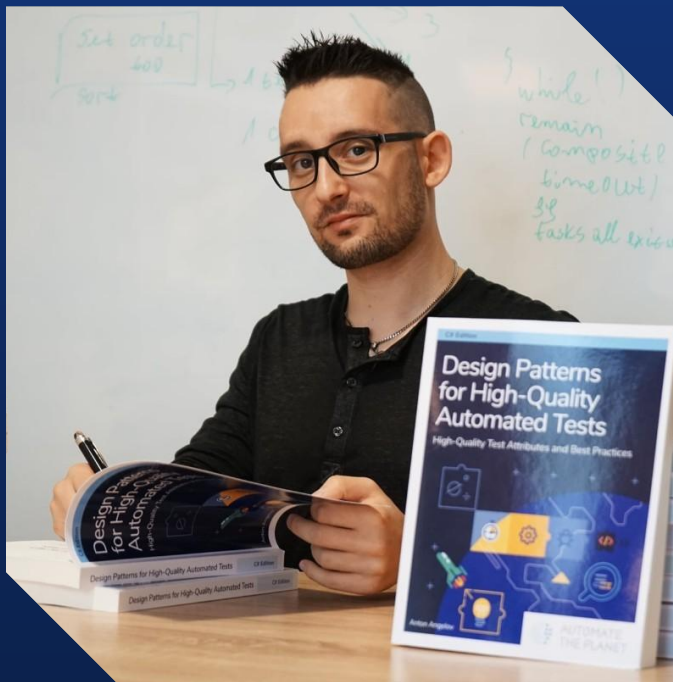


XUnit Tutorial Using Selenium C#





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COURSE MODULES

01

What is XUnit? Getting started

02

Setting up xUnit framework for Visual Studio

03

Attributes in xUnit

04

Writing first Automated Test using XUnit in Selenium

05

Parallel Testing using XUnit

06

Parameterized Tests in XUnit For Selenium Testing



COURSE MODULES

07

Cross Browser testing
using XUnit and
LambdaTest





LambdaTest

LambdaTest cloud platform enables you to run both manual and automated tests on your website and web app across 2000+ different browsers and operating system environments.

TABLE OF CONTENTS

01

What is xUnit?

02

Advantages of xUnit.net

03

Migration from xUnit V1
to xUnit V2





01

WHAT IS XUNIT



What is XUnit

- xUnit.net is a free, open source unit testing tool for .NET
- Written by the original inventor of NUnit v2
- Can be used with C#, F#, VB.NET and other .NET languages
- Works well with ReSharper, CodeRush, TestDriven.NET and Xamarin
- It is part of the .NET Foundation



xUnit Sample Test Structure

```
public class TestClass
{
    [Fact]
    public void PassingTest()
    {
        Assert.Equal(4, Add(2, 2));
    }

    int Add(int x, int y)
    {
        return x + y;
    }
}
```



02

Advantages



Advantages of Unit Testing with xUnit.Net

- Fact and Theory for Improved Extensibility
- Better Isolation Of Tests
- Absence Of [SetUp] and [TearDown] Attributes
- Minimal Custom Attributes
- Assert.Throws Instead Of [ExpectedException]



03

Migration from v1 to v2



Migration from xUnit V1 to xUnit V2

- Updation of xUnit libraries

UnInstall-Package xunit
Install-Package xunit

UnInstall-Package xunit.extensions




THANKS



Do you have any questions?

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