ASPENWARE

Microsoft® Most Valuable Professional

Ben Hoelting

In truth, he's just a big kid. He loves designing systems that solve real world problems. There is nothing more satisfying than seeing something you helped develop being used by the end users. Ben is also involved in the technology community and runs the South Colorado .NET user group. He also enjoys speaking at tech groups and events around the country.

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25 YEARS OF CODING INNOVATION

Agenda

- What are ASP.NET Razor Pages?
- Why Razor pages?
- Intro to Razor Pages
- Quick review of MVVM vs. MVC
- Deeper Dive into Razor Pages with MVVM

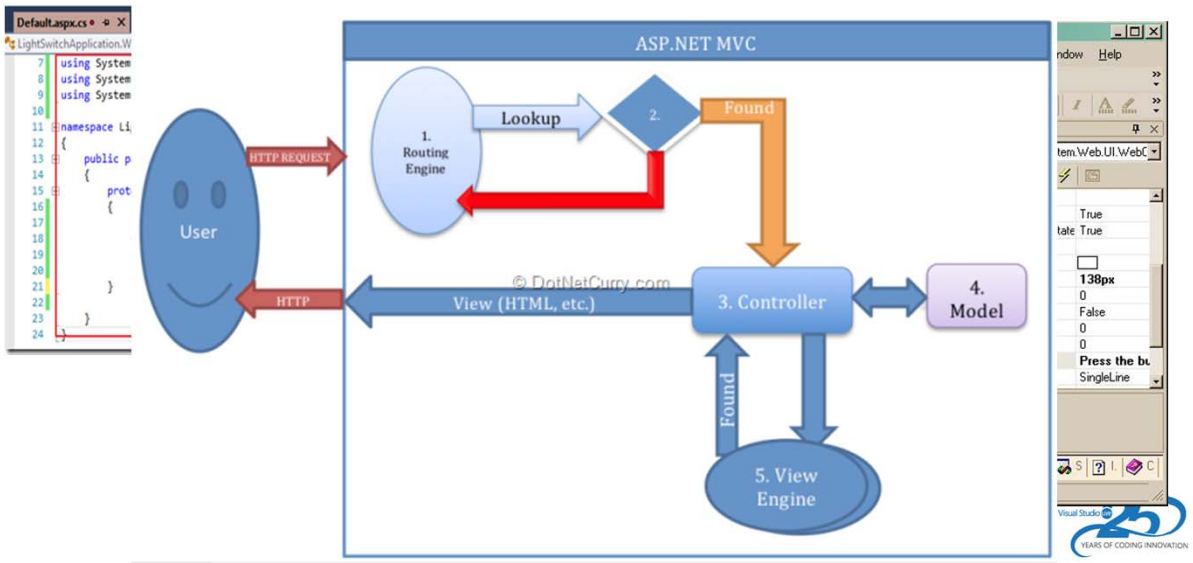
What are ASP.NET Razor Pages?

Razor pages are…

- New to ASP.NET Core
- Built on ASP.NET MVC
- Not a replacement for MVC
- An easy way to create a page based website.
- Create pages without worrying about controllers, views, routing, etc...

Why Razor Pages?

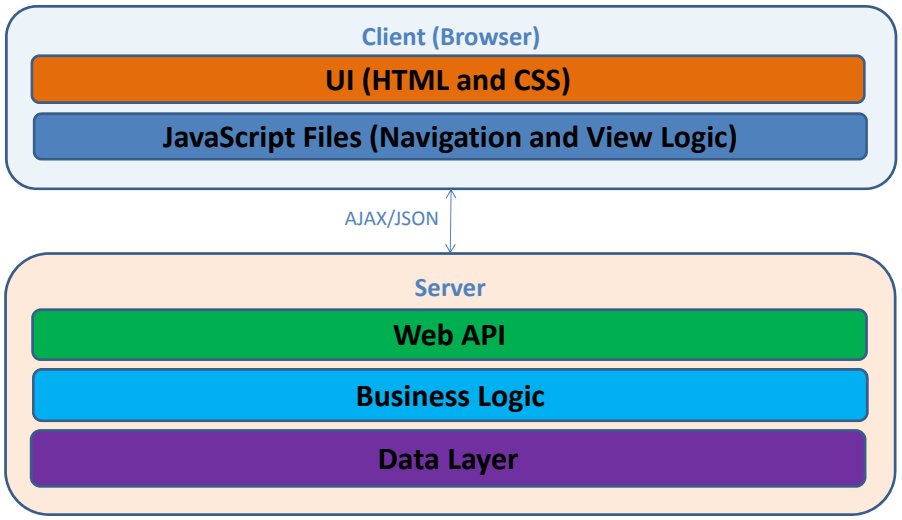
Web Forms are Weird, MVC is Complex



Atwood's Law 2007:

"Any application that *can* be written in JavaScript, *will* eventually be written in JavaScript. "

Single Page Applications (SPA)



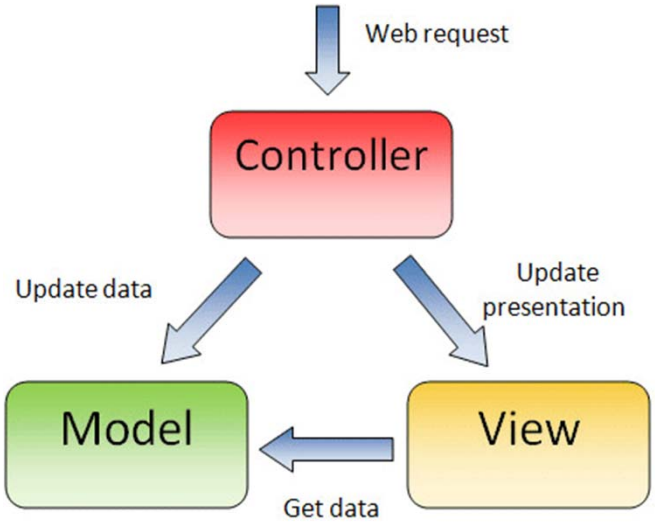
Keep it Simple

- Currently there is no simple way to build a frontend with only HTML, CSS and .NET.
- Most developers turn to JavaScript frameworks like Angular.

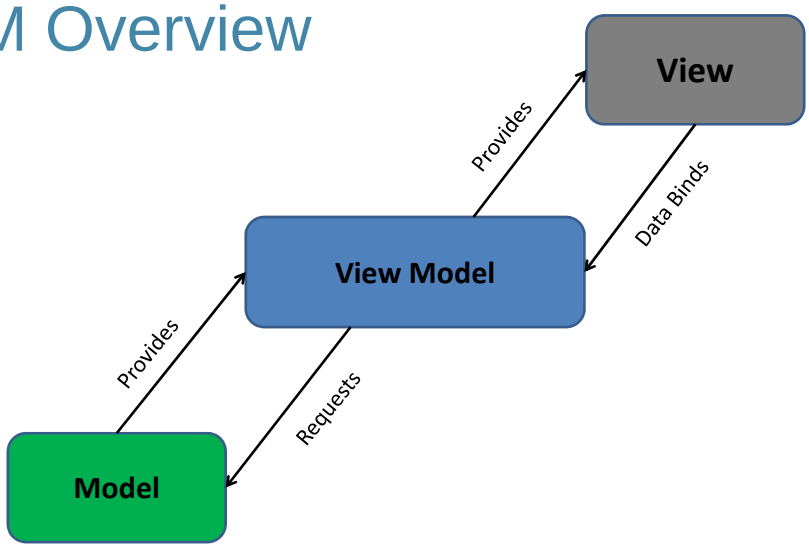
Demo Razor Pages

MV What?

MVC Overview



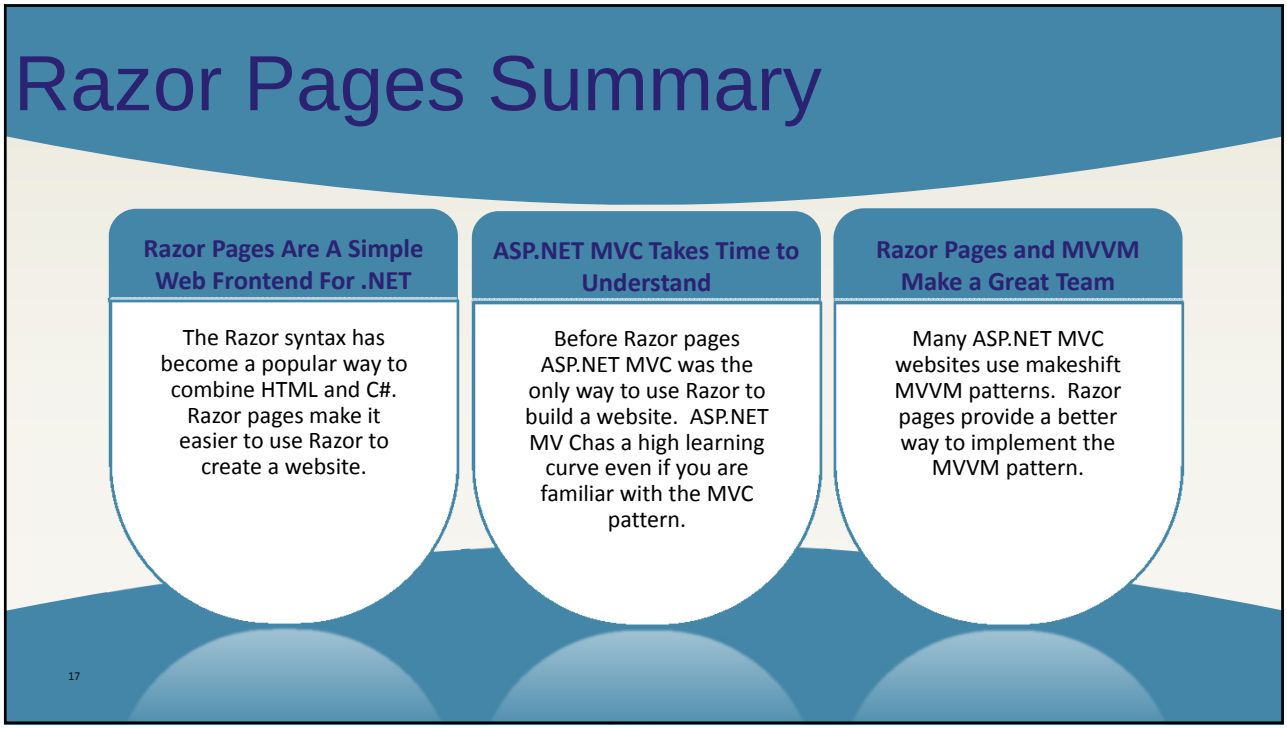
MVVM Overview



MVC vs. MVVM

- MVC is well suited for stateless applications like websites built using server side technologies (ASP.NET MVC)
- MVVM is well suited for stateful applications.
- MVVM uses two way binding to separate the View logic from the code.

Deeper Dive Into Razor Pages and MVVM



Resources:

- http://msdn.microsoft.com/en-us/magazine/mt842512.aspx
- http://stackify.com/asp-net-razor-pages-vs-mvc/
- http://docs.microsoft.com/en-us/aspnet/core/mvc/razor-pages/?tabs=visual-studio
- http://gunnarpeipman.com/2017/05/razor-pages

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Visual Studio 25 YEARS OF CODING INNOVATION