

Testing .NET Code in Visual Studio 2019

CREATING YOUR FIRST TEST PROJECT



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Module Outline



The Wired Brain Coffee scenario

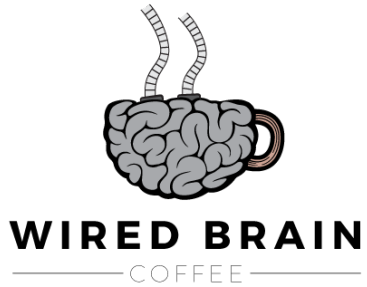
- Coffee Cup Order Admin tool

Look at the code to test

Create a test project

- Add a test class
- Run your test method

Course outline



The Wired Brain Coffee Scenario

A company that runs
several coffee shops



They want to sell
their unique
coffee cups

They have already built a tool

*Coffee Cup
Order Admin*

They ask you to test and
extend the logic
to create orders





Could you please show me the
Coffee Cup Order Admin tool?



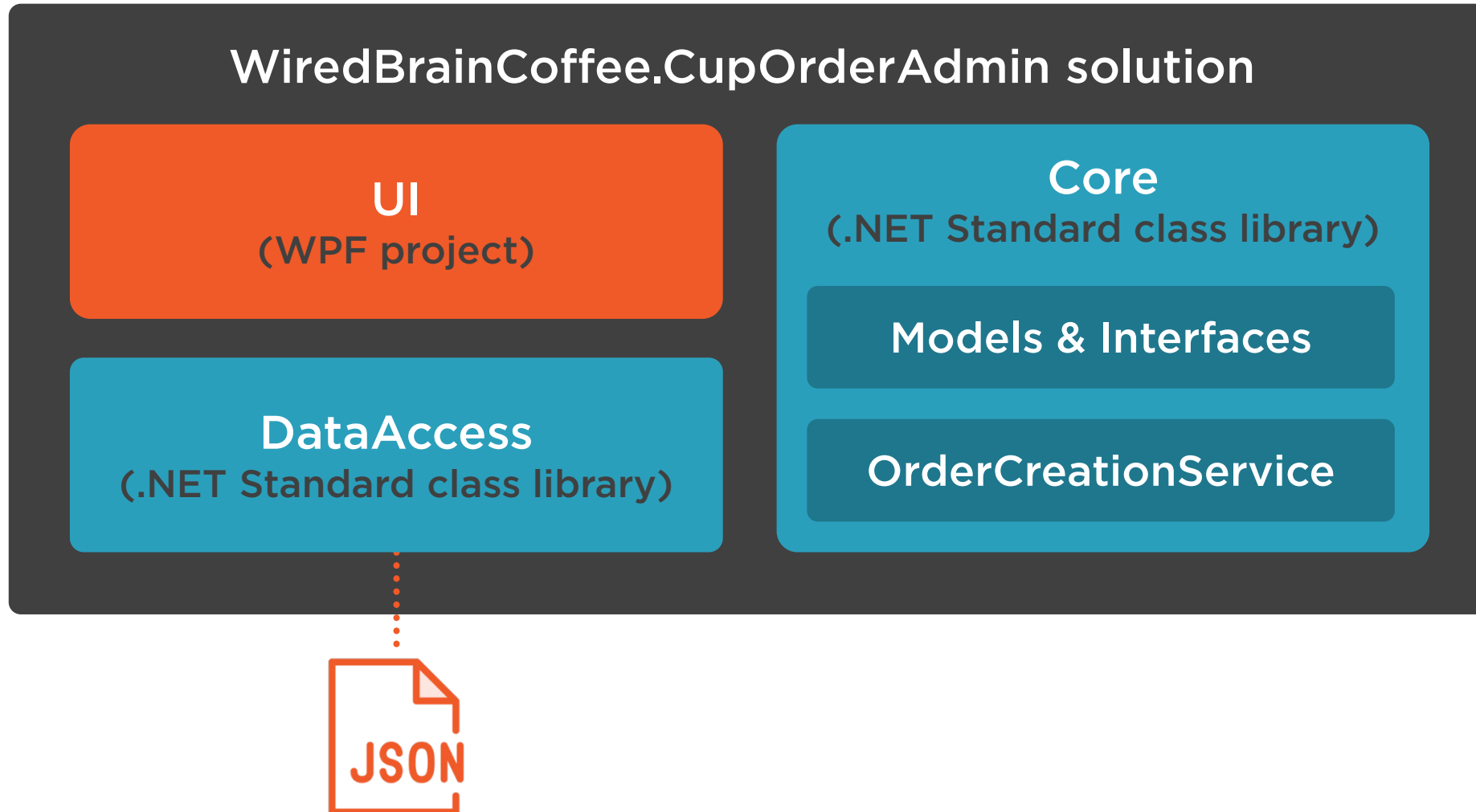
Demo



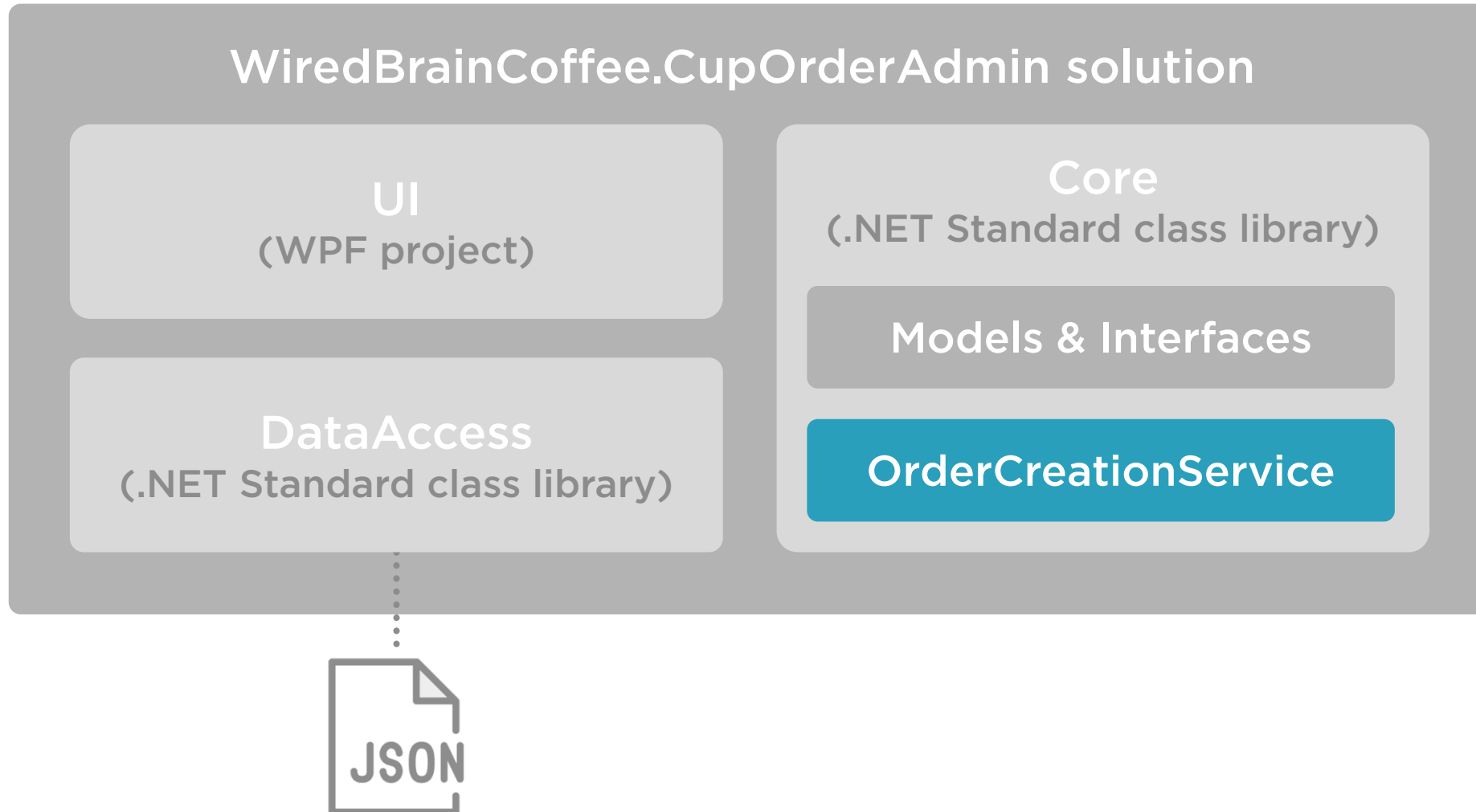
The Coffee Cup Order Admin tool



Look at the Code to Test



Look at the Code to Test



Demo

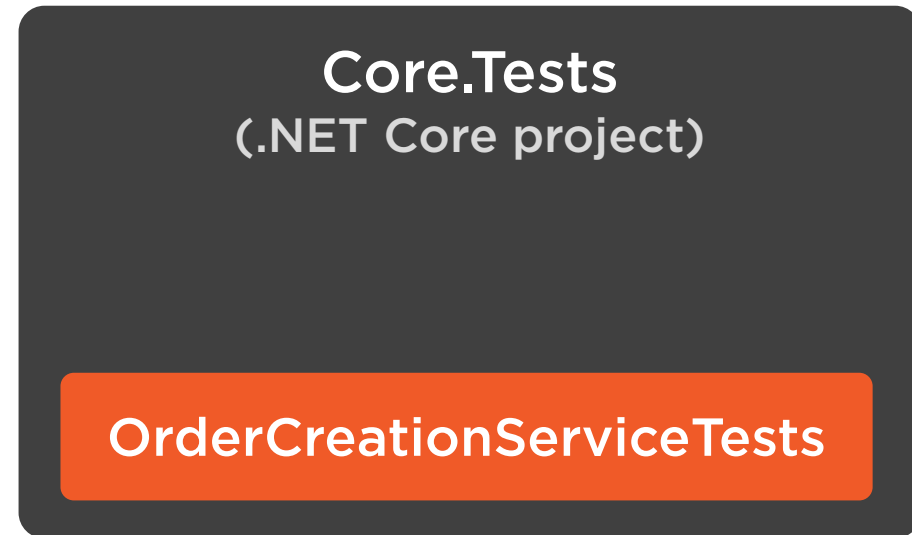
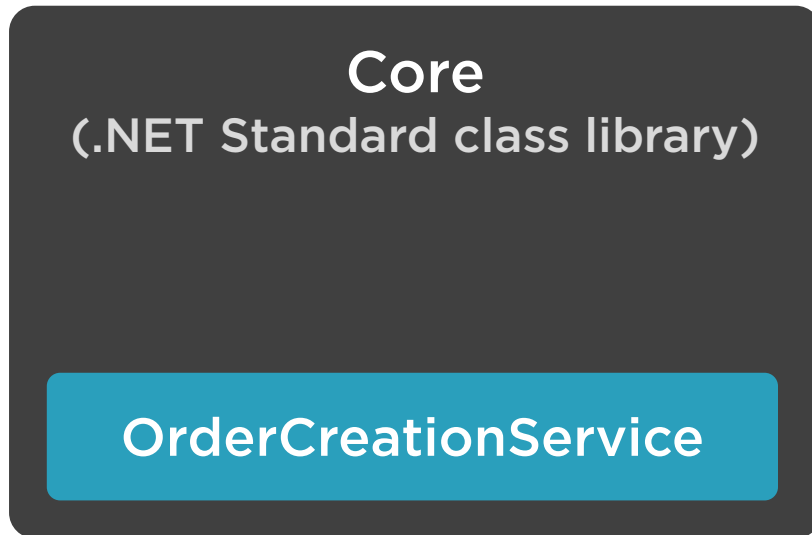


Understand the solution

Look at the code to test



Create a Test Project



Demo

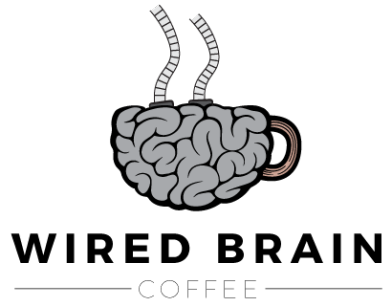


Create a test project

Add the OrderCreationServiceTests class



Course Outline



Creating Your First Test Project

Writing and Running Unit Tests

Implementing Data Driven Tests

Testing with MSTest, NUnit, or xUnit

Analyzing Code Coverage

Using Live Unit Testing

Visual Studio 2019 Enterprise edition

Community
Professional
Enterprise

