

Table of Contents

Foreword	15
About the Author	17
Acknowledgements	19
•So There We Were	19
•Changes in this Revision	20
•People to Thank	20
Introduction	23
•Who Is This Book For?	23
•What's the Plan?	23
•Conventions	25
•Errata	25
•Why So Little 3rd Party Code?	25
•Why Did You Do It *That* Way?	26
Getting Setup	27
•License Type	27
•Where to Install	27
•Installing ExpressionEngine	27
•Book-Specific Installation Configuration	28
•Editing Templates	28
•Companion Files	29
Chapter 1: How Does This Thing Work, Anyway?	31
•Key Points	35
•Moving On	35
Chapter 2: Loading a Static Template and Stylesheet	37
•Upload the Template Images	37
•Edit CSS to Add the Site URL Variable	39
•Template Organization	41
•Create a Template Group	41

•Create a CSS Template	43
•Copy/Paste in the CSS Code	44
•Turn on Template Revision History	44
•Edit Image Paths in HTML	46
•Loading the HTML into EE	47
•Edit the CSS Link in the HTML File	47
•The Results	48
•Not Working?	49
Chapter 3: Making DRY Chunks of the Main Template	51
•Are You Down with DRY?	51
•User Defined Global Variables	51
•Snippets	52
•Embedded Templates	53
•Template Layouts	54
•Which One to Use?	54
•What to Chunk?	55
•Chunking Plan	55
•Create a New Template Group	57
•On to the Chunking!	57
•Chunking an Embedded Template	58
•Chunking a Snippet	59
•Lather, Rinse, Repeat	62
•After Chunking	64
•The Results	65
•Not Working?	67
Chapter 4: Moving into the Index Template	69
•Title Tag	69
•Editing the Masthead	70
•Tweaking Navigation	71
•The Results	73
•Not Working?	73
Chapter 5: Beer and Planning Time!	75
•Developing a Data Structure	75
•Developing a Template Structure	77
•ExpressionEngine URLs	77
•One Big Bucket	78
•More Buckets	79

•Template Routes	80
•Index.php Removal	81
•How ExpressionEngine Thinks About Content	81
Chapter 6: Implementing a Channel and Channel Field Group to Hold Home Page Content	83
•Creating the Home Page Channel	83
•Creating a Simple Content Channel Field Group	84
•Adding a Field to the New Field Group	85
•Assigning the New Channel Field Group to the New Channel	88
•Removing Content from the Template	92
•Publishing Content into Channel Posts	92
•Adding EE Tags to the Index Template	94
•The Results	96
•Not Working?	97
Chapter 7: Implementing a Miscellaneous Content Channel and Using Embed Variables	99
•Miscellaneous Content Channel	99
•Creating the Miscellaneous Content Channel	100
•Modifying the Embedded Template	102
•Modifying the Site/Index Template	103
•URL Titles	104
•Modifying the Embedded Template	105
•The Results	107
•Not Working?	108
Chapter 8: Moving Footer Content and EE Conditionals	109
•Moving the Footer Content to the Miscellaneous Channel	109
•Copying the Footer Content into a Channel	110
•Modifying the Footer Snippet	112
•The Results	114
•Not Working?	114
Chapter 9: Implementing the About Section	115
•Creating the About Channel	115
•Publishing Content to the New About Channel	116
•Publishing a Section Intro for the About Page	116

•Creating a New Template Group	116
•Editing about/index	117
•Updating the Main Navigation	118
•The Results	121
•Not Working?	122

Chapter 10: Building Page Titles and Setting Navigation Active State Dynamically **123**

•Modifying the HTML Header Template	123
•Modifying the Page Templates	124
•Dynamic Navigation Styling	125
•Modify the Page Templates	125
•Modify the Page Header Template	126
•The Results	129
•Not Working?	130

Chapter 11: Building Product Content Structures **131**

•Product Images File Upload Destination	131
•Create An Image Manipulation	132
•Test Your Settings	135
•Create a Category Images File Upload Destination	136
•Upload Images & Synchronize	137
•Create the Products Channel	139
•Create the Channel Field Group	139
•Fill Out the Fieldset	139
•Create the Category Group	143
•Add Categories	143
•Connect the Channel, Category Group and Field Group	146
•The Results	147
•Not Working?	147

Chapter 12: Publishing Content with Text, Images and Other Files **149**

•Enter Content	149
•Entering Text	151
•Selecting Files Using the File Field Type	152
•Images All Willy-Nilly	154
•Images in the Native Rich Text Field	156
•Other WYSIWYG Options	156
•Managing Uploaded Files	157

•Editing Images	158
•The Results	160
•Not Working?	161
Chapter 13: Starting on the Products Templates	163
•Templates Needed	163
•Creating a Products Template Group	163
•Creating the Product Index Template	164
•Editing the Product Index Template	164
•Updating the Main Navigation	165
•Getting There	167
•Section Intro	167
•The Category Listing	167
•The Results	169
•Not Working?	170
Chapter 14: Adding Category Images and Custom Category Fields	171
•Custom Category Fields	171
•The Updated Products Template	174
•The Results	176
•Not Working?	177
Chapter 15: Adding Product Category Pages	179
•The Category Template	179
•Category Links	182
•Category URL Titles in Links	185
•The Results	186
•Not Working?	186
Chapter 16: Adding Product-Specific Pages	187
•The Product Detail Template	187
•Updating the Product List Template	189
•The Results	191
•Not Working?	192
Chapter 17: Using Plugins to Make Content Management Easier	195
•What We're Aiming For	195

•Snippet Version 1	196
•Version 1 Results	197
•Snippet Version 2	199
•Create the Sidebar Image Manipulation	199
•Version 2 Results	201
•Plugins to the Rescue	202
•What Are Plugins?	202
•Where Do You Find Plugins?	203
•How Do You Decide Which Plugins to Use?	203
•Installing Plugins	204
•Once Installed, How Do You Use Them?	206
•Template Version 3	206
•Version 3 Results	207
•Template Version 4	208
•Version 4 Results	209
•Not Working?	210

Chapter 18: Implementing the Services Section **211**

•Content Relationships	211
•New Services Channel	212
•Shortcuts	212
•Content Entry	214
•Template Tweaking - Index	214
•Another Custom Category Field	215
•Template Tweaking - List	216
•Template Tweaking - Detail	218
•New Post in Miscellaneous Content Channel	219
•Updating Main Navigation	219
•The Results	220
•Not Working?	223

Chapter 19: Using Categories to Display Services Related to Products and Vice-Versa **225**

•New Related Services Snippet	225
•New Related Products Snippet	226
•Editing the Products Category Template	227
•Editing the Services Category Template	227
•The Results	228
•Not Working?	230

Chapter 20: Building Product-to-Product Relationships	231
•New Relationships Field	231
•Edit Existing Product Entries	232
•Update products/detail	232
•The Results	236
•Not Working?	237
Chapter 21: Beginning the Weblog and Using Segment Variables	239
•Weblog Implementation Overview	239
•Create Data Structures	240
•Enter Content	243
•New Template Group	244
•Weblog Main Templates - Index	244
•Update Main Navigation	248
•The Results	250
•Not Working?	251
Chapter 22: Finishing the Weblog Index Template	253
•Snippet - Weblog Categories	253
•Snippet - Weblog Monthly Archives	254
•Edit Weblog Index Template	255
•Sidebar Latest News	256
•Tweak the Snippet	256
•The Results	258
•Not Working?	261
Chapter 23: Implementing the Weblog Comments Template	263
•Channel Configuration	263
•Weblog Main Templates - Comments	264
•Embedded Template - Entry Comments	267
•Why Embedded?	270
•The Results	271
•Not Working?	272
•Managing Comments	273
•Preventing Comment Spam	275
•Other Spam Tools	276

Chapter 24: Implementing the Weblog RSS Feed	277
•What is RSS?	277
•Weblog Main Templates - RSS	277
•Snippet - Syndicate Block	280
•Edit Weblog Parent Templates	281
•Autodiscovery Code	281
•The Results	282
•Not Working?	286
Chapter 25: Implementing the Contact Form	287
•Email Module	287
•New Template Group	288
•The Contact Us Template Code	288
•Enter Content	290
•Update Main Navigation	290
•The Results	290
•Not Working?	292
•Need More?	292
Chapter 26: Implementing the Search Function	293
•Hooking Up the Search Engine	294
•Configuring Channel Fields	294
•Placing the Search Code	295
•Create a Search Template Group	298
•Create the No Results Template	298
•Test	299
•Search Results	300
•Edit the Search Template Group Index Template	301
•Search Results	302
•{auto_path}	304
•{excerpt}	306
•The Results	308
•Better Results	309
•Not Working?	309
•And Done! Oh, Wait...	309
Chapter 27: 404 Management	311
•Create a 404 Template	311
•Configuring Global Preferences	312
•Validating the First URL Segment - Strict URLs	313

•Home and About Index Templates	315
•Products, Services and Contact Index Templates	320
•Products and Services List Templates	323
•Products and Services Detail Templates	325
•Weblog Templates	330
•Still Using index.php?	332
•The Results	334
•Not Working?	335
Chapter 28: Improving Performance	337
•Dynamic Channel Query Caching	338
•Template Caching	338
•Cache Drivers	341
•Tag Caching	341
•Query Disabling	341
•Tracking Preferences	342
•Gzip Output	343
•Enough Theory!	343
•Output Profiler	343
•An A/B Test	344
•The Results	345
•Not Working?	345
•Other Performance-Related Links:	346
Chapter 29: Configuring for Client Access	347
•Member Group Overview	347
•Create a Member Group	348
•Other Permissions	354
•Create Client Login	357
•Login as Client	359
•Tweak the CP	361
•Tweak the Publish Page	365
•The Results	373
•Not Working?	374
Chapter 30: Advanced Relationships	375
•Layer by Layer	376
•The Setup	376
•Enter Content	376
•Template Version 1	376
•Template Version 2	377

•Version 2 Results	378
•Template Version 3	378
•Version 3 Results	380
•Template Version 4	380
•Version 4 Results:	382
•Navigation?	382
•Not Working?	383

Chapter 31: Introducing Template Layouts 385

•Uh, Can You Just Show Me?	385
•Wrapper Template	386
•The Pushing Template	389
•Sooo... Which Way Is Better?	391
•System Performance	391
•Developer Performance	392
•Why Use Template Layouts?	392

Conclusion 393

•You've Come A Long Way, Baby!	393
•Next Steps?	394
•Support Notes	394
•Thanks!	395