Writing custom HTML Helpers for ASP.NET MVC

Subtitle

Ed Charbeneau

First published by Simple Talk Publishing DATE

Copyright AUTHOR 2010

ISBN 978-1-XXXXXX-XX-XX

The right of XXXXXX XXXXXX to be identified as the author of this work has been asserted by him in accordance with the Copyright, Designs and Patents Act 1988

All rights reserved. No part of this publication may be reproduced, stored or introduced into a retrieval system, or transmitted, in any form, or by any means (electronic, mechanical, photocopying, recording or otherwise) without the prior written consent of the publisher. Any person who does any unauthorized act in relation to this publication may be liable to criminal prosecution and civil claims for damages.

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form other than which it is published and without a similar condition including this condition being imposed on the subsequent publisher.

Typeset by XXX XXX.

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