Writing Less Test Code and Improving Test Maintenance

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Overview

The problem with manual test data creation

Create refactor-safe test code with AutoFixture

Parameterized xUnit.net tests with anonymous data

Auto-mocking with AutoFixture and Moq

Combine auto-mocking and auto data in xUnit.net

Use AutoFixture to improve your code

Summary

The problem with manual test data creation

Created refactor-safe test code

Parameterized xUnit.net tests with anonymous data

- [AutoData] [InlineAutoData]

Auto-mocking with AutoFixture and Moq

- new AutoMoqCustomization()

Combine auto-mocking and auto data in xUnit.net

- AutoMoqDataAttribute

Using AutoFixture to improve your code

Resources and Further Learning

https://github.com/AutoFixture

Pluralsight:

- "Mocking with Moq and xUnit"

- "Testing .NET Code with xUnit.net: Getting Started"

- "C# Unit Testing with xUnit" path