Project Creation

Introduction

This guide will walk you through the steps to create a new .NET project in Visual Studio Code, from opening the necessary tools to running your first program.

Steps to Create a New .NET Project

1. Open the command palette

    a. Press Ctrl+Shift+P (Windows) or Cmd+Shift+P (Mac) in Visual Studio Code.

2. Start a new .NET project

    a. Type ".NET new project" into the Command Palette and select the option from the list.

3. Choose a project template

    a. Pick the type of project you want to create (e.g., Console Application or Web Application). For a simple start, select "Console Application."

4. Select the project folder

    a. Choose the folder where you want to save your new project and click "Select Folder."

5. Name your project

    a. Enter a name for your project. A new folder with this name will be created in your chosen directory.

6. Trust the project files

    a. When prompted, click "Trust the authors" to allow Visual Studio Code to use the new files.

7. View your project files

    a. Open the Explorer panel in Visual Studio Code to see the newly created files, such as Program.cs.

8. Run your project

a. Open the terminal, type `dotnet run`, and press Enter to run your new .NET project. You should see "Hello World" displayed in the terminal.

Conclusion

By following these steps, you've successfully created and run a new .NET project in Visual Studio Code. This foundational knowledge will help you as you continue to develop more complex applications.