

CONTENTS

Part I ***Dreamweaver Basics***

CHAPTER 1

Welcome to Dreamweaver	17
Learning Dreamweaver	18
Website creation workflow	19
Where to start	23
Typographical conventions	26
What's new in Dreamweaver MX	26
HTML and web technologies resources	29

CHAPTER 2

Exploring the Workspace	31
Using the Dreamweaver workspace	31
Using windows and panels in Dreamweaver	37
Using Dreamweaver with other applications	49
Customizing Dreamweaver: Basics	50

CHAPTER 3

Planning and Setting Up Your Site	55
About site planning and design	55
Setting up a Dreamweaver site	59
Using the Site Definition Wizard	60
Setting up a local folder	61
Setting up a remote folder	63
Editing a Dreamweaver site	65
Editing existing websites in Dreamweaver	66

CHAPTER 4

Managing Your Site	69
About the Site panel	70
About the site map	80
Importing and exporting sites	86
Removing a site from your list of sites	87
Using Check In/Check Out	87

Getting and putting files	90
Synchronizing the files on your local and remote sites	93
Cloaking folders and files in your site	94
Using Design Notes.	97
Using reports to improve workflow	101
About the Sitespring panel in Dreamweaver	103
Using the Sitespring panel.	104

CHAPTER 5

Setting Up a Document.	107
Creating Dreamweaver documents	108
Working with the New Document dialog box	108
Opening existing documents	111
Setting document properties	112
Working with colors	114
Selecting elements in the Document window	116
Using visual guides in the design process	117
Viewing and editing head content	119
About automating tasks.	120

Part II

Preparing to Build Dynamic Sites

CHAPTER 6

Setting Up a Web Application.	127
A note for Dreamweaver UltraDev 4 users.	127
What you need to build web applications	128
Setting up a web server	129
Setting up an application server	129
Creating a root folder for the application.	132
Defining a Dreamweaver site.	132
Connecting to a database.	135
Troubleshooting application server errors	136

CHAPTER 7

Database Connections for ColdFusion Developers	139
Connecting to a database.	139
Editing or deleting a database connection	140
Connecting using UltraDev 4 connectivity	141

CHAPTER 8

Database Connections for ASP.NET Developers	145
Connecting to a database.	145
Editing or deleting a database connection	148

CHAPTER 9	
Database Connections for ASP Developers	151
Understanding ASP database connections	151
Creating a DSN connection	152
Creating a DSN-less connection	155
Connecting to a database on an ISP	158
Editing or deleting a database connection	160
Reference.	162

CHAPTER 10	
Database Connections for JSP Developers	165
Understanding JSP connections	165
Connecting to a database.	165
Connecting through an ODBC driver.	168
Editing or deleting a database connection	170

CHAPTER 11	
Database Connections for PHP Developers.	171
Connecting to a database.	171
Editing or deleting a database connection	172

Part III

Working with Page Code

CHAPTER 12	
Setting Up Your Coding Environment.	175
Viewing your code.	175
Setting viewing preferences	176
Setting coding preferences	177
Customizing keyboard shortcuts	180
Opening files in Code view by default	180
Setting Validator preferences	181
Managing tag libraries	181
Importing custom tags into Dreamweaver.	184
Using an external HTML editor with Dreamweaver	187

CHAPTER 13	
Coding in Dreamweaver	189
About the Dreamweaver coding environment	189
Writing and editing code.	191
Searching and replacing tags and attributes	196
Accessing language references	200

CHAPTER 14	
Optimizing and Debugging Your Code.	203
Cleaning up your code	203
Verifying that tags and braces are balanced	204
Validating your tags.	205

Making pages XHTML compliant	205
Using the JavaScript debugger	209
Using the ColdFusion debugger	215

CHAPTER 15

Editing Code in Design View	217
Editing code with the Property inspector	217
Editing code with a tag editor	218
Editing code with the Quick Tag Editor	218
Editing code with the tag selector	221
Editing scripts	221
Working with server-side includes	223

Part IV
Designing the Page Layout

CHAPTER 16

Presenting Content with Tables	227
Inserting a table	228
Adding content to a table cell	228
Importing tabular data	229
Selecting table elements	229
Formatting tables and cells	231
Resizing tables	233
Changing column widths and row heights	234
Adding and removing rows and columns	234
Nesting tables	237
Cutting, copying, and pasting cells	237
Sorting tables	239
Exporting table data	239

CHAPTER 17

Laying Out Pages in Layout View	241
About layout cells and tables	242
Switching into and out of Layout view	242
Drawing layout cells and tables	243
Adding content to a layout cell	246
Moving and resizing layout cells and tables	248
Formatting layout cells and tables	250
Setting column width	250
Setting Layout view preferences	254

CHAPTER 18

Using Frames	255
About frames and framesets	256
Deciding whether to use frames	257
About creating frame-based web pages in Dreamweaver	258
Creating frames and framesets	259

Selecting frames and framesets	261
Saving frame and frameset files	263
Viewing and setting frame properties.	264
Viewing and setting frameset properties	264
Controlling frame content with links.	265
Handling browsers that can't display frames.	266
Using JavaScript behaviors with frames	267

Part V

Adding Content

CHAPTER 19

Inserting and Formatting Text	271
Inserting and formatting HTML text	271
Formatting text	273
Using HTML styles to format text	279
About Cascading Style Sheets	285
Converting CSS styles to HTML tags	293
Checking spelling	294
Searching and replacing text	294

CHAPTER 20

Inserting Images	297
About images	297
Inserting an image.	298
Resizing an image	301
Creating a rollover image.	301
Using an external image editor	302
Applying behaviors to images	303

CHAPTER 21

Dreamweaver Integration with Other Applications	305
About Fireworks and Flash integration	306
Working with Dreamweaver and Fireworks	306
Creating a Web photo album	313
Working with Dreamweaver and Flash	314

CHAPTER 22

Inserting Media	319
Inserting and playing media objects.	320
Launching an external editor for media files	320
Using Design Notes with media objects.	321
About Flash content	322
Inserting a Flash button object	322
Inserting a Flash text object.	324
Inserting Flash movies.	326
Inserting Shockwave movies	326
Adding video.	327

Adding sound to a page	327
Linking to an audio file	328
Embedding a sound file	328
Inserting Netscape Navigator plug-in content	329
Inserting an ActiveX control	330
Inserting a Java applet	330
Using behaviors to control media	331

CHAPTER 23

Dreamweaver and Accessibility	333
Using Dreamweaver accessibility features	334
Authoring for accessibility	337
Testing your website for accessibility	343

Part VI
Working with Behaviors and Animations

CHAPTER 24

Using JavaScript Behaviors	349
Using the Behaviors panel	350
About events	350
Applying a behavior	351
About behaviors and text	352
Attaching a behavior to a timeline	352
Changing a behavior	353
Updating a behavior	353
Creating new actions	353
Downloading and installing third-party behaviors	354
Using the behavior actions that come with Dreamweaver	354

CHAPTER 25

Animating Layers	377
About HTML code for layers	378
Creating layers on your page	378
Nesting layers	380
Manipulating layers	381
Adding content to layers	383
Viewing and setting layer properties	384
Using tables and layers for layout	386
Animating your layers	388
Animating layers using behavior actions	395

Part VII

Working with Multiple Pages

CHAPTER 26

Linking and Navigation	399
About document locations and paths.	399
Creating links	402
Managing links	409
Creating jump menus	412
Creating navigation bars	414
Creating image maps.	416
Attaching behaviors to links	418

CHAPTER 27

Managing Site Assets, Libraries, and Templates	419
Using the Assets panel	420
Managing the Assets panel.	428
Working with Library items	430
Creating, managing, and editing library items	431
About Dreamweaver templates	435
Creating a Dreamweaver template	440
Creating editable regions.	442
Creating repeating regions.	443
Defining editable tag attributes	446
About optional regions	447
Creating a template-based document.	449
Editing content in a template-based page	450
About nested templates	454
Creating a nested template	456
Applying a template to an existing document	456
Editing and updating templates.	457
About XML.	458

CHAPTER 28

Testing a Site	461
Checking for browser compatibility.	462
Using Behaviors to detect browsers and plug-ins	463
Previewing pages in browsers.	463
Checking links in a page or site.	465
Fixing broken links	466
Opening linked documents in Dreamweaver.	467
Setting download time and size	467
Using Reports to test a site	468

Part VIII

Making Pages Dynamic

CHAPTER 29

Optimizing the Workspace for Visual Development	473
Displaying useful panels	473
Viewing your database structure within Dreamweaver	475
Viewing live data in Design view	476
Working in Design view without live data	480
Previewing dynamic pages in a browser	480
Restricting database information displayed in Dreamweaver	481

CHAPTER 30

The Dreamweaver Workflow for Dynamic Page Design	483
Designing the page	483
Creating a source of dynamic content	484
Adding dynamic content to a web page	486
Enhancing the functionality of a dynamic page	486
Testing and debugging the page	488

CHAPTER 31

Storing and Retrieving Data for Your Page	491
Using a database to store content	491
Collecting data submitted by users	492
Accessing data stored in session variables	495

CHAPTER 32

Defining Sources of Dynamic Content	501
Understanding dynamic content sources	502
Defining a recordset	502
Defining URL parameters	507
Defining form parameters	508
Defining session variables	509
Defining application variables	510
Defining server variables	511
Caching content sources	516
Changing or deleting content sources	516
Copying a recordset from one page to another page	517

CHAPTER 33

Adding Dynamic Content to Web Pages	519
About Adding Dynamic Content	520
Making text dynamic	520
Making images dynamic	521
Making HTML attributes dynamic	523
Making ActiveX, Flash, and other object parameters dynamic	525

Changing dynamic content	526
Deleting dynamic content	526
CHAPTER 34	
Displaying Database Records.	527
Applying typographic and page layout elements to dynamic data	528
Applying formats to data.	528
Customizing existing data formats	528
Creating recordset navigation links	529
Showing and hiding regions based on recordset results	532
Displaying multiple behaviors	533
Creating a table with a Repeat Region server behavior.	534
Creating a record counter	535
Creating an ASP.NET DataGrid or DataList web control	538
CHAPTER 35	
Using ColdFusion Components	543
Understanding ColdFusion components	543
Visually creating a component in Dreamweaver	544
Viewing ColdFusion components in Dreamweaver	544
Editing ColdFusion components in Dreamweaver.	545
Building web pages that use ColdFusion components	546
CHAPTER 36	
Using Web Services.	547
Understanding web services.	548
Installing and configuring proxy generators	550
Adding a web service proxy using the WSDL description	552
Adding a web service to a page	554
Editing the UDDI web service site list.	556
CHAPTER 37	
Adding Custom Server Behaviors	557
Installing additional server behaviors	557
Creating server behaviors	558
Writing code blocks.	561
Making code blocks conditional	563
Editing and modifying server behavior code	571
CHAPTER 38	
Creating Interactive Forms	573
About form objects	574
Creating a form.	575
Understanding form objects	577
Inserting checkboxes and radio buttons.	584
Adding lists and menus	586
Adding form buttons.	589
About form design.	590

Using a client-side JavaScript function to process a form	590
Using behaviors with forms	591
Creating dynamic form objects	592

Part IX

Developing Applications Rapidly

CHAPTER 39

Building Master/Detail Pages	599
About master/detail pages	599
Building master/detail pages rapidly	600
Building master/detail pages block by block	602
Modifying master/details pages	605

CHAPTER 40

Building Pages that Search Databases	607
About search/results pages	607
Creating the search page	608
Building the results page	609
Creating a detail page for a results page	613
Working with related pages (ASP and JSP users only)	617

CHAPTER 41

Building Pages that Modify Databases.	619
Building a page to insert records	619
Building a page to update records	622
Building a page to delete a record	626
Using stored procedures to modify databases	629
Using ASP commands to modify a database	634
Using JSP prepared statements to modify a database	636

CHAPTER 42

Building Pages that Restrict Access to Your Site	639
Building a registration page	639
Building a login page.	643
Building a page only authorized users can access	645

Part X

Appendixes

APPENDIX A

Beginner's Guide to Databases	651
About databases.	651
Database design basics.	652
Understanding database connections	657

APPENDIX B	
SQL Primer.....	663
Syntax basics.....	663
Defining the columns of a recordset.....	665
Limiting the records in a recordset.....	665
Sorting the records in a recordset.....	668
Joining tables.....	669
APPENDIX C	
Setting Up a DSN in Windows.....	671
Understanding DSNs.....	671
Creating a DSN.....	671
APPENDIX D	
Quick Reference: Macromedia ASP.NET Tags.....	675
INDEX	683