xUnit Testing

.NET

xUnit.net is a free, open source, community-focused unit testing tool for the .NET Framework. xUnit.net is the latest technology for unit testing C# and other .NET languages. xUnit.net is part of the .NET Foundation.

xUnit Testing – Step By Step

https://docs.microsoft.com/en-us/dotnet/core/testing/unit-testing-with-dotnet-test#create-a-test
https://docs.microsoft.com/en-us/dotnet/core/testing/unit-testing-with-dotnet-test

1. Open a Solution in Visual Studio.

2. Right-Click the Solution.

3. Add >> new project…

4. Type "xunit" in the template box.

5. Select *xUnit Test Project(.NET Core)*.

6. Name the project whatever you want (VS inserts '_' for spaces).

7. Right-Click 'Dependencies' in the test project.

8. Click 'Add Reference'

9. In the left pane, click 'Projects'

10. In the center pane, click to place a check next to the Projects containing methods you want to test.

11. Click 'OK'

12. Add Tests to the Test project.

Arrange, Act, Assert

The three steps to create a test.