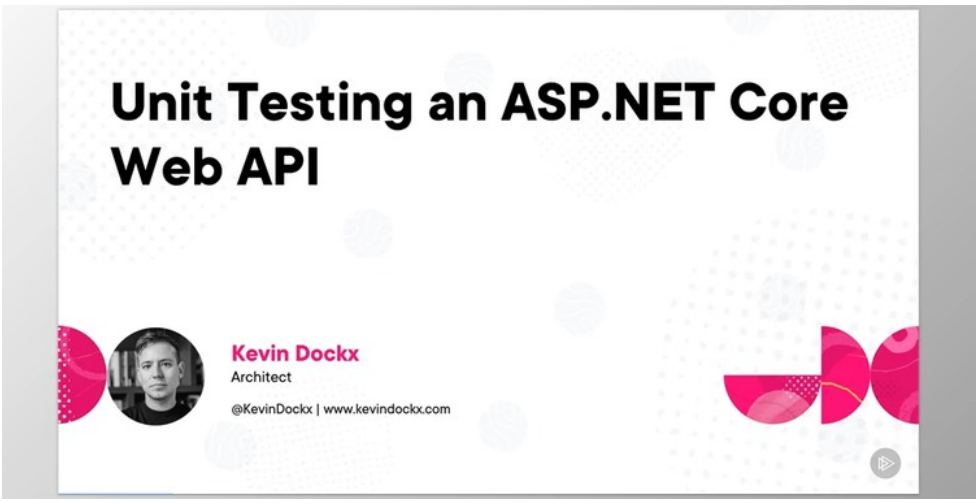
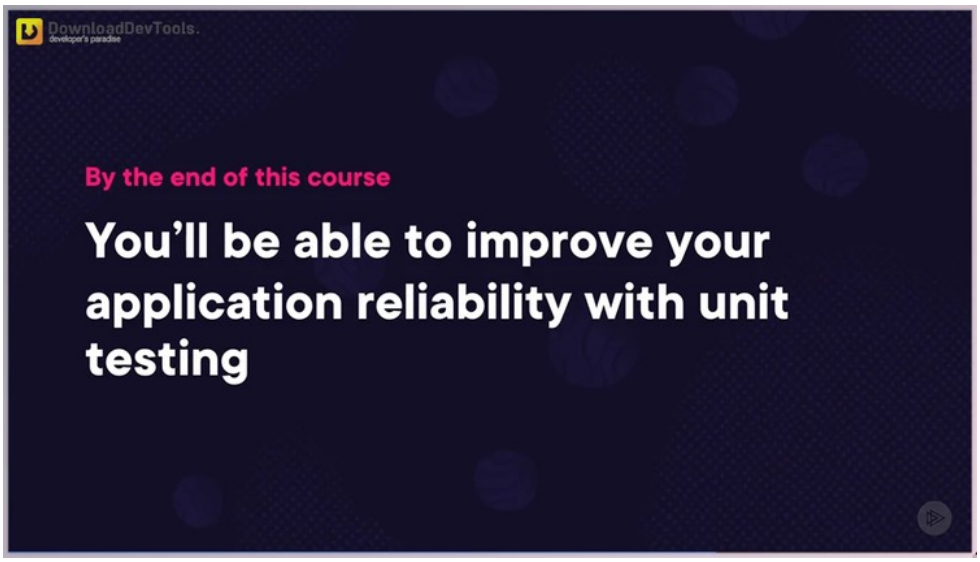
Unit Testing an ASP.NET Core Web API - Kevin Dockx

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Enhance the reliability of your ASP.NET Core Web API through comprehensive unit testing techniques with xUnit.net. In this course "", you'll delve into the core principles of unit testing, employing the arrange, act, and assert pattern to validate various scenarios such as string comparisons, collection assertions, and exception handling.

You'll master diverse strategies for setting up your test environment, including data-driven testing and methods for isolating tests. Additionally, you'll explore specialized techniques for testing API components such as controllers, middleware, and filters.

By the **Unit Testing an ASP.NET Core Web API - Kevin Dockx**'s conclusion, you'll be equipped to seamlessly integrate unit testing into your development workflow, bolstering the reliability and robustness of your ASP.NET Core Web API.

Unit Testing an ASP.NET Core Web API Table of contents:

1. Course Overview (1 minute)
2. Introduction to Unit Testing (39 minutes)
3. Tackling Basic Unit Testing Scenarios (59 minutes)
4. Setting Up Tests and Controlling Test Execution (34 minutes)
5. Working with Data-driven Tests (24 minutes)
6. Isolating Unit Tests with ASP.NET Core Techniques and Mocking (46 minutes)
7. Unit Testing ASP.NET Core API Controllers (64 minutes)
8. Unit Testing ASP.NET Core Middleware, Filters, and Service Registrations (16 minutes)
9. Integrating Unit Tests In Your Development and Release Flows (27 minutes)

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标签

.Net Components ASP.Net

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