Building Your First ASP.NET Core 2 MVC Application

INTRODUCTION

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Overview

Course overview

What is ASP.NET Core?

Getting your machine ready

Course Overview

This course will teach you how to build your first
ASP.NET Core 2.2 MVC application using Visual Studio 2017

How We Will Approach This Course

File → New Project...

Quite some code...

And then, your first ASP.NET Core 2 MVC site!

What I Assume You Know

Basic HTML & CSS

C#

Affinity with web development

No ASP.NET MVC
knowledge is required

(although it can definitely help)

Existing ASP.NET MVC developers can use this course to learn what's new!

The Scenario: Bethany's Pie Shop

- Home page with delicious pies

- Pie detail page

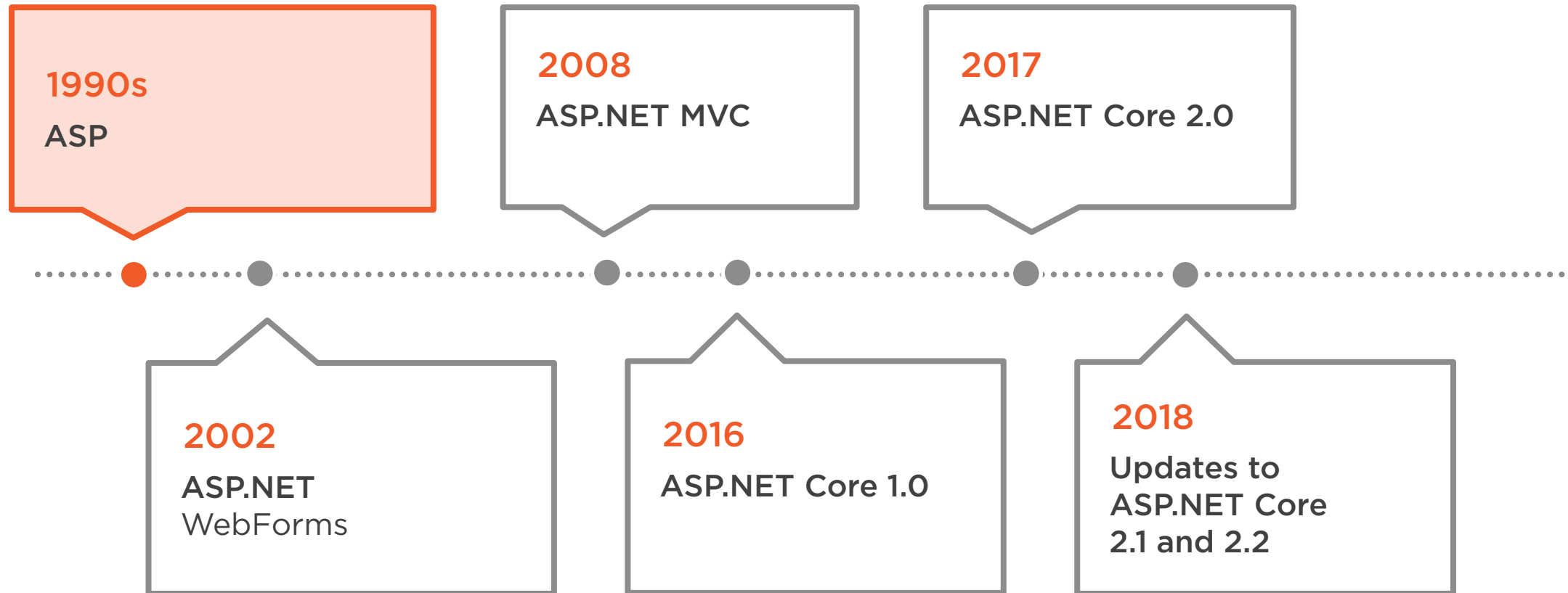- Feedback form

- Authentication possibility

Demo

Taking a look at the final demo

What Is ASP.NET Core?

The Road to ASP.NET Core 2.2

1990s
ASP

2002
ASP.NET
WebForms

2008
ASP.NET MVC

2016
ASP.NET Core 1.0

2017
ASP.NET Core 2.0

2018
Updates to
ASP.NET Core
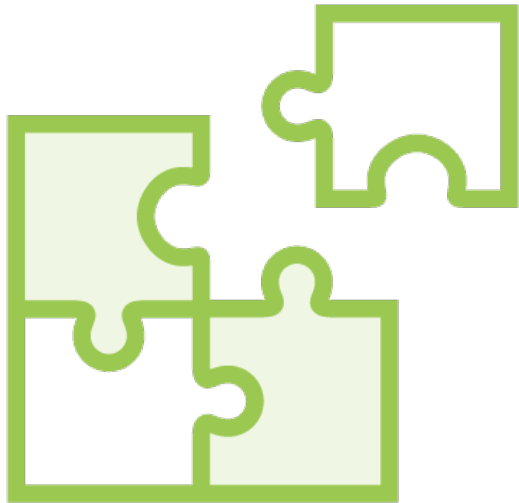2.1 and 2.2

Hello ASP.NET Core 2

Built on .NET Core

Cross-platform

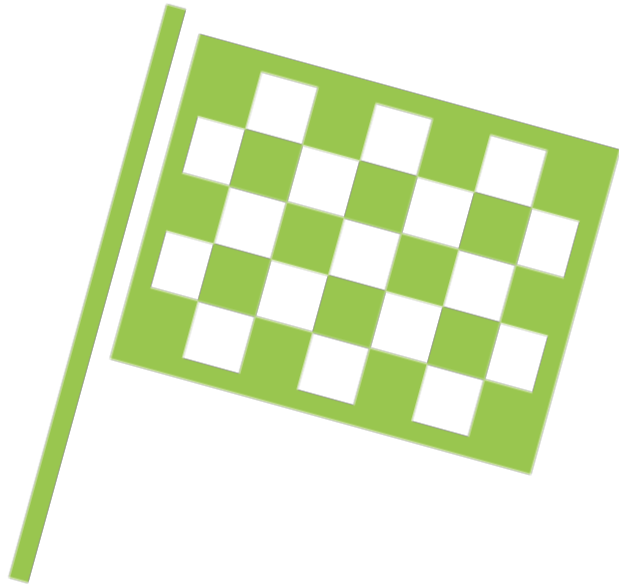**Not tied to .NET framework**

The MVC in ASP.NET Core MVC

Model-View-Controller

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

Getting Your Machine Ready

Getting Started on Windows

Visual Studio 2017

- Update 15.9 required for 2.2

A browser

Alternatives (Windows, Mac, & Linux)

Visual Studio Code with C# plugin

OmniSharp-ready editor

- Atom

- Sublime

- Vim

- ...

Demo

Getting up and running for this course

Summary
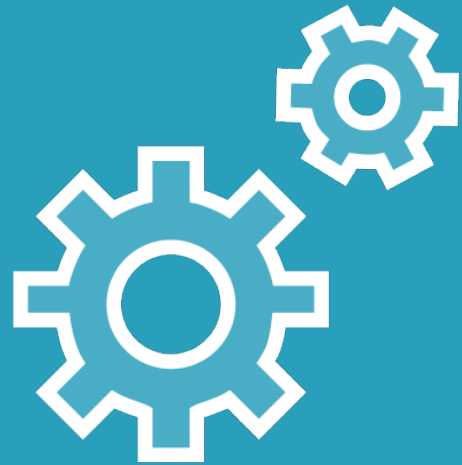
ASP.NET Core 2 MVC is the next step for ASP.NET

Cross-platform web development is a reality

Up next:
Setting up and configuring our site