# Testing with MSTest, NUnit, or xUnit

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# Module Outline

**Which test framework should you use?**

**Understand how test adapters work**

**Write and run your tests with**

- NUnit
- xUnit

# Which Test Framework Should You Use?

MSTest

NUnit

xUnit

# Which Test Framework Should You Use?

MSTest, NUnit, and xUnit are all great choices

Personal preference

It's good to know all three

# Understand How Test Adapters Work

Visual Studio extension

(VSIX)

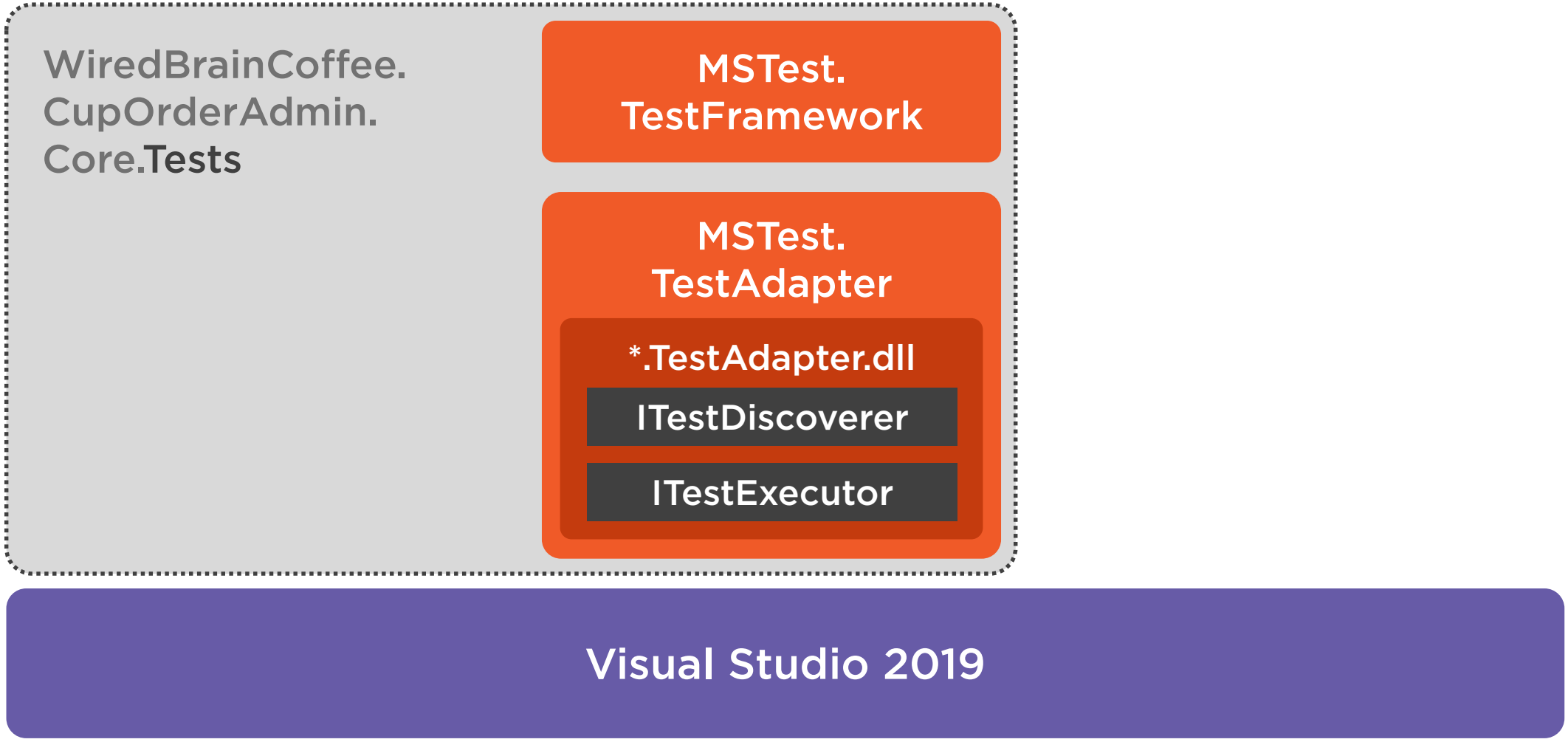
NuGet package

*.TestAdapter.dll

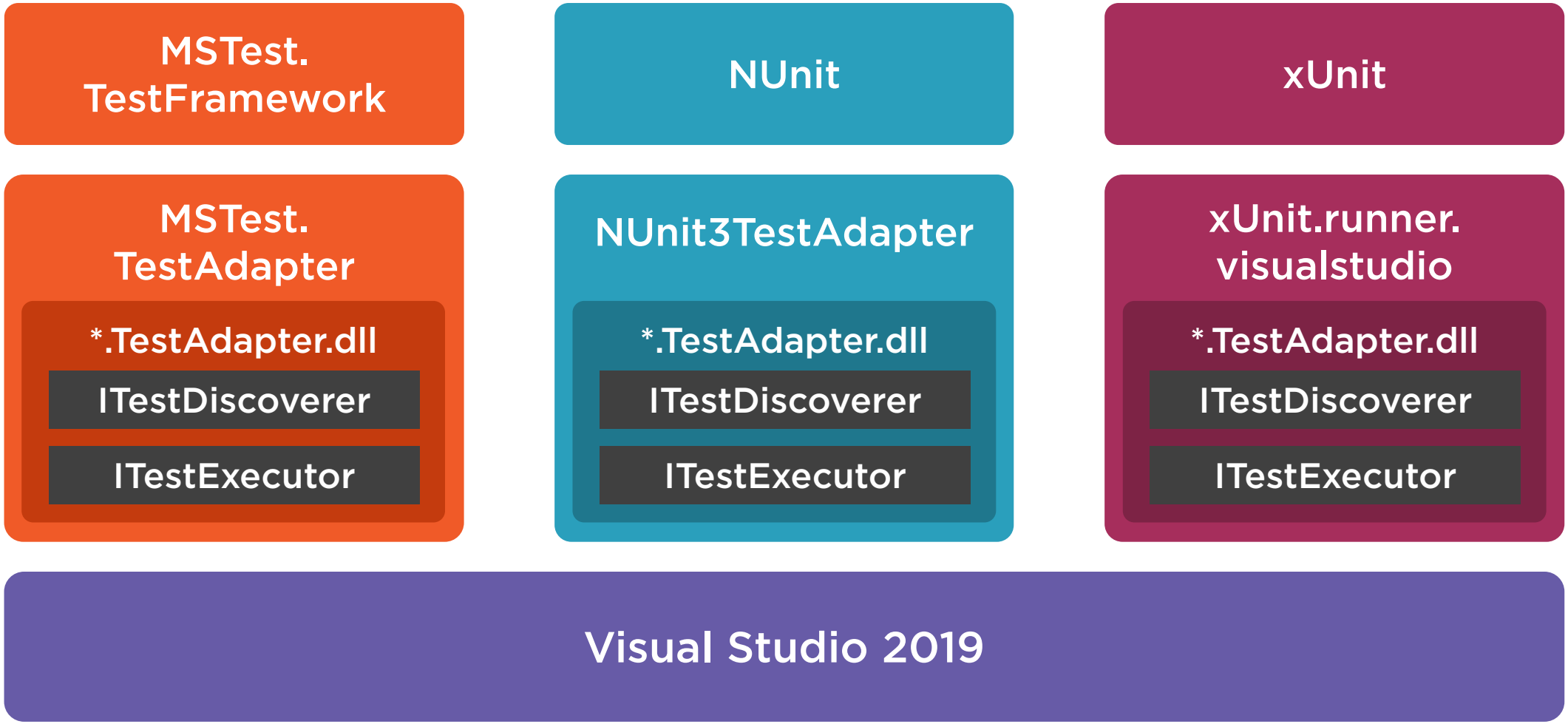
Other ways

(like Visual Studio's Extension folder)

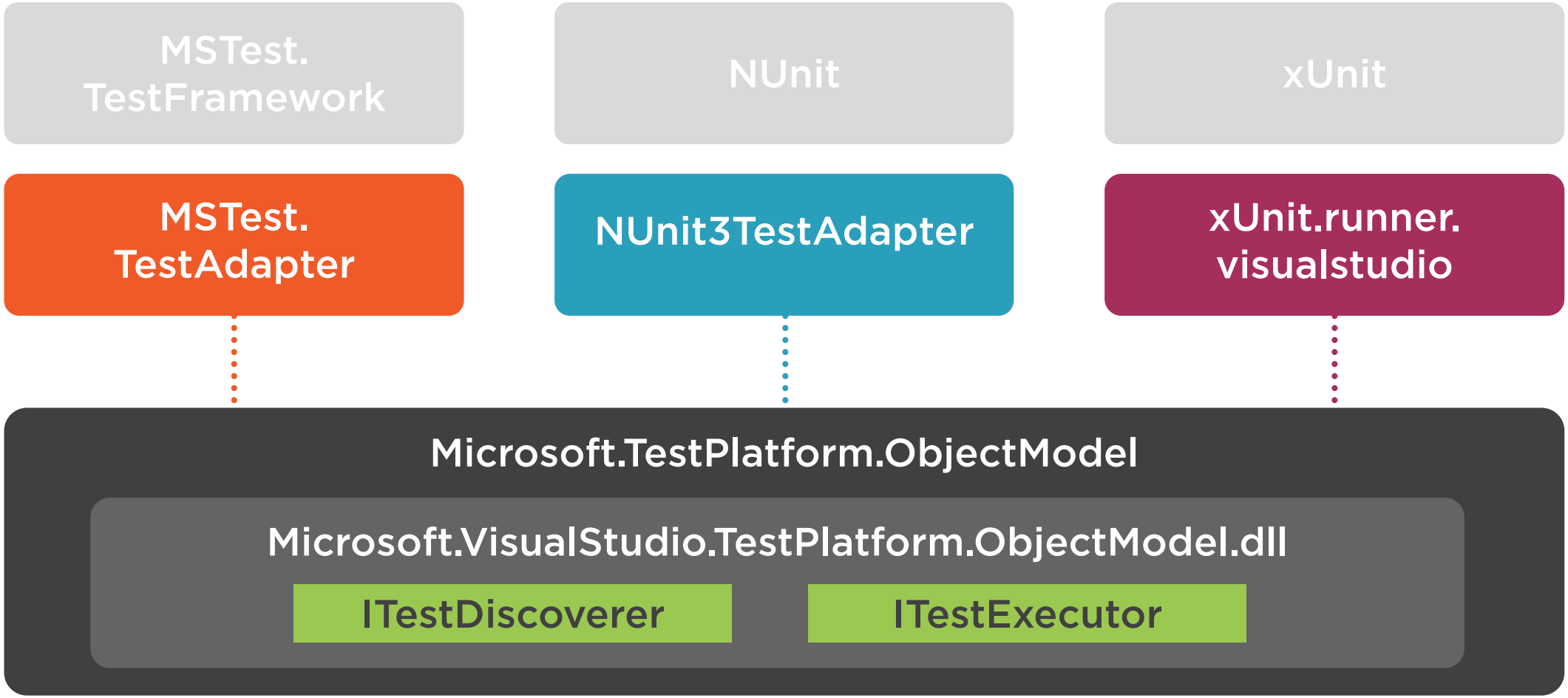
# Understand How Test Adapters Work



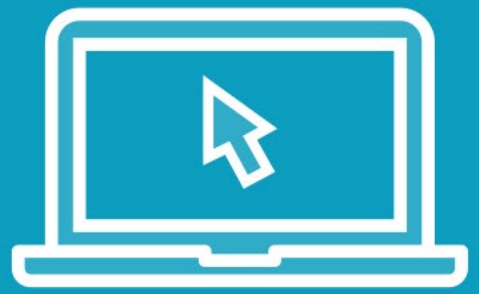
# Understand How Test Adapters Work



# Understand How Test Adapters Work



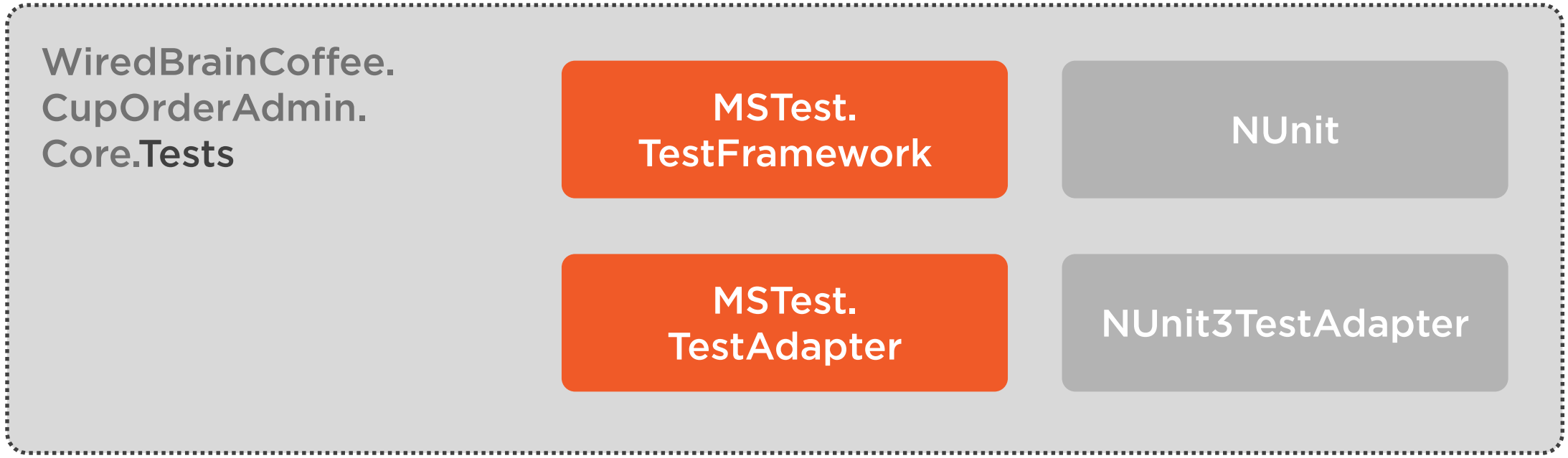
# Demo



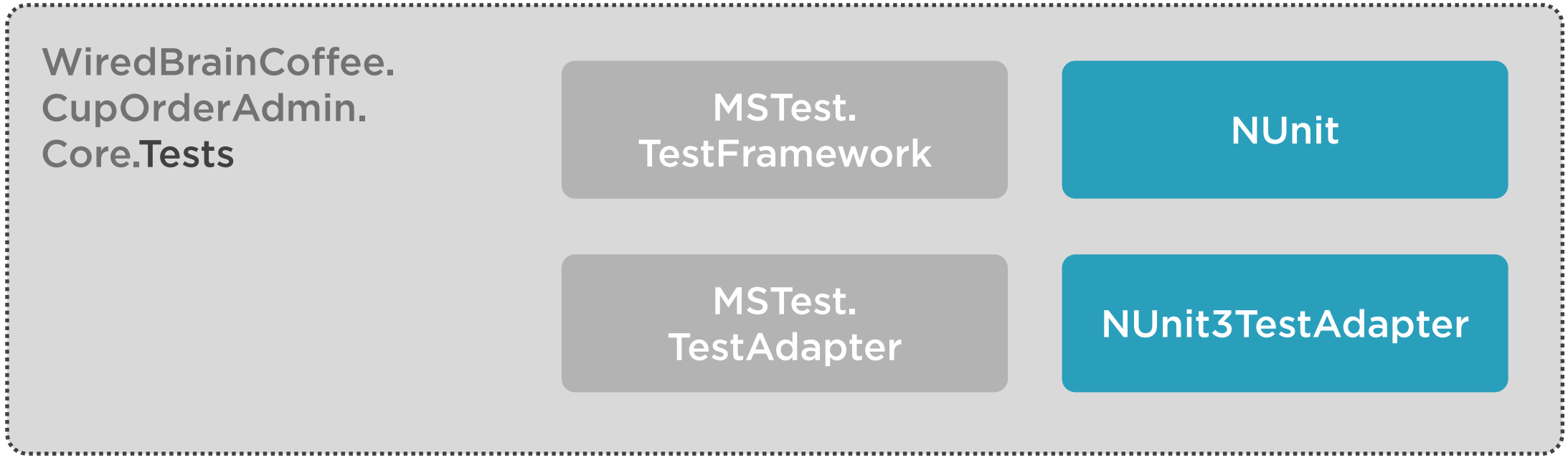
The test adapter of MSTest in action

Real-time test discovery

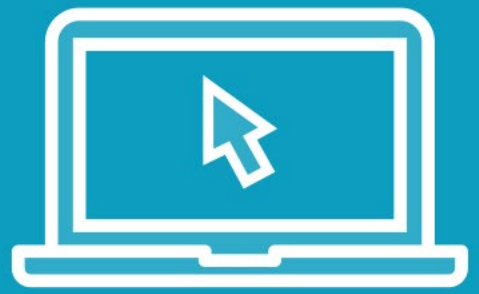
# Write Tests with NUnit



# Write Tests with NUnit



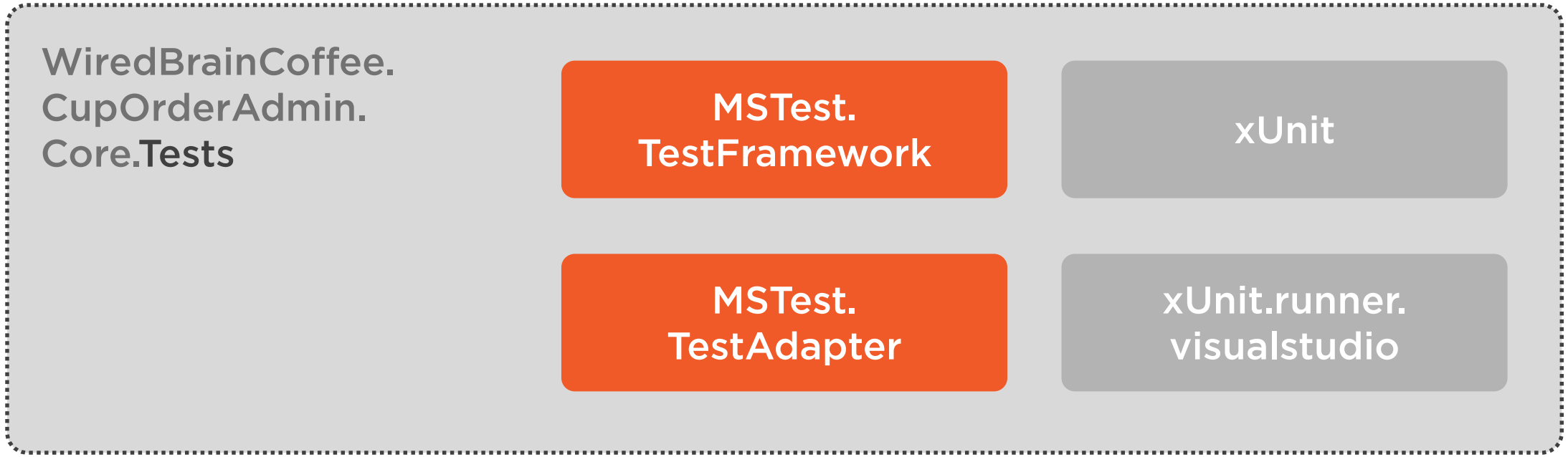
# Demo



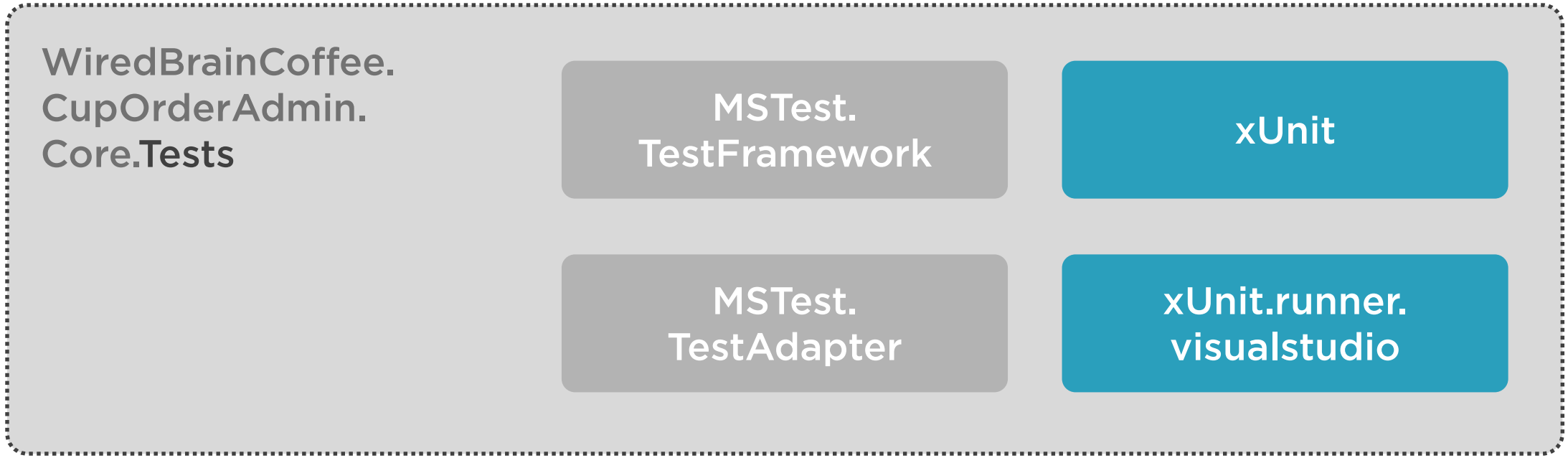
Migrate to NUnit

Write tests with NUnit

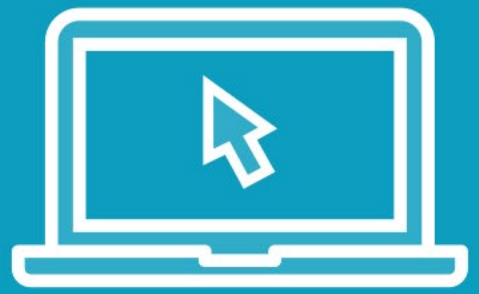
# Write Tests with xUnit



# Write Tests with xUnit



# Demo



Migrate to xUnit

Write tests with xUnit

# Summary

**MSTest , NUnit, and xUnit are all great**

**How test adapters work**

**Write and run your tests with**

- NUnit
- xUnit