SpecFlow Setup



This section will guide you to:

* Set up SpecFlow

**Development Environment:**

* Windows 10
* Visual Studio 2019 Community Version

This guide has seven subsections, namely:

1. Creating a Unit Test project to set up SpecFlow
2. Installing Specflow and related libraries
3. Creating a sample feature file
4. Creating a sample steps file
5. Building the project
6. Running all the tests in Test Explorer
7. Pushing the code to your GitHub repositories

**Step 1.5.1:** Creating a Unit Test project to set up SpecFlow

* From the top menu, click **File->New->Project.**
* Select **Unit Test Project (.NET Framework)** for Visual C# from the displayed project types and click **Next.**
* Put **Project Name** as Phase4Section1.18 and click **Create.**
* This will create a Unit Testing project.

**Step 1.5.2:** Installing Specflow and related libraries

* From **Solution Explorer,** right click **Phase4Section1.18** and click **Manage Nuget Packages.**
* Click on the **Browse** tab and search for Specflow.
* Click on the **Specflow** item and click **Install.**
* Repeat the above two steps for
  + **SpecRun.Runner and**
  + **SpecFlow.Tools.MSBuild.Generation**.
* Repeat the same steps for **NUnit.**
* This will install the required Specflow libraries for the project.