

Ideas for Adding Your Own Code

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Adding Projects

1 INTRODUCTION

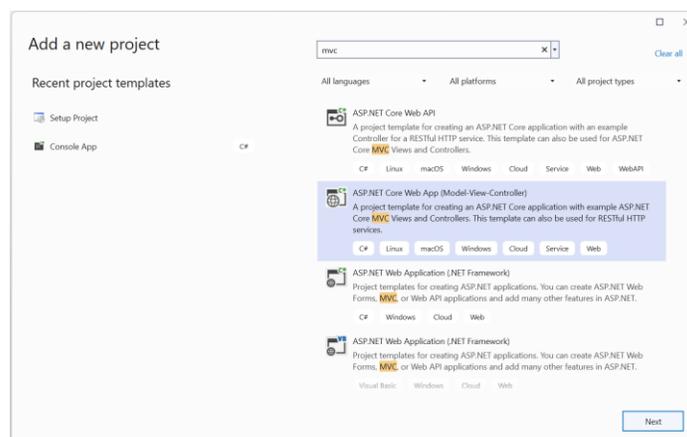
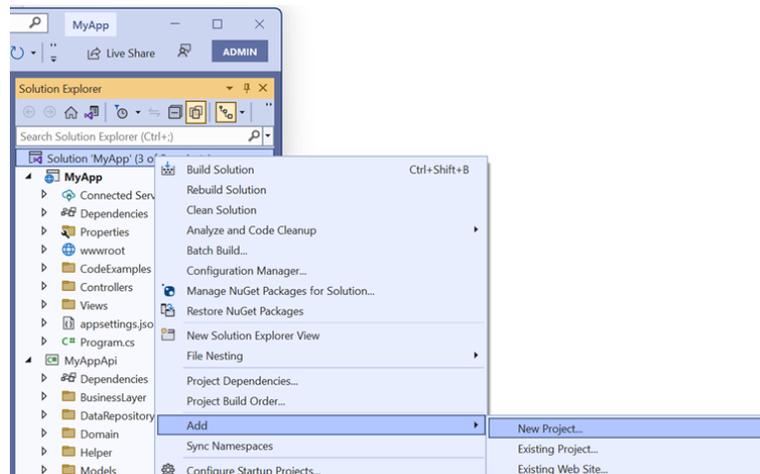
In addition to the *Customization by Adding Your Own Code* tutorial, this topic will show you some ideas on how to add your own code to the AspCoreGen 6.0 MVC's generated code.

2 ADD A NEW PROJECT

You can your own projects to the solution.

2.1 ADD A NEW MVC PROJECT

You can add a new web application and use it to add all your presentation layer code in it.



Configure your new project

ASP.NET Core Web App (Model-View-Controller) C# Linux macOS Windows Cloud Service Web

Project name
MyOwnWebApp

Location
C:\inetpub\wwwroot\MyApp

Project will be created in "C:\inetpub\wwwroot\MyApp\MyOwnWebApp"

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Additional information

ASP.NET Core Web App (Model-View-Controller) C# Linux macOS Windows Cloud Service Web

Framework
.NET 6.0 (Long Term Support)

Authentication type
None

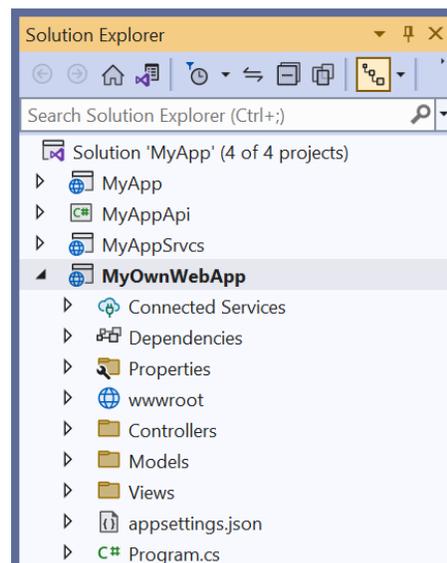
Configure for HTTPS

Enable Docker

Docker OS
Linux

Do not use top-level statements

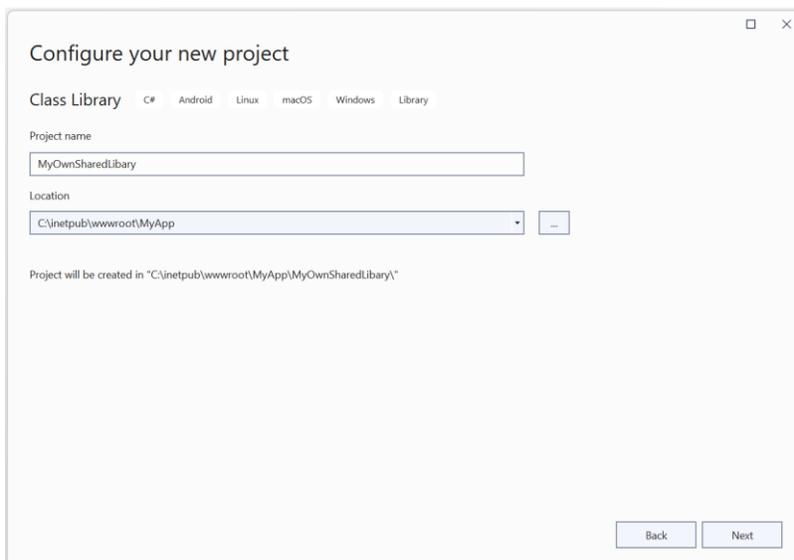
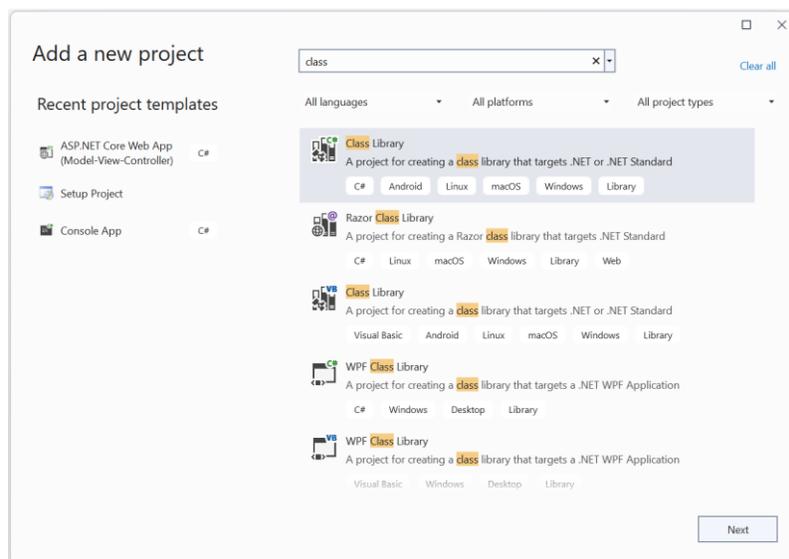
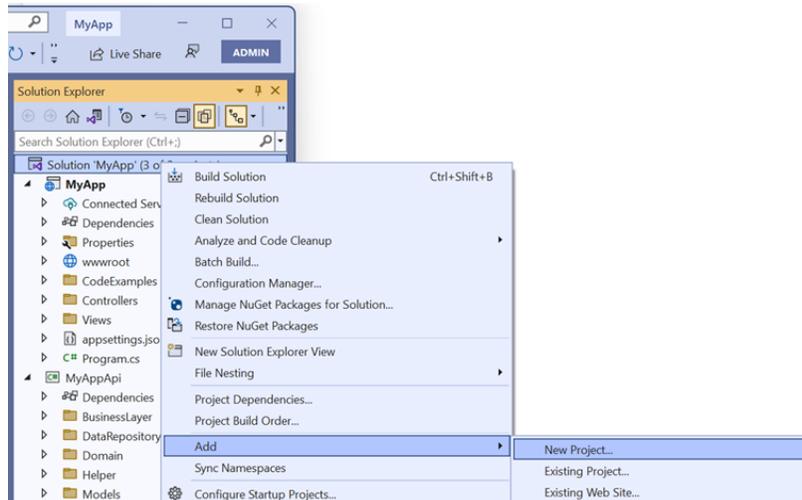
Back Create

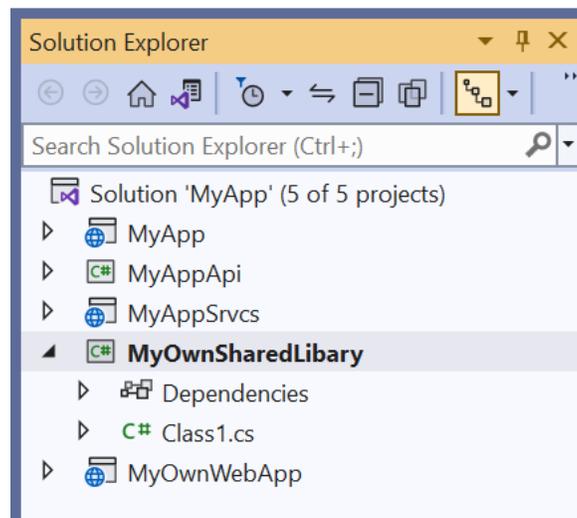
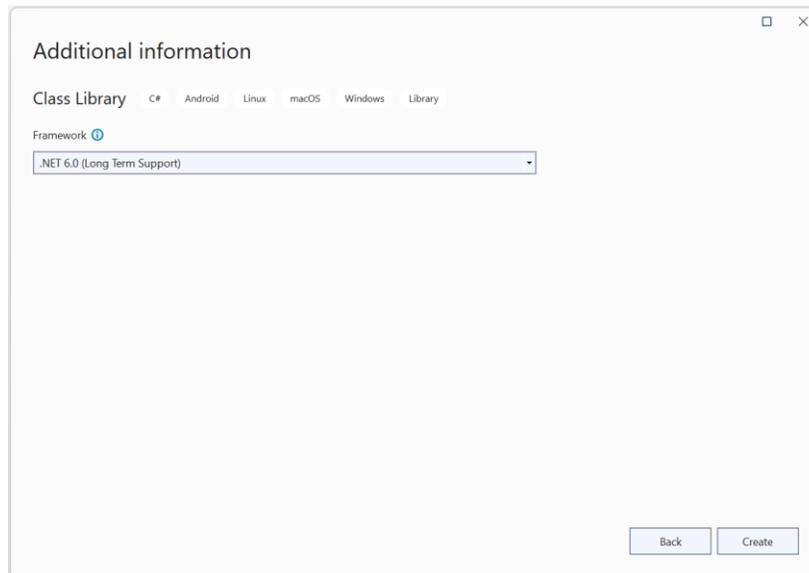


Note: In this example, even if you keep regenerating code for *MyApp* using *AspCoreGen 6.0 MVC*, your newly created web application (*MyOwnWebApp*) and everything in it will not get overwritten.

2.2 ADD A NEW CLASS LIBRARY PROJECT

You can add a new *Class Library Project* and use it to add all your presentation layer code in it.



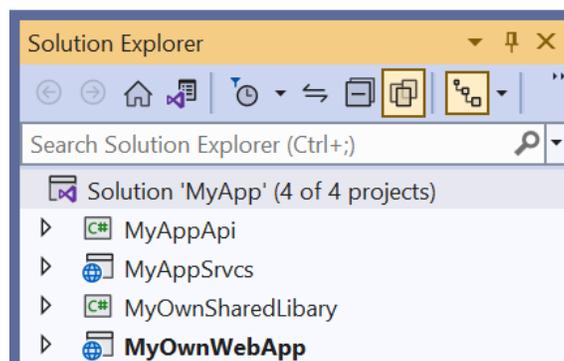
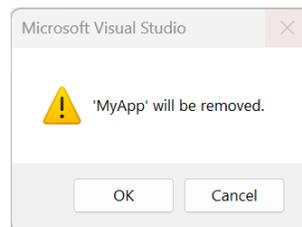
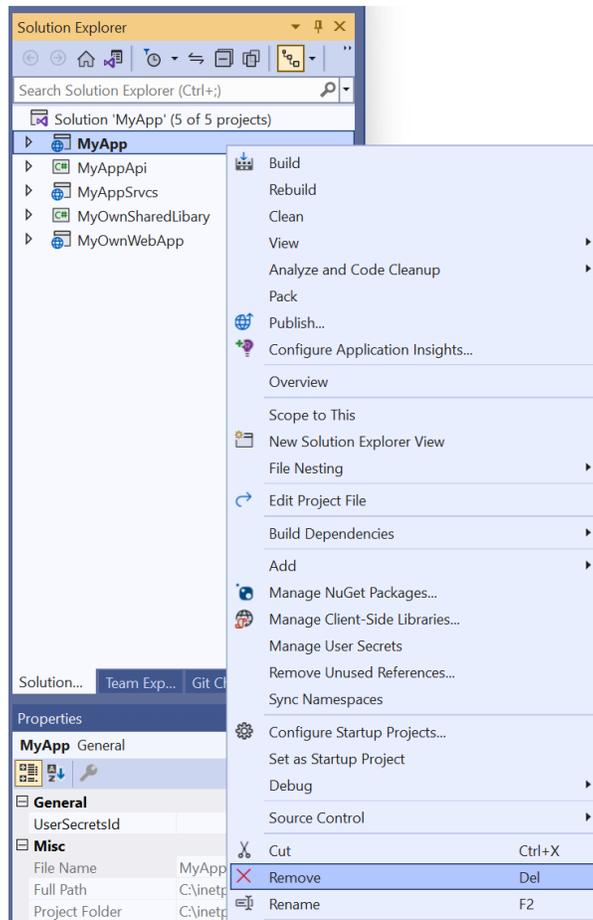


Note: In this example, even if you keep regenerating code for *MyApp* using *AspCoreGen 6.0 MVC*, your newly created *Class Library Project (MyOwnSharedLibrary)* and everything in it will not get overwritten.

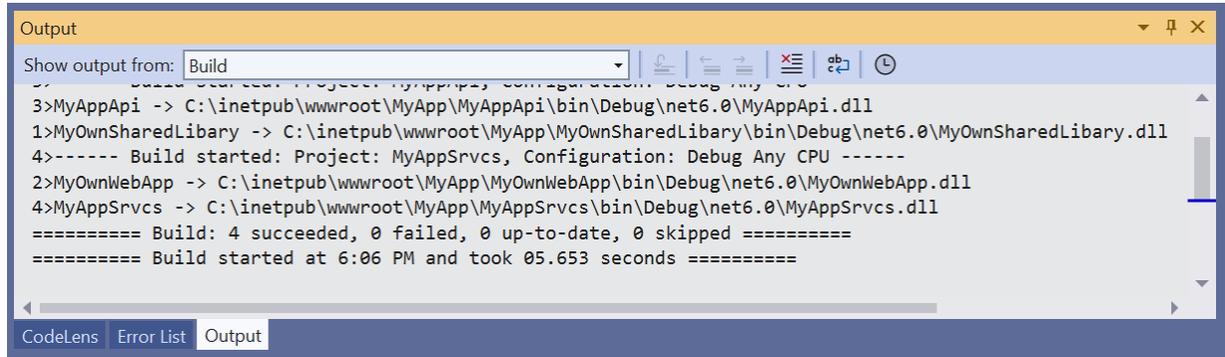
At this point you probably get what we mean. You can add new projects to the generated web application, in this example just make sure it's not named *MyApp*, *MyAppApi*, and *MyAppSrvs*.

3 REMOVE THE GENERATED WEB APPLICATION PROJECT

Yes you can remove the Web Application Project that was generated by AspCoreGen 6.0 MVC. In this example, it is the *MyApp* Web Project.



When you rebuild the solution it builds just fine.



The screenshot shows the Output window in Visual Studio. The 'Show output from:' dropdown is set to 'Build'. The output text is as follows:

```

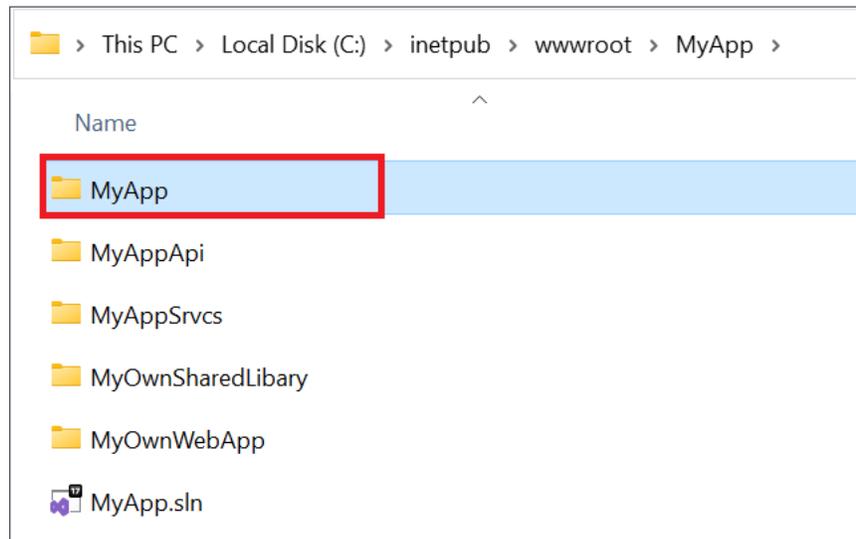
3>MyAppApi -> C:\inetpub\wwwroot\MyApp\MyAppApi\bin\Debug\net6.0\MyAppApi.dll
1>MyOwnSharedLibrary -> C:\inetpub\wwwroot\MyApp\MyOwnSharedLibrary\bin\Debug\net6.0\MyOwnSharedLibrary.dll
4>----- Build started: Project: MyAppSrvcs, Configuration: Debug Any CPU -----
2>MyOwnWebApp -> C:\inetpub\wwwroot\MyApp\MyOwnWebApp\bin\Debug\net6.0\MyOwnWebApp.dll
4>MyAppSrvcs -> C:\inetpub\wwwroot\MyApp\MyAppSrvcs\bin\Debug\net6.0\MyAppSrvcs.dll
===== Build: 4 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build started at 6:06 PM and took 05.653 seconds =====

```

At the bottom of the window, the 'Output' tab is selected, with 'CodeLens' and 'Error List' tabs also visible.

Note: In this example, when you regenerate code for *MyApp*, the web application is still continuously generated in the same folder, but it will be excluded from the *Solution*. So you can still use those generated MVC files as examples when you build your application.

Note: You can also open the *MyApp.csproj* on it's own.



You can read end-to-end tutorials on more subjects on using AspCoreGen 6.0 MVC Professional Plus that came with your purchase. These tutorials are available to customers and are included in a link on your invoice when you purchase AspCoreGen 6.0 MVC Professional. Download example shown here at: <https://junnark.com/CustomProjectSamples/acg6mvc/StoredProcWa.zip>

Note: Some features shown here are not available in the Express Edition. The code in this tutorial is available for download for paying customers only, please email us at Software Support for more information.

End of tutorial.