

Building Web Applications with ASP.NET Core MVC

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Build A fully working application

Understand the architecture

Learn about the new features

Access data in database

Include ASP.NET Identity

You'll know how to build an application
using ASP.NET Core 3.0 MVC

Overview



What will you learn from this course?

What is ASP.NET Core?

Getting your machine ready

This course will teach you how to build an
ASP.NET Core MVC application using Visual
Studio

What You'll Learn in This Course

ASP.NET CORE

MVC

NEW FEATURES

**Entity Framework
Core**

VALIDATION

SECURITY



No ASP.NET MVC knowledge is required
(although it can definitely help)

Pie Shop

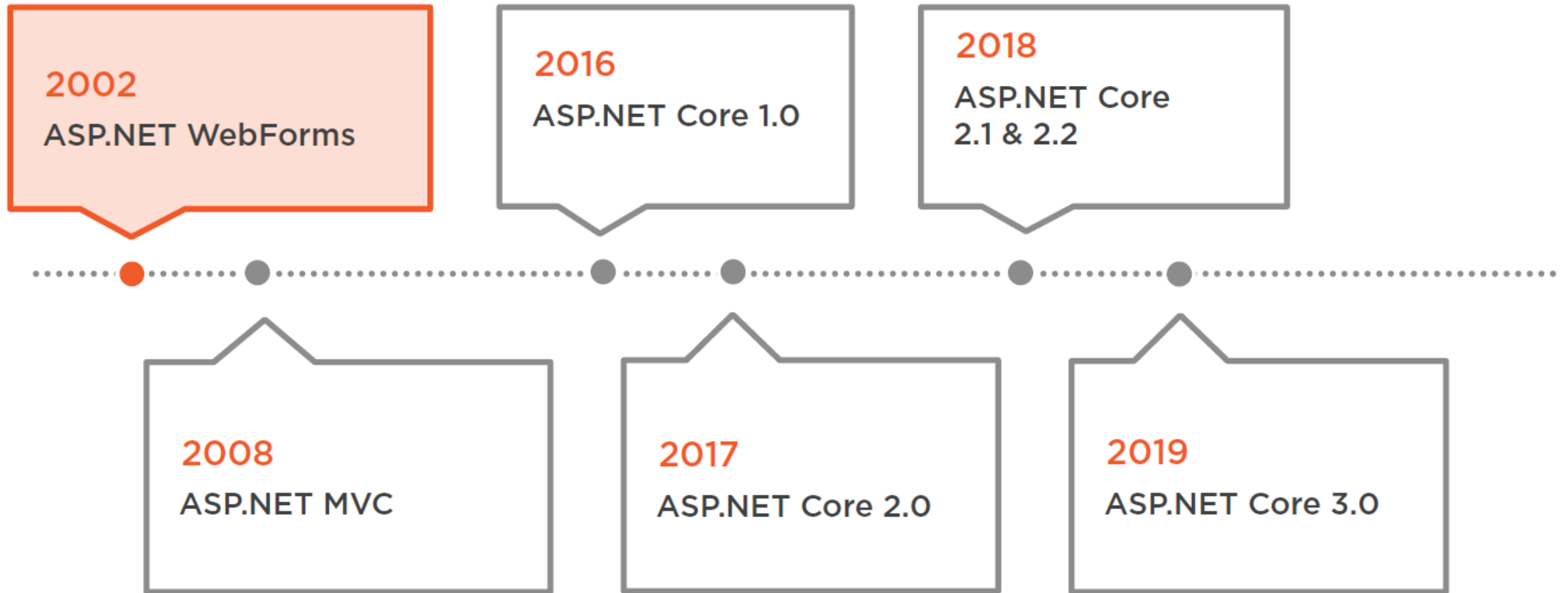


The Scenario: Pie Shop

- Home Page and pie list page
- Shopping cart
- Check out form
- Authentication

What Is ASP.NET Core?

The Road to ASP.NET Core 3.0



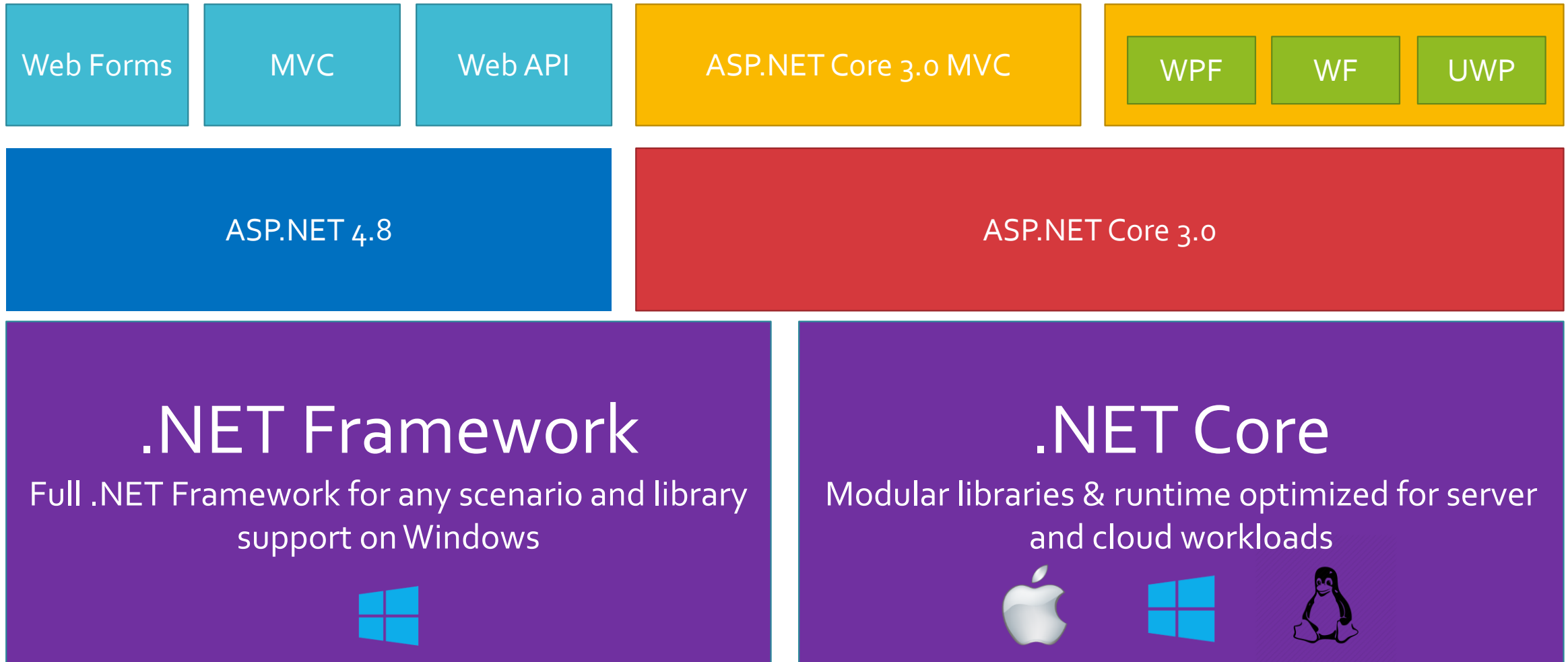
Hello ASP.NET Core

Built on .NET Core

Cross Platform

Not tied to .NET
Framework

ASP.NET Core in a Nutshell



The MVC in ASP.NET Core MVC



Model-View-Controller

- Architectural pattern
- Separation of concerns
- Promotes testability and maintainability

Getting Started on Windows



Visual Studio

- 2019 is required for ASP.NET Core 3

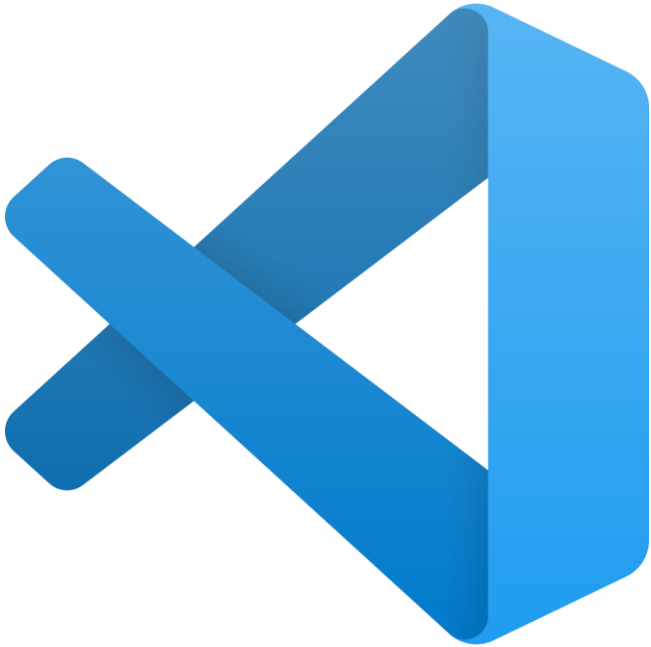
A browser (Chrome, Firefox, IE, etc.)

Will Be Using VS 2019 in this Course

Getting Started on Windows

Alternatives

(Windows, Mac & Linux)



Visual Studio Code with C# plugin

OmniSharp-ready editor

Atom

Sublime

Vim



Demo



Getting up and running for this course