Writing custom HTML Helpers for ASP.NET MVC

Ed Charbeneau

Table of Contents

Chapter 1: Transitioning from webforms 4

Chapter 2: How to begin 4

Chapter 3: Writing a specification 4

Chapter 4: Unit testing 4

Chapter 5: Basic implementation 4

Chapter 6: Fluent configuration 4

Chapter 7: Strongly typed helpers 4

Chapter 8: Final results 4

Chapter 9: Considerations 4

Chapter 1: Transitioning from webforms

Server controls

HtmlHelper

@Html

Chapter 2: How to begin

Reusable Html elements

Alert

HTML, CSS and Javascript

Chapter 3: Writing a specification

First step

Drafting the syntax

Chapter 4: Unit testing

HtmlHelperFactory

Checking the output

Chapter 5: Basic implementation

HtmlHelper extension method

Alert constructor

Advanced options

Attributes merge

Chapter 6: Fluent Configuration

Appending the spec

Method chaining with interfaces

More testing

Chapter 7: Strongly typed helpers

Appending the spec again

HtmlHelper extension methods again

The Element**For** convention

<TModel>

Expression<Func<T,T>>

Model Metadata

Chapter 8: Final results

Basic

Fluent

Strongly typed

Chapter 9: Considerations

When to create a helper

When to use basic, fluent, strongly typed or all.

What’s next, templates, and complex controls

Resources