

Forum:[Hack Forums](#)

Thread: [.NET 2.0 Apps to .NET 4.0+ Framework](#)

YunoLawliet - August 1, 2015, 3:22 am

Since the release of newer versions of windows,
It's default .NET Framework is v4.0/4.5 (Windows 8 and newer).

Your .NET 2.0 pre-existing apps won't work directly with v4.0/4.5 you must specify the runtime version needed in order for it to work.

In a freshly installed Win10, a .NET 2.0 app will prompt an install of .NET 3.5 framework :

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The install is redundant, if your .NET apps doesn't contain obsolete attributes (which probably mostly not) the chances are, it will work on .NET 4+
(See the links below for obsolete attributes)

In order for .NET 2.0 apps to work in .NET 4+ FW, we must export or make an app.exe.config file with the executable we are using.

Example:

My application is called "BytePump.exe"

In order for it to work in .NET v4.0+, I need to make a file called : "BytePump.exe.config".

You can make an app.config file using notepad and pasting this code :

Code <configuration>

<startup>

<supportedRuntime version="v2.0.50727"/>

<supportedRuntime version="v4.0" />

</startup>

</configuration>

And then save it as AppName.exe.config (change AppName to your executable's name, in this case, BytePump)

The app and the .config file must always be in package in order to maximize its compatibility.

You can just ZIP it with the exe, or use RAR as is it better (as it exports all of its content in temp).
And always remember that you must never upload your .exe solely as .exe you must always .zip .rar them whether they are native or .NET.

(spreading is a different thing tho, this focuses on more legal norm.).

For the noobs' sake here's an example :

<https://dl.dropboxusercontent.com/s/7np1zhixr02yui9/.NET%20Compatibility%20Example.rar>

VT Scan :

<https://www.virustotal.com/en/file/06b1100319562c4ae6fdbb24f1eff2ebfe3dfa2a664f166a453a43790f37f768/analysis/0f37f768/analysis/>

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SHA256: 06b1100319562c4ae6fdbb24f1eff2ebfe3dfa2a664f166a453a43790f37f768

File name: .NET%20Compatibility%20Example.rar

Detection ratio: 0 / 55

Analysis date: 2015-08-01 10:11:20 UTC (0 minutes ago)

References:

<https://msdn.microsoft.com/en-us/library/jj152935%28v=vs.110%29.aspx>

[https://msdn.microsoft.com/en-us/library/windows/desktop/hh848079\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/hh848079(v=vs.85).aspx)

[https://msdn.microsoft.com/en-us/library/ee461502\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/ee461502(v=vs.110).aspx)

Josh? - August 1, 2015, 3:50 am

Useful ?

Would using something like ILMerge to combine the files work too?

Angel Beats?? - August 1, 2015, 3:53 am

You can just change the app.config in your solution and it will have the same effect just embedded

YunoLawliet - August 1, 2015, 3:56 am

(Aug 1, 2015 03:53 AM)Ang?l Beats Wrote: [\[CITE\]](#) You can just change the app.config in your solution and it will have the same effect just embedded

This is for pre-existing apps on .NET 2.0 that you have.

Angel Beats?? - August 1, 2015, 3:59 am

(Aug 1, 2015 03:56 AM)YunoLawliet Wrote: [\[CITE\]](#) This is for pre-existing apps on .NET 2.0 that you have.

Ahh i see ty for tutorial didnt think of that im tired.

YunoLawliet - August 1, 2015, 4:22 am

(Aug 1, 2015 03:50 AM)Josh? Wrote: [\[CITE\]](#) Useful ?

Would using something like ILMerge to combine the files work too?

Im not sure of it, I still haven't tweak anything yet, it would be amazing if it can be achieved.

The-One - August 1, 2015, 6:09 am

(Aug 1, 2015 03:50 AM)Josh? Wrote: [\[CITE\]](#) Useful ?

Would using something like ILMerge to combine the files work too?

That would destroy the purpose of the config file, as the intention of this feature was to make it easy to support multiple .NET versions without recompiling.

Also, ILmerge only works with .NET assemblies, a config file isn't a .NET assembly.

tweety - August 1, 2015, 10:59 am

You shouldn't be compiling anything under 4.0 in the first place. Why would you compile an application using obsolete Frameworks? 4.0+ is the way to go.

(Aug 1, 2015 03:53 AM)Ang?l Beats Wrote: [\[CITE\]](#) You can just change the app.config in your solution and it will have the same effect just embedded
That's not how you configure pre-built applications.

rezzex - August 1, 2015, 12:57 pm

Is it possible to compile the App with the App.Config?

tweety - August 1, 2015, 12:58 pm

(Aug 1, 2015 12:57 PM)GET_MONEY Wrote: [\[CITE\]](#) Is it possible to compile the App with the App.Config?

Is it possible for you to read the thread?

SIM-1676753 - August 1, 2015, 1:00 pm

(Aug 1, 2015 10:59 AM)Tweety. Wrote: [\[CITE\]](#) You shouldn't be compiling anything under 4.0 in the first place. Why would you compile an application using obsolete Frameworks? 4.0+ is the way to go.

Indeed it is. Fuck these shitty crypters and malware.

rezzex - August 1, 2015, 1:01 pm

Yep, but when i use the App.Config in my Solution, i must copy it to my Win 10 Machine too, otherwise it dont get executed.

tweety - August 1, 2015, 1:05 pm

(Aug 1, 2015 01:01 PM)GET_MONEY Wrote: [\[CITE\]](#) Yep, but when i use the App.Config in my Solution, i must copy it to my Win 10 Machine too, otherwise it dont get executed.

No, you still did not read the thread. Try again.

Medicinal - August 1, 2015, 1:09 pm

Very useful tutorial here, thank you.

rezzex - August 1, 2015, 1:11 pm

(Aug 1, 2015 01:05 PM)Tweety. Wrote: [\[CITE\]](#) No, you still did not read the thread. Try again.

I know its for already compiled Executables, but i hope it is possible for not compiled Executables to not copy the App.Config everywhere :D

//sry for bad english

tweety - August 1, 2015, 1:53 pm

(Aug 1, 2015 01:11 PM)GET_MONEY Wrote: [\[CITE\]](#) I know its for already compiled Executables, but i hope it is possible for not compiled Executables to not copy the App.Config everywhere :D

//sry for bad english

Why would you? Just recompile for 4.0 like every other sane developer lol.

YunoLawliet - August 1, 2015, 8:40 pm

(Aug 1, 2015 01:53 PM)Tweety. Wrote: [\[CITE\]](#) Why would you? Just recompile for 4.0 like every other sane developer lol.

Because a simple file can make your app compatible for almost all .NET FW (except 1 & 1.1).

As you've said in this thread.

<https://hackforums.net/showthread.php?tid=4929968&pid=47264412#pid47264412>

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

(Jul 31, 2015 02:36 PM)Tweety. Wrote: [\[CITE\]](#) Oh look, someone who knows what they are talking

about.

He is right, Win10 does not have 3.5/2.0 installed by default, so no. You won't be able to infect that OS unless they have the FW installed. You're going to change your target Framework from 2.0 to 4.0? Great. Now you won't be able to infect Win8/8.1/7 OS.

Good luck :^)To clarify, you can infect Win8 if you change your Target Framework to 4.0

A very simple update of using an app.config can make your crypter/RAT compatible for .NET 2 and above, just copy it in your crypted file directory then you're set to go.

While in the topic, crypted or not, ran in the memory or not, just copy an app.config with the exe everything will sort out.

As I said in the former threads, this should be implemented long ago by .NET devs.

(Aug 1, 2015 10:59 AM)Tweety. Wrote: [\[CITE\]](#) You shouldn't be compiling anything under 4.0 in the first place. Why would you compile an application using obsolete Frameworks? 4.0+ is the way to go.

.NET 2 is NEVER obsolete, the right term between .NET 2 and newer version is upgraded.

That's why there is a backward compatibility. If it is obsolete you can't use it with new FW versions, but you can.

Yes it is true, some of .NET 2 classes are obsolete, but nonetheless those are minor classes and if you're using new VS it would prompt that a class is obsolete.

AFAIK as long as you can tweak with WINAPI you won't have any problems.

.RAR/.ZIP with app.config is a simple solution to solve a lot of .NET compatibility problems.

You will compress your exe btw, what's the lost doing it?

For what I know it will make your exe look like a credible app rather than a suspicious single executable.

References:

<https://msdn.microsoft.com/en-us/library/jj152935%28v=vs.110%29.aspx>

[https://msdn.microsoft.com/en-us/library/windows/desktop/hh848079\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/hh848079(v=vs.85).aspx)

[https://msdn.microsoft.com/en-us/library/ee461502\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/ee461502(v=vs.110).aspx)

Drunk_Eyez302 - August 2, 2015, 12:38 am

very useful and wonderful explanation.

SaketSaket - August 2, 2015, 5:25 am

Nice tutorial... Yesterday while trying one of old app i face same problem & now i have solution... Thanks ;)

Crizzybee - April 24, 2016, 11:14 pm

Why the .Net framework version in the config file is "v2.0.50727", not "v2.0"? Is the minor version is required? if yes, how to find the proper minor version?