

# Forum:[Hack Forums](#)

Thread: [\[Pre-release\] EASY C# COMPILER WRAPPER](#)

**gigajew** - October 27, 2017, 11:38 am

I've written this thread twice now and Microsoft Edge browser removed my text and backed me out. Needless to say jimmies have been rustled, so I'll populate this with information later. New versions of this compiler wrapper will be posted in this thread. If not in the OP, then in a reply.

## Usage

```
Code    class Program
    {
        static void Main(string[] args)
        {
            var compiler = new Compiler();
            var settings = new CompilerSettings("Stub");

            // populate settings
            settings.AddSource(Properties.Resources.source);
            settings.BuildMode = BuildMode.Release;
            settings.BuildType = BuildType.Console;

            // compile
            var result = compiler.Compile(settings, "outputAssembly.exe");

            // display result to user (built-in!)
            compiler.DisplayResult(result);
        }
    }
```

FeaturesEasy to use properties (even for beginners)

Easily add resources from byte[], stream, or filename

Built-in result prompt, asks if you want to open the output directory

Download

Version 0.1 (pre-release) <https://pastebin.com/8CFx3ZYV>

Version 0.2 <https://pastebin.com/VY0ksysT>

**0xDEAD10CC** - October 27, 2017, 4:25 pm

I built a tool like this a few years back too which was pretty basic but flexible for changing the .NET version and such. It was a useful tool for when you don't have a C# compiler to work with, and don't have internet to use online compilers.

**Ninja** - October 27, 2017, 5:17 pm

What if the compilation returns errors? How will those errors be handled?

**gigajew** - October 27, 2017, 6:36 pm

It returns the .NET framework CompilerResults from

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

**Ninja** - October 27, 2017, 10:34 pm

(Oct 27, 2017 06:36 PM)gigajew Wrote: [\[CITE\]](#) It returns the .NET framework CompilerResults from [https://msdn.microsoft.com/en-us/library/system.codedom.compiler.compilerresults\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/system.codedom.compiler.compilerresults(v=vs.110).aspx)  
Ah, that makes sense. I have no experience with CodeDom in the slightest hence I asked.