

Building a Basic Multi-tenant App with ASP.NET MVC Razor and Entity Framework



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What
I Expect You
to Know

Visual Studio 2015

C#

ASP.NET 4

MVC 5 with Razor syntax

Web basics (HTTP GET, POST)

ASP.NET MVC5 Fundamentals by Scott
Allen



Time to Code!



ASP.NET MVC 5 Controller Basics with Basic Tenant Data

Create a tenant model

Create a new tenant MVC controller

Create a new MVC view



Building Data Models for Sessions and Speakers

Data structure discussion

**Follow DRY, (D)on't (R)epeat (Y)ourself
Model many to many**

Speaker and Session models

Finally controllers again



Introducing Data Persistence and Entity Framework Code First

Why Persistence?

SQL, no SQL, cache?

SQL with Entity Framework Code First



MVC Controllers with Entity Framework Using Async/Await

Controller pattern

Adding Async/Await



Summary



Asynchronous MVC controllers

Entity Framework Code First

Entity Framework data migrations

Razor views

Basic data initializations (seeding)

