrote: [\[CITE\]](#) I was considering it, but I felt that Confuser applies to both VB and C#. The real point of this project isn't too deobfuscate applications but to teach people HOW to do it and what the protections actually do.

If a mod feels that my opinion is wrong then you're free to move it to C#. :p

I agree that this should be posted in the VB/.NET section instead of the C# section, as this doesn't really apply to just C# but to the entirety of the .NET framework (anything using the JIT compiler).

MrMazika - September 15, 2013, 1:04 pm

good Very nice job, but I have a quick question, this isn't a big deal or anything but why don't people post the c# programs in the c# section?

Anon?M ID - September 15, 2013, 11:12 pm

sounds pretty awesome. i'll take a look to this later. btw thanks for the share

stefsot - September 15, 2013, 11:43 pm

You really like making deobfuscators.

Always loved your work.

Thank you.

ubbelol - September 27, 2013, 12:30 pm

A couple of updates ...

Code Structural updates, preparing for multiple Confuser versions

Unpacker is now recursive (still not fully functional)

Fixed a bug in constants decryptor

Re-working the UIProvider

Some bug fixes and refactoring

Commit:

<https://github.com/UbbeLoL/ConfuserDeobfuscator/commit/f074329f8d3ffdca4c225bec16af03b7a1993586>

Screenshot:

TheBarret - September 30, 2013, 8:05 am

Great work ,Ubby ;) love to see you at work...its like magic :D

memesbro - September 30, 2013, 8:43 pm

This is very well written however it's unpleasant that many coders who sell software in the markets will be frustrated as 90% of them use confuser.

ubbelol - October 4, 2013, 12:27 pm

(Sep 30, 2013 08:43 PM)2Slick Wrote: [\[CITE\]](#) This is very well written however it's unpleasant that many coders who sell software in the markets will be frustrated as 90% of them use confuser.

It's not hard to protect yourself against this, or any deobfuscator really. Also IMO its their fault if they rely 100% on a tool to completely secure their applications.

Update:

UbbeLoL Wrote:Couple of bug fixes and improvements

Think I finally got rid of the annoying "Found some other method's instruction or a removed instruction" error message with the new "FinalizeCleanUp" method in IDEobfuscationRoutine interface + some other minor stuff.

<https://github.com/UbbeLoL/ConfuserDeobfuscator/commit/8d94583a4931d5b14ea0fa6639458894fbcb9c9>

FaggotFlounder - October 4, 2013, 12:30 pm

OP is awesome, did custom cracking for me. What's the difference between this and your previous deobfuscator?

ubbelol - October 7, 2013, 9:01 am

(Oct 4, 2013 12:30 PM)gangstapowna71 Wrote: [\[CITE\]](#) OP is awesome, did custom cracking for me. What's the difference between this and your previous deobfuscator?

This supports Confuser, NETDeob doesn't. :)

Added a compiled version due to popular demand:

<https://github.com/UbbeLoL/ConfuserDeobfuscator/releases>

archy-one - October 16, 2013, 10:33 pm

very very very real great job...Thanks a lot

thedarkfish - January 7, 2014, 6:11 pm

How long, reasonably, should this be taking? I ask because it's been running for over 2 hours now. It seems to be stuck on "Decrypting and Restoring Constants" as that's the last thing that's printed in the console.

Nevertheless nice work :P

Jennifer Lawrence™ - January 8, 2014, 3:12 am

Nice release, be sure to check this out

Zeivu~ - October 4, 2014, 5:39 am

Thanks i have been looking for Confuser 1.9 Deobfuscator I am new to this forums and if someone could help me setup Deobfuscator

Send me a pm

TheBarret - October 4, 2014, 1:30 pm

Ubby, where have u been dude, i start to miss your stuff arround :~(

RaStA_ToXiC_91 - October 4, 2014, 2:19 pm

It's a great job :)
thanks for sharing

ubbelol - October 6, 2014, 12:13 am

(Oct 4, 2014 01:30 PM)TheBarret Wrote: [\[CITE\]](#) Ubby, where have u been dude, i start to miss your stuff arround :~(

Been quite busy with school lately. :p I have a pretty cool idea for a large project I might take on in the near future. Hopefully I'll get back on track posting both on hackforums and on my blog. :)

TheBarret - October 6, 2014, 4:58 am

(Oct 6, 2014 12:13 AM)ubbelol Wrote: [\[CITE\]](#) Been quite busy with school lately. :p I have a pretty cool idea for a large project I might take on in the near future. Hopefully I'll get back on track posting both on hackforums and on my blog. :)

Hope so ^^ what kind of big project??? :D

nuk - October 6, 2014, 5:31 am

Jesus man... that's awesome of you to share this! I've been wanting to get into something like this and this will help me learn a great deal. Thank you so much for this :) +3 from me ;)