

Contents

Introduction	xxix
Part I: Laying the Groundwork in Dreamweaver	1
Chapter 1: Introducing Dreamweaver CS5	3
The Dynamic World of Dreamweaver	4
Connecting to the world's data	4
True page representation	5
Integrated visual and text editors	6
World-class code editing	7
Web site maintenance tools	9
Team-oriented site building	10
The Dreamweaver Interface	10
Easy text entry	10
Drag-and-drop data fields	11
One-stop object modification	12
Accessing and managing resources	12
Complete custom environment	13
Managing keyboard shortcuts	14
Simple selection process	14
Enhanced layout options	15
Plugin media preview	15
Extended find and replace	15
Up-to-Date Code Standards	16
Cutting-edge CSS support	16
Addressing accessibility	17
Straightforward text and graphics support	17
Enhanced table capabilities	18
Easy form entry	19
Click-and-drag frame setup	19
Multimedia enhancements	20
Next-Generation Features	21
Content management system support	21
Ajax spoken here	21
Dynamic style updates	22
Photoshop, Flash, and Fireworks integration	23

Contents

Server-side behaviors	23
XML and XSLT integration	24
CSS layout control	25
JavaScript behaviors	26
Program Extensibility.....	28
Objects and behaviors	28
Server Behavior Builder	28
Commands and floating panels	29
Adjustable Insert panels	30
Custom tags, translators, and Property inspectors.....	30
Automation Enhancements	30
Rapid application development with Data objects	30
Importing Office documents.....	32
Reference panel.....	32
History panel.....	32
Site Management Tools.....	33
Object libraries	33
Supercharged templates.....	34
Browser targeting.....	35
Converting Web pages.....	36
Verifying links	36
FTP publishing	36
File Check In/Check Out.....	37
Summary.....	38

Chapter 2: Touring Dreamweaver 39

Choosing a Workspace Layout	39
Viewing the Document Window	44
Switching views in the Document window.....	45
Working with the status bar	49
Accessing the Toolbars	55
The Application bar	56
The Related Files bar	57
The Document toolbar.....	57
The Standard toolbar	61
The Style Rendering toolbar.....	62
The Coding toolbar.....	63
The Browser Navigation toolbar.....	66
Selecting from the Insert Panel.....	67
Common objects.....	69
Layout objects.....	70
Forms objects	71
Data objects	72
Spry objects	73
InContext Editing objects.....	76

Text objects.....	77
Favorites	78
ASP objects	79
CFML objects	79
PHP objects.....	80
XSLT objects.....	80
Getting the Most Out of the Property Inspector	80
Manipulating the Property inspector.....	81
Property inspector elements	82
Customizing Your Workspace with Dockable Panels	84
Hiding and showing panels	88
Customizing panel groups.....	89
Accessing the Menus	90
Connecting to Adobe Services.....	92
Getting online with Business Catalyst	92
Fine-tuning with BrowserLab	93
Screen sharing in Dreamweaver	94
Additional Adobe services	96
Summary.....	96
Chapter 3: Setting Your Preferences	99
Customizing Your Environment	99
General preferences	100
Preferences for invisible elements	106
Highlighting preferences.....	108
Status Bar preferences.....	109
File Types/Editors preferences	111
Copy/Paste preferences	114
New Document preferences	116
Adjusting Advanced Features	118
Accessibility preferences.....	118
AP Elements preferences.....	119
CSS Styles preferences	122
Making Online Connections	124
Site preferences.....	124
Preview In Browser preferences	127
Customizing Your Code.....	129
Fonts preferences.....	129
Code Hints preferences.....	131
Code Rewriting preferences.....	132
Code Coloring preferences.....	135
Code Format preferences.....	136
Validator preferences	140
Summary.....	142

Chapter 4: Setting Up Sites and Servers 143

Planning Your Site	144
Deciding what you want to say	144
Targeting your audience.....	145
Determining your resources	145
Mapping Dynamic Pages for Web Applications	146
Defining a Site	146
Working with Site Setup.....	147
Establishing local connections.....	147
Specifying a remote server.....	151
Defining a testing server.....	156
Cloaking Site Folders.....	157
Managing Site Info	159
Creating and Saving New Pages.....	160
Starting Dreamweaver	161
Opening existing files.....	161
Opening a new file.....	162
Saving your file.....	163
Closing the file.....	164
Quitting the program.....	164
Creating New Documents	164
Using the New Document dialog box	165
Creating a new default document	167
Previewing Your Web Pages.....	168
Previewing in your browsers	168
Displaying pages with BrowserLab	170
Putting Your Pages Online.....	173
Transferring with FTP	173
Using the FTP Log panel	175
Summary	176

Part II: Designing and Crafting Basic Pages 179

Chapter 5: Accessing the Code Directly 181

The Structure of a Web Page.....	182
Expanding into XHTML.....	183
doctype and doctype Switching	184
Defining <head> Elements	186
Establishing Page Properties	186
Understanding <meta> and other <head> tags	193
Adding to the <body>.....	200
Logical styles	200
Physical styles.....	201
Working with Code View and the Code Inspector	202
Printing code	205

Integrating Live View, Related Files, and Code Navigator Features	205
Enhanced workflow with Live View	206
Accessing Related Files	211
Navigating with the Code Navigator	212
Using the Coding Toolbar	214
Code collapse	214
Code selection and highlight	217
Commenting code	217
Manipulating CSS	217
Other Coding toolbar functions	219
Enhancing Code Authoring Productivity	219
Code Hints and Tag Completion	220
Modifying blocks of code	222
Inserting code with the Tag Chooser	224
Adding Code Through the Snippets Panel	226
Using the Reference Panel	229
Modifying Code with the Tag Inspector	231
Rapid Tag Modification with the Quick Tag Editor	232
Insert HTML mode	234
Wrap Tag mode	235
Edit Tag mode	237
Adding Java Applets	239
Managing JavaScript and VBScript	241
Inserting JavaScript and VBScript	242
Editing JavaScript and VBScript	243
Extracting JavaScript	245
Validating Your XML Pages	246
Inserting Symbols and Special Characters	248
Named characters	249
Decimal characters and UTF-8 encoding	249
Using the Character objects	250
Summary	252

Chapter 6: Building Style Sheet Web Pages 253

Understanding Cascading Style Sheets	255
Grouping properties	255
Inheritance of properties	256
Cascading characteristics	256
Defining new class and ID selectors for extended design control	257
Specificity	258
How styles are applied	259
Working with the CSS Styles Panel	261
All mode	261
Current mode	263
Creating and Applying Styles	265
Generating new styles	265

Contents

Applying styles through the Property inspector	270
Attaching an external style sheet	271
Applying, changing, and removing a style	273
Editing and managing style sheets	277
Debugging your applied CSS	284
Styles and Their Attributes	287
Type options	288
Background options	289
Block options	291
Box options	293
Border options	294
List options	295
Positioning options	296
Extensions options	297
Design-Time Style Sheets	301
Summary	302

Chapter 7: Working with Text. 303

Starting with Headings	304
Working with Paragraphs	307
Inserting text	308
Cutting, copying, and pasting	308
Using drag-and-drop	309
Inserting text from other text applications	310
Copying and pasting code	311
Undo, redo, and the History panel	311
Checking Your Spelling	313
Using Find and Replace	314
Finding on the visual page	315
Searching the code	319
Concentrating your search with regular expressions	325
Controlling Whitespace	329
Indenting text	329
Working with preformatted text	330
The tag	331
Working with Microsoft Office Documents	333
Copying and pasting Office content	333
Importing Office documents	334
Dragging and dropping Word and Excel files	335
Importing Word HTML	336
Styling Your Text	339
Depicting various styles	339
Using the <address> tag	342
Adding abbreviations and acronyms	342
Modifying Text Format	343
Adjusting font size	343
Adding font color	345

Assigning a specific font	349
Aligning text	352
Indenting entire paragraphs	353
Incorporating Dates	354
Commenting Your Code	356
Summary	358
Chapter 8: Inserting Images	359
Using Images Inline	360
Inserting images	360
Dragging images from the Assets panel	365
Optimizing and altering images	368
Modifying image attributes	376
Working with alignment options	381
Adding Background Images	385
Dividing the Web Page with Horizontal Rules	387
Including Banner Ads	389
Inserting Rollover Images	392
Summary	394
Chapter 9: Establishing Web Links	395
Understanding URLs	395
Surfing the Web with Hypertext	398
Eliminating underlines from links	400
Inserting URLs from the Assets panel	401
Pointing to a file	403
Addressing types	404
Checking links	405
Adding an E-mail Link	407
Navigating with Anchors	408
Moving within the same document	410
Using named anchors in a different page	410
Creating null links	411
Targeting Your Links	413
Summary	414
Part III: Adding Advanced Design Features	415
Chapter 10: Working with Divs and AP Elements	417
Divs and AP Elements 101	419
Placing <div> Tags	421
Defining a CSS rule for a <div> tag	421
Inserting the <div> tag	422
Visualizing <div> tags	425
Creating AP Elements with Dreamweaver	431
Inserting an AP element object	432

Contents

Using the Insert ⇄ Layout Objects ⇄ AP Div option	433
Setting default characteristics of an AP element	433
Choosing relative instead of absolute positioning	435
Modifying an AP Element.....	436
Selecting an AP element.....	436
Resizing an AP element	437
Moving an AP element.....	438
Using the CSS-P Property inspector	438
The AP Elements panel.....	445
Aligning AP elements	447
Adding elements to an AP element	455
Forms and AP elements	455
Creating Your Page Design with AP Elements	456
Using the Tracing Image	456
Preventing overlaps.....	458
Activating AP Elements with Behaviors.....	458
Drag AP Element	458
Set Text of Container	461
Show-Hide Elements.....	462
Summary.....	463
Chapter 11: Using Behaviors	465
Understanding Behaviors, Events, and Actions	465
Attaching a Behavior	466
Using the Behaviors panel	467
Adding a behavior	468
Managing events.....	470
Standard actions.....	472
Spry effects in Dreamweaver.....	494
Installing, Managing, and Modifying Behaviors.....	501
Altering the parameters of a behavior.....	502
Sequencing behaviors.....	503
Deleting behaviors.....	503
Summary.....	505
Chapter 12: Setting Up Tables	507
HTML Table Fundamentals.....	508
Rows.....	509
Cells.....	510
Column and row headings.....	511
Inserting Tables in Dreamweaver	511
Modifying Tables.....	516
Selecting table elements.....	516
Editing a table's contents	520
Working with table properties.....	524
Setting cell, column, and row properties	536

Sorting Tables.....	538
Importing Tabular Data.....	540
Summary.....	542

Chapter 13: Interactive Forms543

How HTML Forms Work.....	544
Inserting a Form in Dreamweaver.....	546
Using Text Fields.....	548
Inserting text fields.....	548
Creating password fields.....	550
Inserting multiline text areas.....	550
Providing Checkboxes and Radio Buttons.....	554
Checkboxes.....	554
Radio buttons.....	554
Creating Form Lists and Menus.....	559
Drop-down menus.....	559
Menu values.....	560
Scrolling lists.....	561
Navigating with a Jump Menu.....	565
Modifying a jump menu.....	567
Activating Go buttons.....	568
Activating Your Form with Buttons.....	569
Submit, Reset, and Command buttons.....	569
Graphical buttons.....	570
Using Hidden and File Fields.....	572
The hidden input type.....	572
The file input type.....	573
Improving Accessibility.....	573
Styling Forms with CSS.....	575
Highlighting the form.....	575
Altering input fields.....	576
Distinguishing lists and menus.....	577
Changing labels and legends.....	578
Highlighting focus.....	579
Summary.....	580

Chapter 14: Creating Lists583

Creating Unordered (Bulleted) Lists.....	584
Editing unordered lists.....	586
List tags.....	586
Using other bullet symbols.....	588
Styling lists with CSS.....	590
Mastering Ordered (Numbered) Lists.....	591
Editing ordered lists.....	592
Using other numbering styles.....	594

Contents

Creating Navigation Buttons from Lists.....	595
Step 1: Preparing background graphics.....	596
Step 2: Creating the list and containing <div>.....	597
Step 3: Building the CSS styles.....	600
Step 4: Applying the CSS.....	605
Making Definition Lists.....	606
Using Nested Lists.....	608
Accessing Special List Types.....	610
Menu lists.....	611
Directory lists.....	611
Summary.....	612
Chapter 15: Using Frames and Framesets.	613
Frames and Framesets: The Basics.....	614
Columns and rows.....	615
Sizing frames.....	615
Creating a Frameset and Frames.....	616
Creating a new frameset file.....	616
Hand-coding framesets.....	618
Creating a frameset visually.....	619
Creating framesets quickly with frame objects.....	620
Adding More Frames.....	623
Using the menus.....	623
Using the mouse.....	624
Selecting, Saving, and Closing Framesets.....	625
Selecting framesets and frames.....	625
Saving framesets and frames.....	626
Closing framesets.....	626
Working with the Frameset Property Inspector.....	628
Resizing frames in a frameset.....	628
Manipulating frameset borders.....	630
Modifying a Frame.....	631
Page properties.....	631
Working with the Frame Property inspector.....	632
Modifying content.....	636
Deleting frames.....	636
Targeting Frame Content.....	637
Targeting sections of your frameset.....	637
Targeting specific frames in your frameset.....	638
Updating two or more frames at once.....	638
Handling Frameless Browsers.....	641
Investigating Iframes.....	642
Summary.....	646

Chapter 16: Powering Ajax Pages with Spry	647
Understanding Ajax and Spry.....	648
What is Ajax?.....	648
What is Spry?.....	649
Integrating XML or HTML Data with Spry.....	651
Merging HTML data into Web pages.....	652
Connecting to XML data.....	657
Defining Spry regions.....	662
Binding data to the page.....	664
Repeating Spry regions.....	666
Enhancing Your Site with Spry Widgets.....	672
Validating form fields.....	673
Extending layout options.....	689
Spry Effects.....	700
Summary.....	701
Chapter 17: Working with JavaScript Frameworks	703
Using JavaScript Frameworks.....	704
Integrating Framework Functions.....	706
Implementing a Web Widget.....	710
Installing and using legacy Web widgets.....	711
Working with the Widget Browser.....	714
Summary.....	718
Part IV: Incorporating Dynamic Data	719
Chapter 18: Establishing Connections and Recordsets	721
Data Source Basics.....	722
Understanding How Active Content Pages Work.....	725
Opening a Connection to a Data Source.....	727
Using Data Source Names.....	728
Specifying connection strings.....	736
PHP.....	740
Managing Connections.....	741
Extracting Recordsets.....	743
Building simple recordsets.....	743
Writing advanced SQL statements.....	746
Working with recordsets.....	750
Summary.....	753
Chapter 19: Making Data Dynamic.	755
Working with Dynamic Text.....	755
Inserting dynamic text.....	756
Viewing dynamic data.....	758

Contents

Formatting Dynamic Data	760
Data formatting	760
Editing and creating new data formats	766
Making Images Dynamic	768
Integrating Flash and Other Dynamic Media	773
Summary	775
Chapter 20: Managing Data	777
Displaying Data Conditionally	777
Repeating data	778
Showing and hiding page elements	783
Handling Record Navigation	785
Building record navigation links	785
Using Data objects for record navigation	787
Tracking record status	788
Summary	791
Chapter 21: Working with Dynamic Live View	793
Engaging Live View	794
How Live View works	794
Setting up for Live View	796
Entering and exiting Live View	798
Making changes in Live View	799
HTTP Request Settings	800
Getting the query string	800
Posting responses with HTTP Request Settings	802
Previewing an Application in the Browser	805
Using the Server Debug Panel with ColdFusion	807
Summary	809
Chapter 22: Crafting Multi-Page Applications	811
Using the URL to Pass Parameters	812
Sending parameters	812
Receiving parameters	814
Automating Master-Detail Page production	818
Getting Values from a Form	822
Passing single values from a form	823
Passing multiple values from a form	824
Passing form and URL values to a related page	825
Establishing Dynamic Form Elements	828
Text fields	828
Checkboxes	829
Radio buttons	830
List/menus	831
Managing Data Sources Online	832
Inserting data	833
Updating data	836
Deleting data	839

Inserting Variables.....	840
Application and session variables	840
Request and other variables.....	840
Connecting to the Customer.....	843
Logging in existing customers.....	843
Restricting access.....	845
Helping users log out.....	847
Adding new customers	848
Summary.....	849

Chapter 23: Using Web Content Management Systems 851

Understanding Web Content Management Systems	852
Working with WordPress.....	853
Installing WordPress	855
Discovering dynamically related files	861
Customizing your WordPress site.....	863
Adjusting graphics in a WordPress site.....	866
Summary.....	870

Part V: Including Multimedia Elements 871

Chapter 24: Adobe Photoshop, Fireworks, and Bridge Integration 873

Bringing in Photoshop Images.....	875
Inserting Photoshop files	875
Copying and pasting from Photoshop.....	877
Updating a Photoshop Smart Object.....	878
Integrating Fireworks	882
Optimizing an image in Fireworks	883
Editing an image in Fireworks.....	888
Replacing an image placeholder using Fireworks	890
Inserting Rollovers	893
Using Dreamweaver's behaviors	894
Using Fireworks' code.....	896
Modifying sliced images	899
Building Dreamweaver/Fireworks Extensions.....	901
Working with Bridge	903
Summary.....	904

Chapter 25: Inserting Flash Elements 907

Including SWF Files in Dreamweaver Projects.....	908
Designating SWF Attributes.....	910
Setting Scale in Flash movies.....	912
Additional parameters for Flash.....	913
Configuring MIME Types.....	913
Editing SWF Files from Within Dreamweaver	913
Adding Shockwave Files.....	915
Summary.....	916

Chapter 26: Adding Video to Your Web Page 917

The Flash Video Revolution.....	918
Encoding video.....	919
Progressive download versus streaming	920
Inserting Flash video	921
Publishing Flash video files	924
Modifying Flash video parameters.....	925
Mainstream Streaming Media.....	927
RealMedia.....	927
QuickTime.....	928
Windows Media.....	929
Working with Video Clips.....	931
Linking to video	932
Embedding video.....	933
Playing Videos in Dreamweaver	934
Inserting QuickTime Movies.....	934
QuickTime versions.....	939
Streaming with RealMedia	942
Creating RealMedia metafiles	942
Inserting RealMedia in your Web page	943
Summary.....	945

Chapter 27: Using Audio on Your Web Page 947

Linking to Audio Files.....	948
Embedding Sounds and Music	950
Playing Background Music	951
Targeting Specific Plugins.....	953
Windows Media Player audio	953
Using embed with ActiveX	956
Integrating Podcasts	956
Podcast XML feeds.....	957
Linking to podcasts and feeds	958
Summary.....	959

Part VI: Enhancing Productivity and Web Site Management 961

Chapter 28: Using Dreamweaver Templates. 963

Understanding Templates.....	964
Creating Your Own Templates.....	966
Using Editable Regions.....	967
Marking existing content as editable	967
Inserting a new editable region.....	968
Creating links in templates.....	969
Locking an editable region.....	971

Adding Content to Template Documents.....	971
Making Attributes Editable.....	975
Setting Editable Attributes.....	978
Enabling Repeating Regions	979
Modifying a repeating region.....	981
Constructing a repeating table.....	982
Establishing Optional Regions	985
Combining editable and optional regions.....	988
Setting optional region properties.....	989
Evaluating template expressions.....	989
Template expression examples.....	994
Nesting Templates	1001
Working with Templates in the Assets Panel.....	1003
Creating a blank template.....	1005
Opening and deleting templates.....	1005
Applying templates.....	1006
Mapping inconsistent template regions.....	1006
Updating Templates.....	1008
Removing Template Markup	1009
Deleting template markup individually	1009
Removing template markup from an entire page.....	1009
Exporting a site without template markup	1010
Changing the Default Document.....	1011
Editing Content in the Browser	1012
Setting up InContext Editing templates.....	1013
Registering an InContext Editing site	1018
Making edits online.....	1020
Summary.....	1022

Chapter 29: Using Library Items and Server-side Includes. 1023

Dreamweaver Library Items	1024
Using the Library Assets Panel	1025
Adding a Library item.....	1026
Moving Library items to a new site.....	1027
Inserting a Library item in your Web page	1028
Deleting an item from the Library	1030
Renaming a Library item	1031
Editing a Library Item	1032
Updating Your Web Sites with Libraries.....	1034
Applying Server-side Includes	1037
Adding server-side includes.....	1039
Editing server-side includes.....	1040
Summary.....	1041

Chapter 30: Maximizing Cross-Browser Compatibility	1043
Converting Pages in Dreamweaver	1044
Validating Your Code.....	1045
Setting Validator preferences	1047
Checking Your Page for Compatibility.....	1048
Checking your pages	1052
Using the results of the Browser Compatibility Check.....	1056
Summary.....	1058
Chapter 31: Building Web Sites with a Team	1061
Following Check In/Check Out Procedures	1062
Check In/Check Out overview	1063
Enabling Check In/Check Out.....	1064
Checking files in and out.....	1066
Keeping Track with Design Notes	1068
Setting up for Design Notes	1069
Setting the status with Design Notes	1070
Creating custom Design Notes	1071
Viewing Design Notes.....	1072
Browsing File View Columns.....	1072
Generating Reports.....	1075
Outputting HTML reports	1078
Using Workflow reports.....	1078
Administering Adobe Contribute Sites.....	1080
Setting up Contribute compatibility	1082
Entering sitewide administrator settings	1083
Establishing Contribute roles.....	1085
Connecting users.....	1097
Rolling back a Contribute page in Dreamweaver	1100
Communicating with WebDAV	1102
Version Control with Subversion.....	1103
Connecting to a Subversion server.....	1104
Managing files in the repository	1106
Summary.....	1114
Chapter 32: Integrating with XML and XSLT	1115
Understanding XML.....	1116
Exporting XML.....	1118
Importing XML	1121
Building Your Own XML Files.....	1122
Styling with XSL.....	1123
Including XSLT fragments	1123
Building full XSLT pages	1133
Summary.....	1140

Part VII: Extending Dreamweaver **1141**

Chapter 33: Customizing Dreamweaver **1143**

- Adding New Commands 1144
 - Understanding Dreamweaver commands 1145
 - Recording and replaying commands 1148
 - Scripting commands 1151
 - Useful command routines 1153
- Managing Menus and Keyboard Shortcuts 1158
 - Handling History panel commands 1159
 - Using the Keyboard Shortcut editor 1160
 - Adjusting the menus.xml file 1162
 - Building menu commands 1167
- Working with Custom Tags 1168
- Customizing Property Inspectors 1171
 - Coding a Property inspector 1171
 - Designing a Property inspector 1175
- Making Custom Floating Panels 1176
- Developing Translators 1179
 - Translator functions 1180
 - Locking code 1182
- Extending C-Level Libraries 1183
 - Calling C-level extensions 1184
 - Building C-level extensions 1185
- Customizing Your Tag Libraries 1186
 - Editing tag libraries, tags, and attributes 1186
 - Creating and deleting tag libraries, tags, and attributes 1188
 - Importing a DTD or schema to create a new tag library 1190
- Summary 1190

Chapter 34: Handling Server Behaviors **1193**

- Understanding Server Behaviors 1194
- Applying and Managing Server Behaviors 1195
 - Inserting and removing server behaviors 1195
 - Editing the parameters 1196
- Standard Server Behaviors 1197
 - Recordset (Query) 1197
 - Repeat Region 1198
 - Recordset Paging 1199
 - Move To Specific Record 1200
 - Show Region 1201
 - Go To Detail Page 1202
 - Go To Related Page 1204
 - Insert Record 1205

Contents

Update Record	1206
Delete Record.....	1207
User authentication.....	1208
Dynamic elements	1213
Stored procedure/command/callable	1218
Installing Additional Server Behaviors	1220
Creating Custom Server Behaviors	1221
Summary	1225
Chapter 35: Creating Adobe AIR Applications	1227
About Adobe AIR.....	1228
Installing AIR into Dreamweaver	1230
Designing for AIR.....	1231
Packaging Your AIR Application.....	1235
Summary.....	1241
Appendix A: What's New in Dreamweaver CS5	1243
Dynamic Scope Expanded.....	1243
Totally Revamped Site Setup	1245
CSS Integration Enhanced.....	1247
Online Services Take Off.....	1248
Older Features Removed	1250
Appendix B: What's on the Web Site?	1251
Visiting the Book's Web Site.....	1251
Files and Programs on the Web Site	1252
Dreamweaver extensions	1252
Dreamweaver Techniques simulations and files.....	1252
<i>Adobe Dreamweaver CS5 Bible</i> code examples.....	1253
Web resource directory.....	1253
Troubleshooting	1253
Index	1255