WebAPI2CLI

Contents

WebAPI2CLI

Execute ASP.NET Core WebAPI from Command Line

How to use (for .NET Core 3.1)

Step 1 - find the definition of the commands

First, you must generate the definition of the commands. For this, we take the OPEN API (swagger) approach.

For this, after you compile the project, you will run your .exe program with arguments:

< myexe >.exe --CLI_ENABLED=1 --CLI_HELP=1

(or make this from *Visual Studio, Project, Properties, Debug*)

This will generate a *cli.txt* file with all definitions of the WebAPI. (if your API does not appear, check if you have *ApiController* defined)

Open your *cli.txt* file and modify the names of the commands as you wish (also , the arguments)

Copy this *cli.txt* in your solution and be sure that is copied with the exe (in Visual Studio right click the file, properties, Build Action = Content, CopyToOutputDirectory = Copy if newer)

Step 2 - run the commands

Ensure that the file is near your exe WebAPI.

Run the exe with the following:

< myexe >.exe --CLI_ENABLED=1 ----CLI_Commands="your first command,your second command, and enumerate all commands"

The program will run the commands and output the result.

F.A.Q.

Will my WebAPI work as before?

The software takes care about

--CLI_ENABLED=1

If you do not have this command, your website runs as before