

**ARE YOU
USING VISUAL
STUDIO LIKE
IT'S 2004 OR
2024?**

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If you use it right, Visual Studio is the most powerful tool in the world.

But it's horrible in showing you its advanced features.

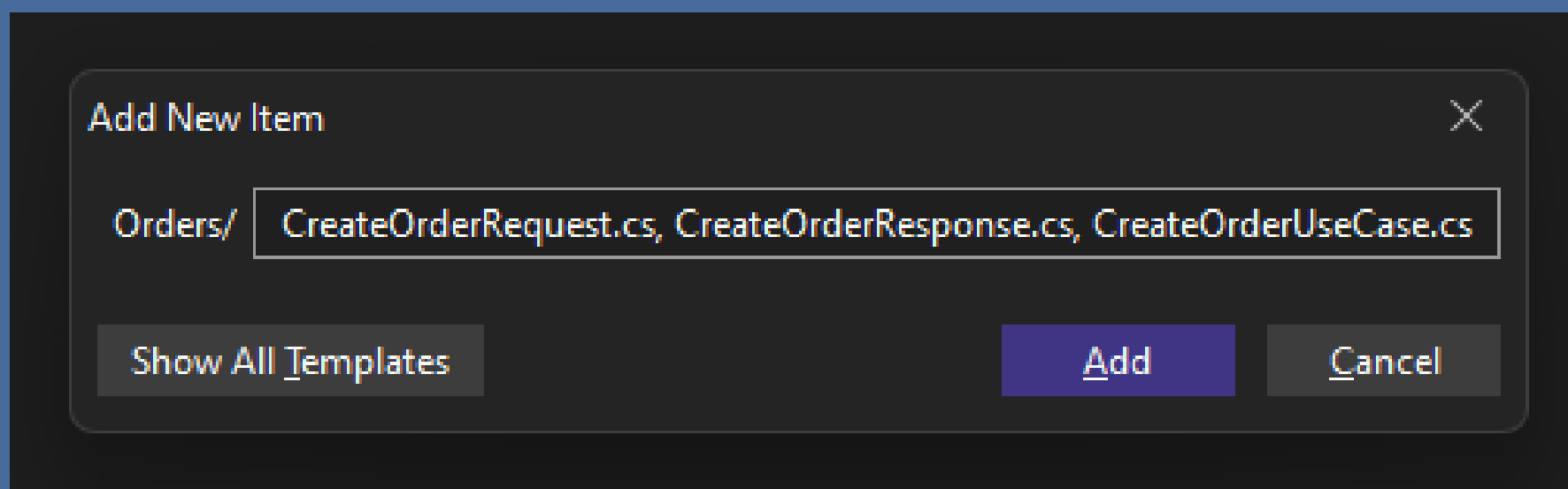
Here are 9 of them you probably know nothing about.



#1 - Create multiple classes at once

How to do it?

In the "Add New Item" window, type multiple class names separated by a comma.

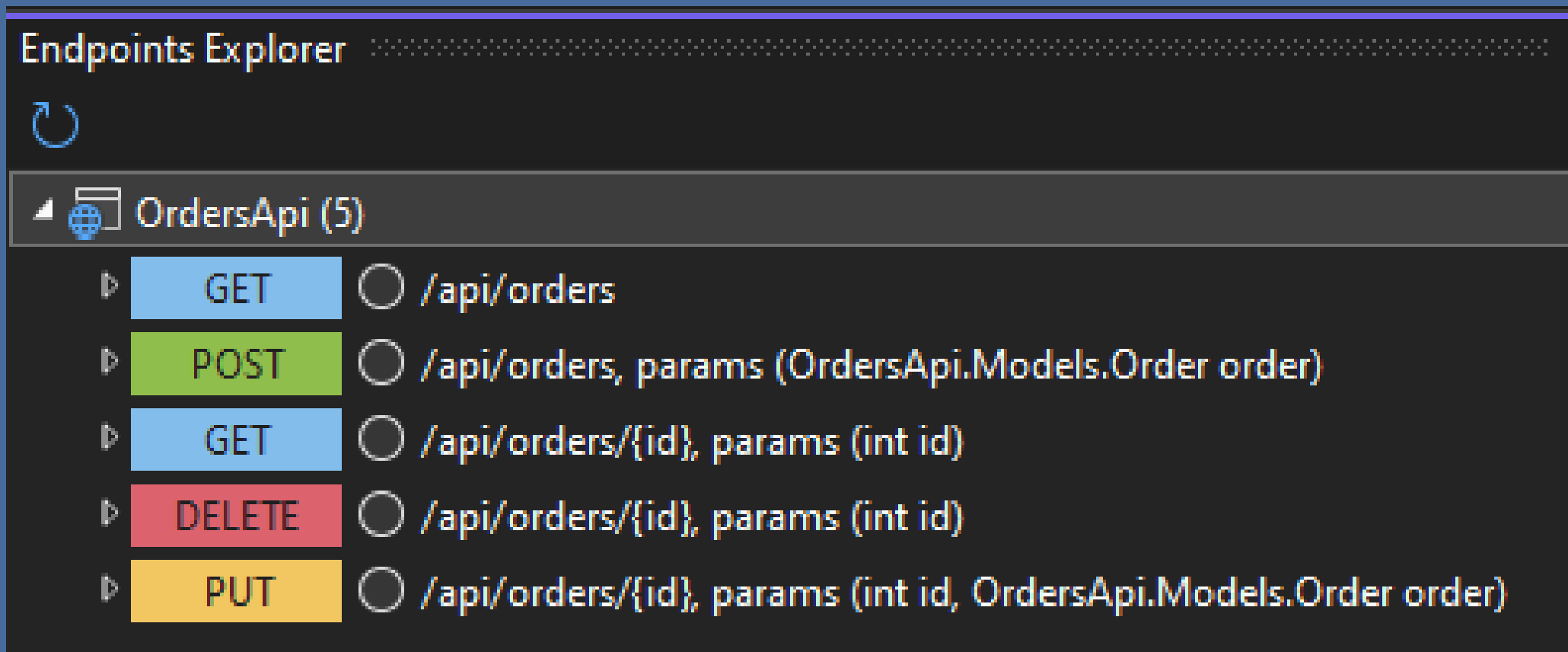


#2 - Endpoints Explorer window

See all API endpoints in the solution.

You can also generate & send API requests.

To use it, select View -> Other Windows -> Endpoints Explorer.

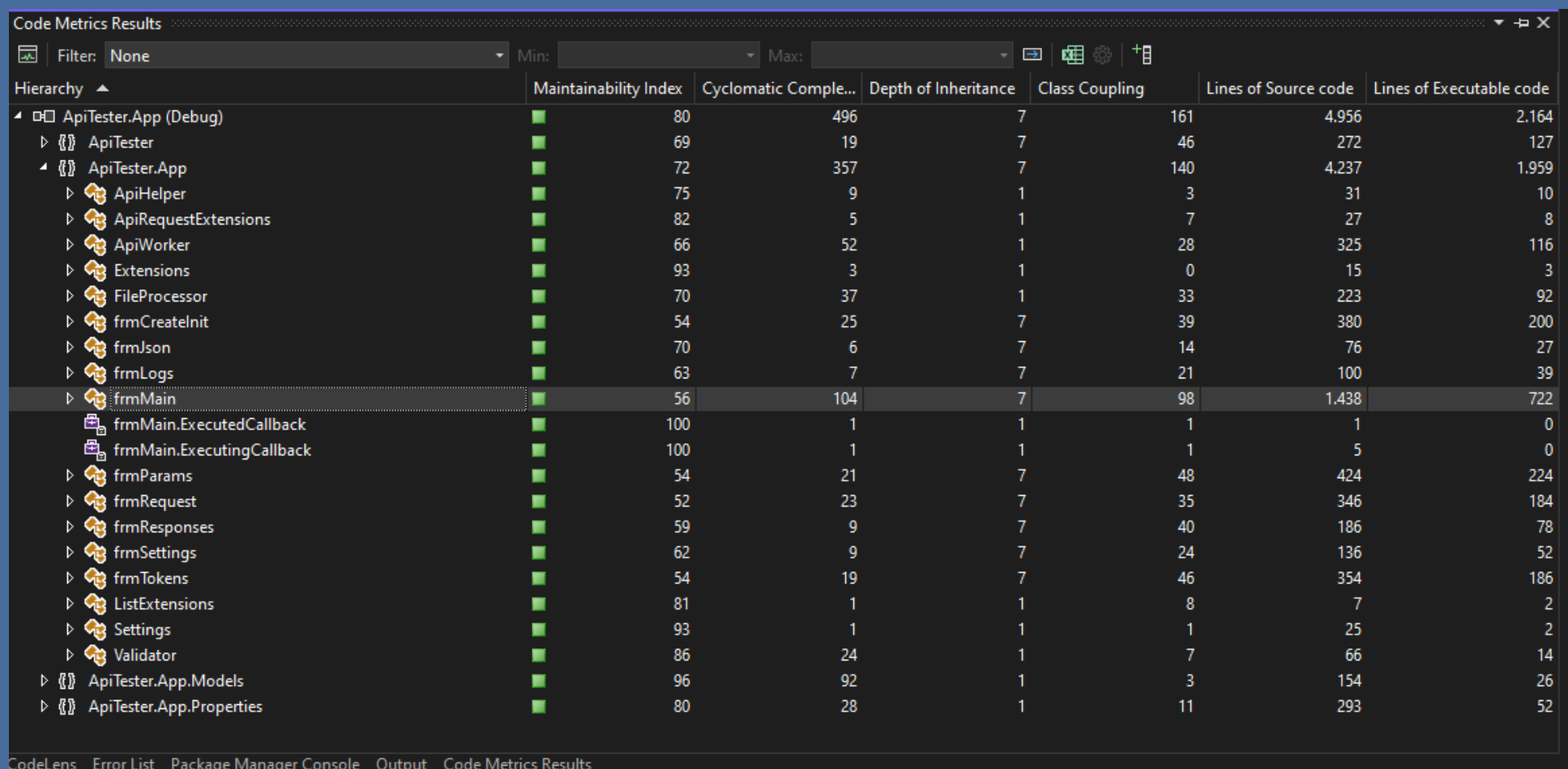


#3 - Analyze code complexity

Struggling with the spaghetti code?

Analyze code to find the most complex classes that you should improve.

Go to **Analyze -> Analyze Code Metrics**.

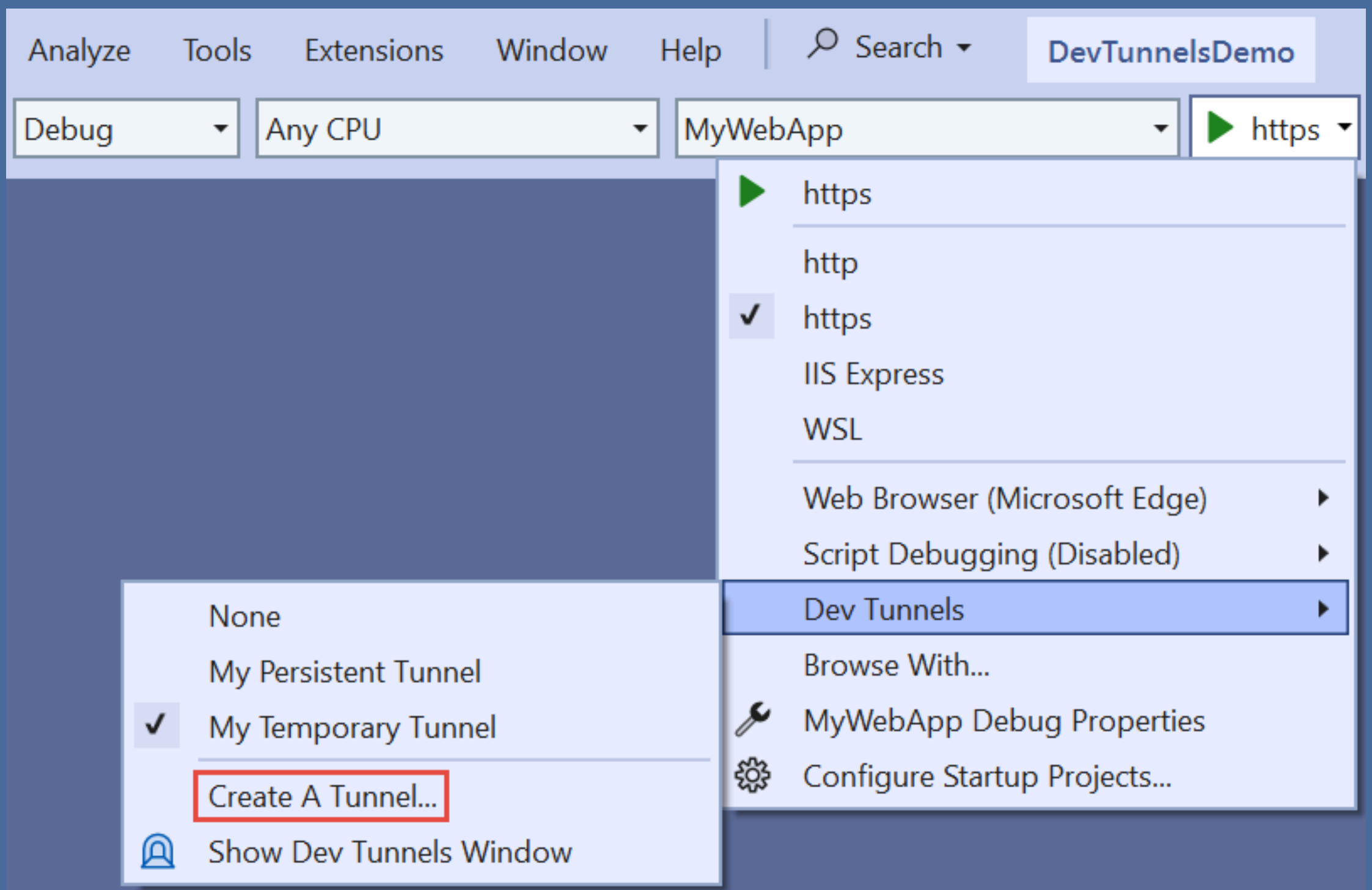


| Hierarchy | Maintainability Index | Cyclomatic Comple... | Depth of Inheritance | Class Coupling | Lines of Source code | Lines of Executable code |
|---------------------------|-----------------------|----------------------|----------------------|----------------|----------------------|--------------------------|
| ApiTester.App (Debug) | 80 | 496 | 7 | 161 | 4,956 | 2,164 |
| ApiTester | 69 | 19 | 7 | 46 | 272 | 127 |
| ApiTester.App | 72 | 357 | 7 | 140 | 4,237 | 1,959 |
| ApiHelper | 75 | 9 | 1 | 3 | 31 | 10 |
| ApiRequestExtensions | 82 | 5 | 1 | 7 | 27 | 8 |
| ApiWorker | 66 | 52 | 1 | 28 | 325 | 116 |
| Extensions | 93 | 3 | 1 | 0 | 15 | 3 |
| FileProcessor | 70 | 37 | 1 | 33 | 223 | 92 |
| frmCreateInit | 54 | 25 | 7 | 39 | 380 | 200 |
| frmJson | 70 | 6 | 7 | 14 | 76 | 27 |
| frmLogs | 63 | 7 | 7 | 21 | 100 | 39 |
| frmMain | 56 | 104 | 7 | 98 | 1,438 | 722 |
| frmMain.ExecutedCallback | 100 | 1 | 1 | 1 | 1 | 0 |
| frmMain.ExecutingCallback | 100 | 1 | 1 | 1 | 5 | 0 |
| frmParams | 54 | 21 | 7 | 48 | 424 | 224 |
| frmRequest | 52 | 23 | 7 | 35 | 346 | 184 |
| frmResponses | 59 | 9 | 7 | 40 | 186 | 78 |
| frmSettings | 62 | 9 | 7 | 24 | 136 | 52 |
| frmTokens | 54 | 19 | 7 | 46 | 354 | 186 |
| ListExtensions | 81 | 1 | 1 | 8 | 7 | 2 |
| Settings | 93 | 1 | 1 | 1 | 25 | 2 |
| Validator | 86 | 24 | 1 | 7 | 66 | 14 |
| ApiTester.App.Models | 96 | 92 | 1 | 3 | 154 | 26 |
| ApiTester.App.Properties | 80 | 28 | 1 | 11 | 293 | 52 |



#4 - Connect to your app remotely

Use the Dev Tunnels option to securely connect to your local app from another device.

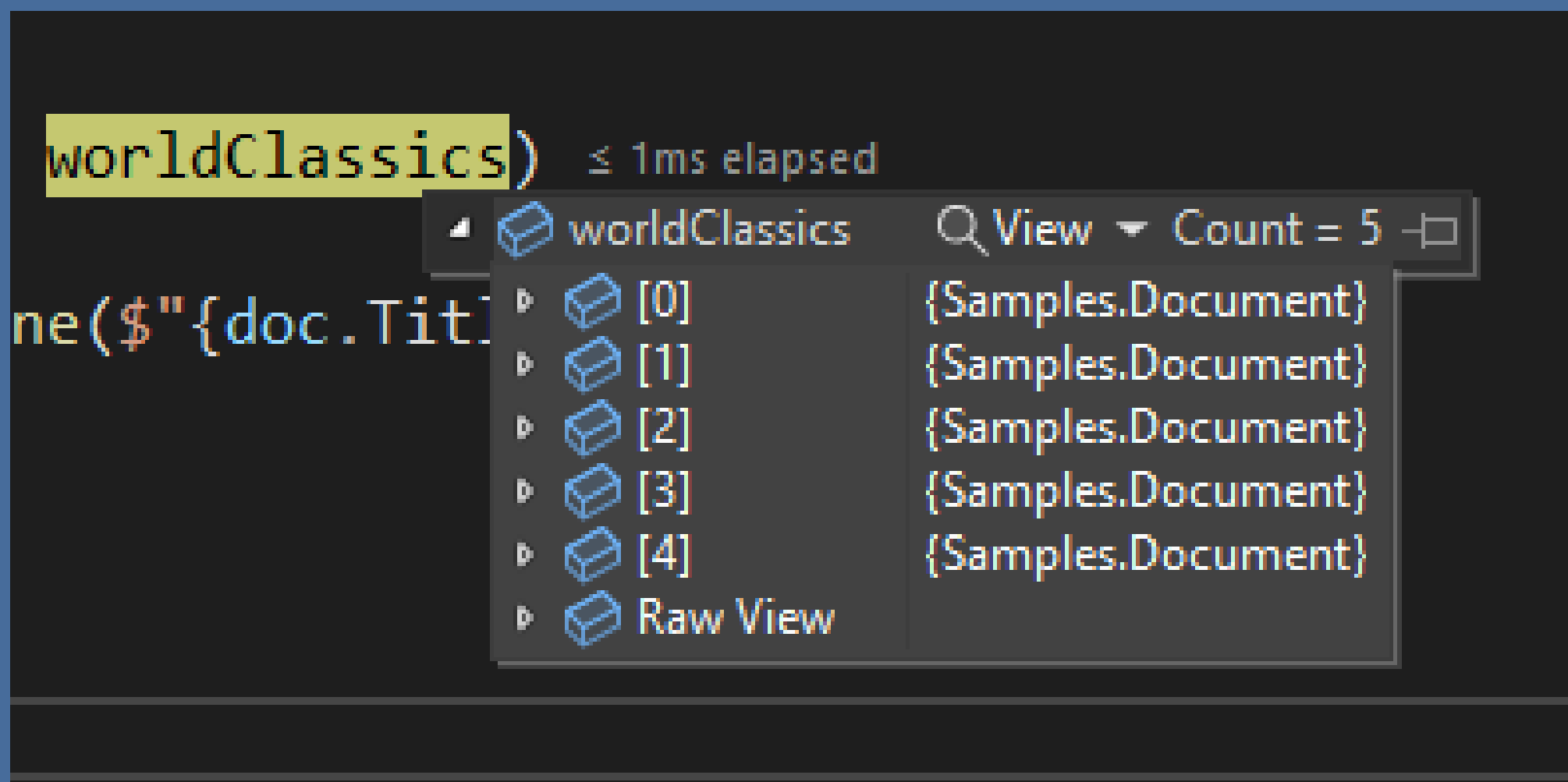


#5 - Easily inspect collection properties

The most annoying thing when debugging C# code?

Inspecting the values in the collection.

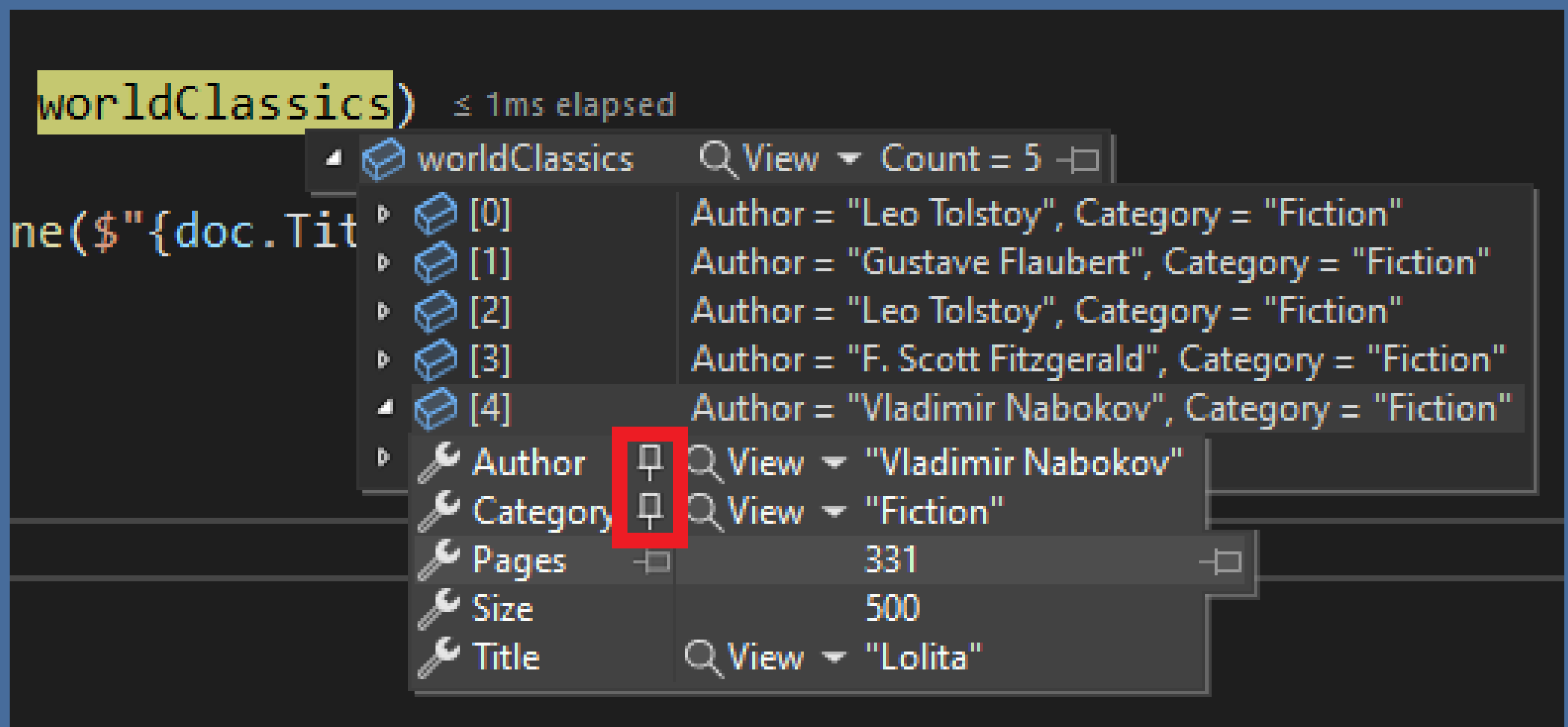
You need to expand every single element to check property values.



#5 - Easily inspect collection properties

Solution? The pinnable properties feature allows you to observe relevant properties quickly.

To use it, hover over a property and select the toggle-able pin.



#6 - See code examples

Don't know how to use a class from .NET?
Hover over it and use the “GitHub Examples and Documentation” button to see several code examples.

The screenshot shows a Visual Studio IDE with a hover tooltip for the `UriBuilder` class. The tooltip displays the class name and its purpose: "UriBuilder.UriBuilder() (+ 6 overloads) Initializes a new instance of the UriBuilder class." Below this, a button labeled "GitHub Examples and Documentation (Alt+O)" is highlighted with a red rectangular box. In the background, a code editor shows the `BuildURI()` method from `microsoft/ailab/CloudService.cs`, which uses `UriBuilder` to construct a URI. The code is as follows:

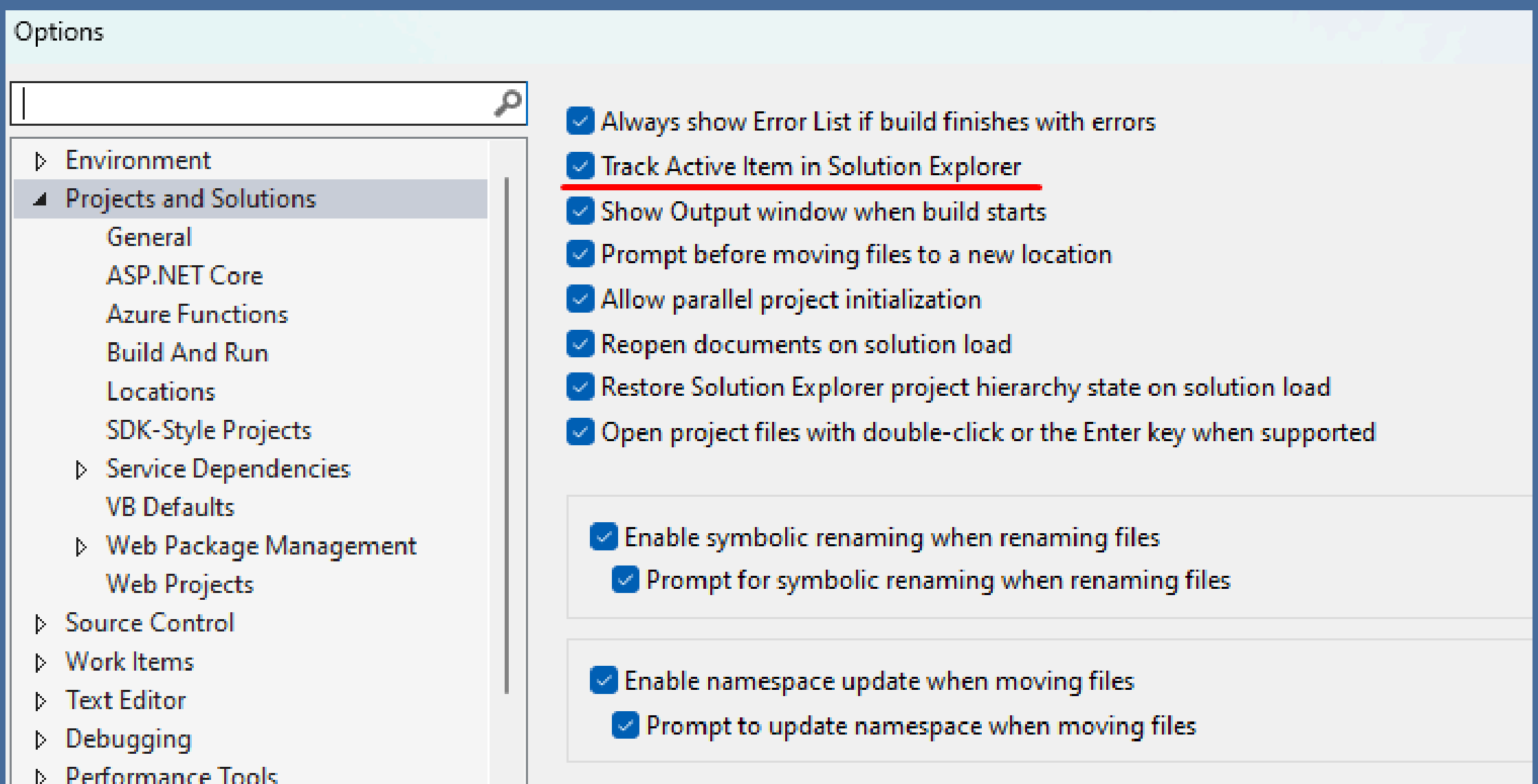
```
protected void BuildURI()
{
    URI = new UriBuilder
    {
        Scheme = "https",
        Host = this.Host,
        Path = this.Endpoint,
        Query = this.RequestParams
    }.Uri;
}
```



#7 - Track active item in solution explorer

Useful if you have to navigate through a large solution with many files and folders.

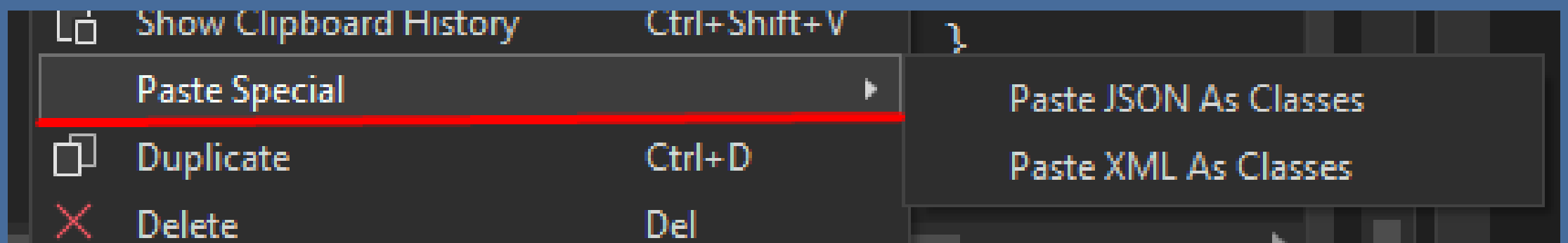
Activate with Tools -> Options -> Projects and Solutions.



#8 - Paste JSON as classes

Copy JSON and paste it as a C# class.

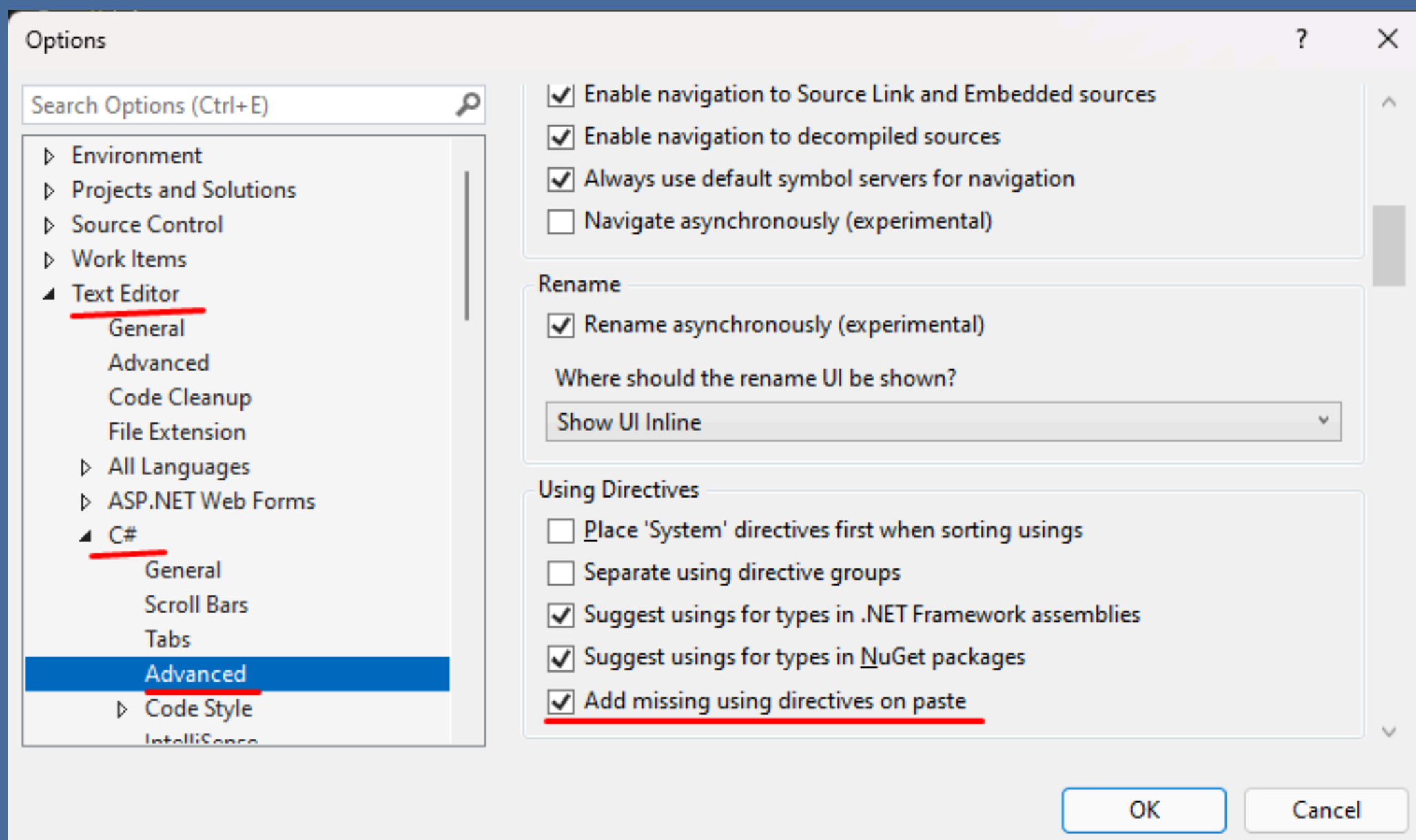
Go to Edit -> Paste Special -> Paste JSON As Classes.



#9 - Automatically add usings

Add missing usings on paste.

Activate with Tools -> Options -> Text Editor -> C# -> Advanced -> Add missing using directives on paste



Thanks for reading!

**Please repost to help others
use Visual Studio to its max
potential.**