## Pro ASP.NET 2.0 Website Programming

**Damon Armstrong** 

## **Pro ASP.NET 2.0 Website Programming**

## Copyright © 2005 by Damon Armstrong

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage or retrieval system, without the prior written permission of the copyright owner and the publisher.

ISBN (pbk): 1-59059-546-7

Printed and bound in the United States of America 9 8 7 6 5 4 3 2 1

Trademarked names may appear in this book. Rather than use a trademark symbol with every occurrence of a trademarked name, we use the names only in an editorial fashion and to the benefit of the trademark owner, with no intention of infringement of the trademark.

Lead Editor: Tony Davis

Technical Reviewer: Damien Foggon

Editorial Board: Steve Anglin, Dan Appleman, Ewan Buckingham, Gary Cornell, Tony Davis, Jason

Gilmore, Jonathan Hassell, Chris Mills, Dominic Shakeshaft, Jim Sumser

Project Manager: Denise Santoro Lincoln

Copy Edit Manager: Nicole LeClerc Copy Editor: Julie McNamee

Assistant Production Director: Kari Brooks-Copony

Production Editor: Kelly Winquist

Composition, proofreading, and indexing: Argosy Publishing

Artist: Kinetic Publishing Services, LLC

Cover Designer: Kurt Krames

Manufacturing Director: Tom Debolski

Distributed to the book trade worldwide by Springer-Verlag New York, Inc., 233 Spring Street, 6th Floor, New York, NY 10013. Phone 1-800-SPRINGER, fax 201-348-4505, e-mail orders-ny@springer-sbm.com, or visit http://www.springeronline.com.

For information on translations, please contact Apress directly at 2560 Ninth Street, Suite 219, Berkeley, CA 94710. Phone 510-549-5930, fax 510-549-5939, e-mail info@apress.com, or visit http://www.apress.com.

The information in this book is distributed on an "as is" basis, without warranty. Although every precaution has been taken in the preparation of this work, neither the author(s) nor Apress shall have any liability to any person or entity with respect to any loss or damage caused or alleged to be caused directly or indirectly by the information contained in this work.

The source code for this book is available to readers at http://www.apress.com in the Source Code section. You will need to answer questions pertaining to this book to successfully download the code.

## **Contents at a Glance**

Foreword	
About the Author	the Author
About the Technical Reviewerxix	
Acknowledgment	3
Introduction	xxii
CHAPTER 1	Configuration Strategy
CHAPTER 2	Exception Management45
CHAPTER 3	Master Pages, Themes, and Control Skins93
CHAPTER 4	Developing Reusable Components: The Skinned Page-Message Control111
CHAPTER 5	User Management Tools and Login Controls for Forms Authentication
CHAPTER 6	Managing Profiles211
CHAPTER 7	Building Portals Using the Web Parts Framework249
CHAPTER 8	Effective Search Tools and Techniques for Your Business Applications
CHAPTER 9	Building a Reusable Reporting Framework391
CHAPTER 10	Web-Based Wizards: Avoiding Duplicate Data Entry437
CHAPTER 11	Uploading Files473
CHAPTER 12	Security and Encryption
CHAPTER 13	Using HTTP Handlers: Request Processing, Image Generation, and Content Management
INDEX	613