

Building Applications with ASP.NET MVC



Outline:

1-Introduction to ASP.NET MVC

- o Introduction
- o Web Platform Installer
- o The Tools
- o New Project
- o Models, Views, Controllers
- o Making Changes1
- o Unit Testing

2-Controllers in ASP.NET MVC

- o Routes and Controllers
- o Actions and Parameters
- o Action Results
- o Action Selectors
- o Action Filters

3- Razor Views

- o Razor Basics
- o Code Expressions
- o Code Blocks
- o Layout Views

4- Working With Data (Part I)

- o The Entity Framework
- o Building Entities
- o Database Migrations
- o Using LINQ
- o A Search Filter

5- Working With Data (Part II)

- o A Restaurant Controller
- o Listing Reviews
- o Creating a Review
- o Editing a Review
- o Mass Assignment
- o Validation Annotations
- o Custom Validations

6-Security and ASP.NET MVC

- o Authentication
- o Windows Authentication
- o Forms Authentication
- o Taking Control of Membership
- o Forms Authentication In Action
- o Authorize4m
- o Seeding Membership
- o A cross site request forgery

7-ASP.NET MVC 4 Infrastructure

- o Caching
- o Cache Settings
- o Cache Profiles
- o Localization
- o Resources
- o Diagnostics