XUnit Tutorial Using Selenium C#

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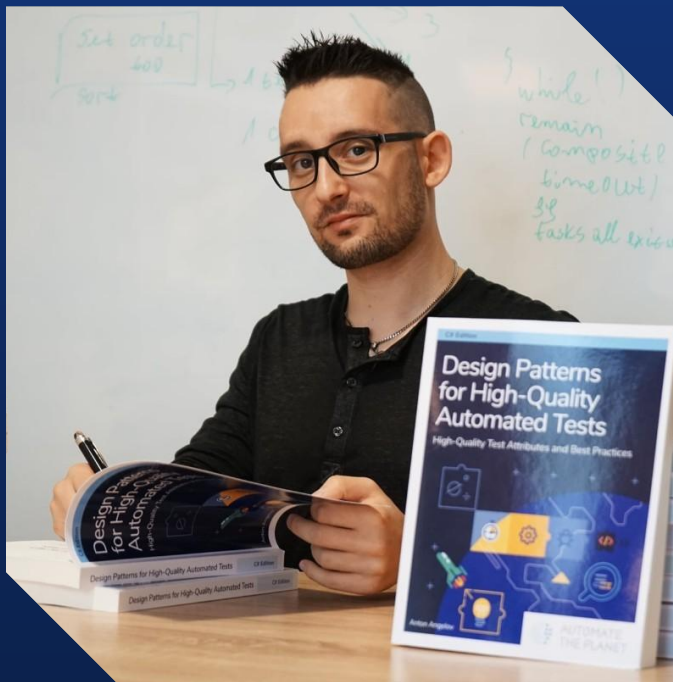
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Expert on Selenium

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What is XUnit?

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Setting up xUnit
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Attributes in xUnit

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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.

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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

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xUnit Sample Test Structure

```csharp
public class TestClass
{

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


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

02

Advantages

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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

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Migration from xUnit V1 to xUnit V2

- Updation of xUnit libraries

UnInstall-Package xunit
Install-Package xunit

UnInstall-Package xunit.extensions

THANKS

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