

Index

Symbols & Numbers

.NET technologies, 388
:hover pseudo class, 202
@import for graceful degradation, 227
@import rule, 227
@import workaround, 227
 and versus <i> and , 130
<head> and <body> appropriately, use, 124
<html> tags, 123
<title>, using, 125

A

abbr element, 251, 252
abbr element for abbreviations, using, 251
about XHTML, 144
absolute positioning, 211
abstract. *See* iconography and language use
accessibility, 3
accessibility and law, 246
accessibility features, adding, 243
accessibility validators and common features
 A-Prompt, 267
 Bobby, 267
 Cynthia Says, 267
 LIFT, 267
accessibility validators, testing, 266
accesskey attribute, 254
accesskey attribute, understanding, 254
Acrobat plug-in, 30
acronym element, 251, 252
acronym element for acronyms, using, 252
Active Server Pages (ASP), 388
adding search, strategies for
 Custom search programming, 350
 Homegrown scripting, 350
 Professional Search Application Software, 350
 Professional Web Search Service Provision, 350
additive synthesis, 284
Adobe ImageReady, 23
advent of accessibility challenges, 244
affiliate programs
 considering, 361
 pros and cons of, 362

aggregate content, 349
alt attribute, 157, 249
alt attribute required, 157
alternate content, providing, 247
alternate style sheet for print, 235
alternate style sheet for small-screen media, 236
analysis software, 370
anchor element, 323
animations, designing, 4
AOL Instant messenger (AIM), 32
applet element, 320
applet, object, and embed, trouble with, 320
application and database technology, overview of, 387
application and programming technologies, 387
application language, 390
archive systems
 creating, 63
 relevance of, 63
ASCII text, 196
ASCII text editors, 8
ASCII-based languages, 8
ASP.NET scripts, 343
attribute names, 153
attribute values, 153
attributes, 133
audio, adding, 323
author documents structurally, 127
author markup and CSS, 4
automatic aggregation, 337
avoid additional spaces in hyperlinks, 106

B

back end, 387
back-end development, 387
background graphics, 207
background graphics in CSS, using, 195
binary graphic file, 292
bitmap formats
 GIF, 21
 JPEG, 21
bitmap graphics, 17
bitmap image programs, 17
bitmap imaging, 19
bitmap imaging program, 19

400 Index ♦♦

- bitmap imaging tools for Web graphic design, using, 4
 - bitmap programs
 - Mayura Draw, 22
 - Sketch, 22
 - block element, 133
 - block or inline elements, 133
 - Blogging software, 335
 - border styles in CSS, property values of
 - dashed, 180
 - dotted, 180
 - double, 180
 - groove, 180
 - Inset, 180
 - Outset, 180
 - Ridge, 180
 - solid, 180
 - Box Model, 210
 - Box Model Hack, 230
 - features of, 230
 - working of, 230
 - branding, techniques for
 - direct experience, 68
 - indirect messaging, 68
 - breadcrumb navigation, 89
 - browser-based color, 285
 - browsers, 12
 - budget, defining, 39
- C**
- caption data tables, summarizing, 260
 - caption element, 260
 - cascade, understanding, 171
 - Cascading Style Sheets (CSS), 102, 168
 - case and titling, 106
 - cell phones, 12
 - center element, avoiding, 138
 - challenges of Web project management, 36
 - character entities, 106, 135
 - character entities within HTML, types of
 - ISO 8859-1 characters, 136
 - markup-significant characters, 136
 - symbols, mathematical characters, Greek, and Latin letters, 136
 - character sets, defined
 - meta element, 126
 - on the server, 126
 - XML declaration, 125
 - character sets, managing, 125
 - charset attribute, 126
 - choose a provider, preparing to, 382
 - client-server technologies, 296
 - client-side, 387
 - client-side markup, 44
 - CMS, types of
 - CMS application service provider, 112
 - commercially packaged CMS software, 111
 - custom CMS development, 112
 - open-source based CMS software, 112
 - Code editor, choosing, 8
 - code editors, 12
 - codebase attribute, 323
 - collaborative communication software, 32
 - combine graphics and markup for effective typography, 280
 - comment systems, 338
 - comment systems, advantages of, 338
 - commercial code editors, 8
 - commercial licensing, 15
 - commercial visual editing packages, 8
 - commercial Web design software
 - ColdFusion Studio, 26
 - Homesite, 26
 - Macintosh BBEdit, 26
 - common drawing programs
 - Adobe Illustrator, 21
 - Macromedia Freehand, 21
 - Common Gateway Interface (CGI), 388
 - Compliance mode, 162
 - compress documents, 4
 - compression utilities, 27
 - concrete metaphor, 74
 - conflict resolution, 171
 - conforming document, 118
 - consider tabbed navigation, 87
 - consistent branding, creating, 68
 - consistent organizational structure, 36
 - consistent placement of elements, 84
 - content aggregation, 349
 - content audit, performing, 53
 - content development and management, 12
 - content growth, managing, 374
 - content management system (CMS), 64, 374
 - CMS (content management systems), 111
 - content management systems, exploring, 111
 - content-related tools, 112
 - conversion software, 26
 - convert and clean up documents, 4
 - cookies to track usage, considering, 340
 - cookies, benefits of, 341
 - copyright with creative commons, 108
 - copyright, understanding, 107
 - Corel, 19
 - correct XHTML DOCTYPEs, using, 149
 - cost-controlled usability testing, 90

- creating archive systems, issues related to, 64
- creating styles for print, guidelines for, 235
- creative tasks
 - content, 44
 - design, 44
 - multimedia, 44
- creative tasks
 - examples of, 44
 - listing, 44
- cross-platform compatibility, 12, 27
- cross-platform interoperability, 3
- cross-platform programming language, 388
- cross-service collaboration softwares
 - Fire, 33
 - Gaim, 33
 - Jabber, 33
 - Trillian, 33
- CSS 2, 12, 17
- CSS 2 and CSS 2.1 sidebar reference panels, 17
- CSS best practices, 237
- CSS borders and border styles, 179
- CSS designs, 196
- CSS features, 181
- CSS font-related features, 122
- CSS for style navigation, 76
- CSS hacking strategies, 228, 229
- CSS layout basics, 210
- CSS media types, understanding, 234
- CSS menus, dynamic, 202
- CSS style sheets, types of
 - layout styles, 227
 - site-wide styles, 227
- CSS type-related properties
 - Font, 183
 - font-family, 183
 - font-size-adjust, 184
 - font-stretch, 184
 - font-style, 184
 - font-variant, 184
 - font-weight, 184
 - letter-spacing, 184
 - line-height, 184
 - text-align, 184
 - text-decoration, 185
 - text-indent, 185
 - text-shadow, 185
 - text-transform, 185
 - word-spacing, 184
- CSS, learning, 168
- CSS-based layouts, 140
- CSS-based text mouseovers, 198
- CSS-compliant browser, 227
- current date, providing, 297

D

- database technologies, 387, 388
- database technologies in use on Web
 - Access, 391
 - Filemaker Pro, 391
 - Microsoft SQL Server, 391
 - MySQL, 391
 - Oracle, 392
 - PostgreSQL, 392
- date and time formats, 89
- date formats, 89
- deprecated elements to be avoided
 - applet, 138
 - basefont, 138
 - center, 138
 - dir, 138
 - font, 138
 - isindex, 138
 - menu, 138
 - s, 138
 - strike, 138
 - u, 138
- deprecated, obsolete, and propriety elements and attributes, avoiding, 138
- design process and management, 12
- determining market needs, goals of, 41
- Digital Rights Management (DRM), overview of, 110
- digital storytelling, overview of, 326
- direct access to site features, 81
- discussion groups, adding, 343
- disparities in problem-solving approaches, fixing, 37
- display property, 190, 198
- div elements, 214
- DIVs for backward compatibility, ordering, 226
- DOCTYPE, 127
- DOCTYPE
 - declaration, 149
 - switching, 162, 163
 - in HTML 4.01, 123
 - using, 122
- document conformance, 117
- Document Object Model (DOM), 134, 294
- Document Object Model 2 (DOM 2) sidebar reference panel, 17
- document tree, 131
- document type definitions (DTD), 121, 295
- document types and language versions, understanding, 119
- DOM (Document Object Model), 294
- drop-down menus, 84
- DTD in HTML 4.01
 - Frameset, 123
 - Strict, 123
 - Transitional, 123

402 Index ♦♦

DTD, choosing
 XHTML 1.0 Frameset, 147
 XHTML 1.0 Strict, 147
 XHTML 1.0 Transitional, 147
 XHTML 1.1, 148

DTDs for HTML 4 types
 Frameset, 122
 Strict, 121
 Transitional, 122

DTDs in XHTML, types of
 XHTML 1.0 Frameset, 150
 XHTML 1.0 Strict, 150
 XHTML 1.0 Transitional, 150
 XHTML 1.1, 150

dynamic content and rich media, 293

dynamic HTML (DHTML), 295

dynamic menu systems, 317, 318

dynamic navigation, creating, 205

dynamically created URLs, 360

E

ECMAScript, 294

effective meta descriptions, writing, 357

effective paragraphs, writing, 99

element. *See* elements, tags, and attributes, 133

elements as they were intended, using, 139

elements used with accesskey attribute
 a, 254
 area, 254
 button, 254
 caption, 254
 input, 254
 label, 254
 legend, 254
 textarea, 254

elements, tags, and attributes, 133

e-mail, 27

e-mail newsletters, 363

embed element, 139, 321

embedded style sheet, 169

embedded style, using, 169

empty element, 133

empty elements, terminating, 155

entertainment category items
 Fitness, 74
 Moving listings, 74
 Nutrition, 74
 Travel, 74
 TV listings, 74

entities and XHTML, 156

Extensible Markup Language (XML), 144

extensible style language with transformation (XSL/T), 390

external links, managing, 77

extraneous information, removing, 102

F

Fahrner Image Replacement (FIR), 198

fantastic content, creating and managing, 93

fieldset and legend to forms, adding, 258

fieldset element, 258

file management with FTP, 11

File Transfer Protocol (FTP), 11

filters, 211

finding your voice, 94

Flash, 30

Flash and complying with standards, adding, 322

Flash plug-in, 30

float property, 212

float-based layout, 212

floats, 211

font element, avoiding, 136

form element, 255

forms validation with JavaScript, 319

frame-based sites, 122

frames accessible, making, 265

frames
 advantages of, 141
 problems associated with, 141

freeware, 3, 15

frequency of updates and redesigns, considering, 64

front end, 387

front-end Web development, 387

FTP (File Transfer Protocol), 27

G

general JavaScript rules, 295

GIF and JPEG, features of
 Animation, 275
 Compression Type, 275
 Progressive Rendering, 275
 Transparency, 275

GIF animation do's and don'ts, 278

GIF animations, 22

GIFs and JPEGs, 273

GNU Image Manipulation Program, 19

GNU open source licensing, 3

goals, identifying
 audience needs, 40
 client goals, 40
 site intent, 40

Google AdWords, 366

Grab. *See* screen capture utilities, 24

graceful degradation, 210

graphic techniques
 masking, 292
 opacity, 292

graphical interface, 28

Graphical User Interface (GUI), 121, 244

graphics and multimedia, 12
 group form selections with select and
 optgroup, 256
 GUI-based environment, 245
 guidelines to create descriptions, 358

H

hack, 210
 hacking, tips for
 @import within style sheet to
 import hacks, using, 229
 avoid hacks, 229
 comment your hacked code, 229
 hand-held devices
 assistive device, 116
 PDA, 116
 head portion of document, contents of
 Aggregation, 124
 CSS, 124
 Favicons, 124
 Metadata, 124
 Scripts, 124
 Title, 124
 headers meaningfully, using, 105
 height attributes, 323
 helpful security and safety software
 AdAware, 31
 Brick House, 31
 Firestarter, 31
 Internet Cleanup, 31
 Mac Scan, 31
 McAfee Software, 31
 Norton Software, 31
 Sophos, 31
 Spybot, 31
 Vexira Anti Virus, 31
 Zone Alarm Firewall, 31
 helpful tag stripper software
 Detagger, 26
 HTML Markdown, 26
 Html2text, 26
 HTTC–HTML to Text Converter, 26
 Hex value for colors
 #000000-black, 137
 #000080-navy, 137
 #0000FF-blue, 137
 #008000-green, 137
 #008080-teal, 137
 #00FF00-lime, 137
 #00FFFF-auqa, 137
 #800000-maroon, 137
 #800080-purple, 137
 #808000-olive, 137
 #808080-gray, 137
 #C0C0C0-silver, 137
 #FF0000-red, 137

 #FF00FF-fuchsia, 137
 #FFFF00-yellow, 137
 #FFFFFF-white, 137
 hierarchies of content, determining, 54
 high pass filter, 231
 HTML, 12
 HTML 4.01 sidebar reference panel, 17
 HTML attributes
 checked, 156
 compact, 156
 ismap, 156
 multiple, 156
 nohref, 156
 noresize, 156
 noshade, 156
 nowrap, 156
 HTML editors, 12, 162
 HTML element, 195
 HTML formatting strategies
 indenting list items and nested
 lists, 120
 indenting table cells, 120
 managing case, 120
 managing quotes, 120
 using comments, 121
 HTML as markup language
 assistive device, 116
 PDA, 116
 HTML is root, 123
 HTML page, 299
 HTML tables, 102
 HTML tag stripper, 26
 HTML Tidy, 26
 HTML to XHTML, converting, 26
 HTML
 limitations of, 144
 overview of, 116
 Hypertext Markup Language (HTML),
 116

I
 iconography and language use, 74
 IE 5.0 Windows band pass filter, 232
 IE 5.5 filtration syntax, 233
 IE 5.5 Windows band pass filter, 233
 IE 6.0, 6
 ie55winbandpass.css file, 233
 image maps, 278
 image replacement
 techniques, 196
 goals of, 196
 images and text, randomizing, 301
 imaging program, 24
 img element, 299
 improving pace of text, steps for, 101
 index link and form controls using
 tabindex, 255

404 Index ♦♦

industry-wide standards for Web project management, creating, 37
 information architecture, 52
 information contained in site maps, 59
 inheritance, working with, 171
 inheritance. See know your document tree, 132
 initiating opt-in e-mail newsletters, factors to be considered while, 363
 inline elements, 133
 inline elements in blocks, enclosing, 163
 inline styles, using, 170
 Instant Messaging (IM), 345
 intellectual property (IP), 30
 Internet, 11
 Internet Explorer (IE), 276
 Internet Explorer (IE) Web browser, 110
 Internet protocol
 FTP, 12
 Telnet, 12
 Internet Relay Chat (IRC), 344
 Internet Service Providers (ISP), 381
 Internet services
 e-mail addresses, 381
 FTP, 381
 Listserv software, 381
 Internet-related services
 e-mail, 245
 Gopher, 245
 World Wide Web, 245
 interpreted language, 389
 interpreted object-oriented programming language, 390
 intrinsic events, 134
 intrinsic events in HTML 4.01
 onblur, 134
 onchange, 135
 onclick, 134
 ondblclick, 134
 onfocus, 134
 onkeydown, 135
 onkeypress, 135
 onkeyup, 135
 onload, 134
 onmousedown, 134
 onmousemove, 134
 onmouseout, 134
 onmouseover, 134
 onmouseup, 134
 onreset, 135
 onselect, 135
 onsubmit, 135
 onunload, 134
 ISP versus Web Host costs, comparison of, 382
 ISP, significance of, 381

J

JASC's Paint Shop Pro, 19
 Java applets, 320
 Java platform products, 30
 Java plug-in, 30
 JavaScript, 8, 294
 JavaScript sidebar reference panels and guides, 17

K

KDE desktop environment, 24
 keywords for meta elements, targeting, 356
 keywords in text, using, 359
 know your document tree, 132

L

label attribute, 256
 label element with forms, using, 259
 laying out pages with CSS, 209
 left column menu, 211
 leftmargin attribute, 139
 leftnav classes, 175
 legend element, 258
 limit color names to standard colors, 136
 link effects, 177
 link element, 151, 168, 247
 Link to Home, 84
 linked style sheet, 168
 linked style, using, 168
 linking features, 335
 link-related problems in usability, 79
 link has incorrect URI, 79
 link has no URI, 79
 link is to a non-HTML document, 79–80
 link text is very long, 80
 link text not visible inline, 79
 too many links in a page, 79
 Linux, 3
 list properties in CSS
 list-style, 186
 list-style-image, 186
 list-style-position, 187
 list-style-type, 187
 lists and discussion groups, popular
 Babble, 396
 CSS-Discuss, 396
 WebDesign-L, 396
 XHTML-L, 396
 lists for horizontal navigation, using, 190
 lists for vertical navigation, using, 188
 lists to enhance structure and readability, using, 128
 lists to simplify ideas, 104

lists with CSS, styling, 186
 local machine, protecting
 Adware protection, 31
 Firewall software, 31
 up-to-date antivirus software, 30
 Logos, 84
 longdesc attribute, 247
 Lynx, 244
 Lynx, testing with, 267

M

Mac OS X, 3
 Macintosh, 19
 Macromedia Fireworks, 19
 Macromedia Flash, 22
 manage scalability, suggestions to, 373
 managing external links, 77
 market needs, determining, 41
 markup style, creating, 118
 Master Toolbox, setting up, 3
 media types in CSS
 All, 234
 aural, 234
 Braille, 234
 embossed, 234
 handheld, 234
 print, 234
 projection, 234
 screen, 235
 tty, 235
 tv, 235
 menu systems
 drop-down menus, 317
 fly-out menus, 317
 sliding menus, 317
 meta keyword, 354
 meta tags, 354
 metaphor. *See* iconography and language
 use, 74
 Microsoft Network (MSN), 376
 mid-pass filter, 232
 MIME type attribute, 323
 minimized attributes, managing, 156
 modify line height, word spacing, and
 even transform case, using CSS, 280
 Mozilla 1.0+, 16
 Mozilla Firefox Web browser, 16
 Mozilla Web browser, 84
 multiple link styles, creating, 174

N

name attribute, 164
 namespace to root, adding, 150
 naming conventions, determining
 %, 59

 &, 59
 *, 59
 -, 59
 |, 59
 ~, 59
 Space, 59
 Navigation, 84
 navigation by like items, grouping, 72
 negative space, 280
 nested float, 214
 Netscape 7.0+, 16
 Netscape DevEdge site, 17
 new Window without target, opening,
 307
 nonempty element, 133
 nonempty elements, managing, 155

O

object element, 321
 obsolete elements, 138
 offline promotions, 368
 open-source imaging program, 20
 open-source operating system, 25
 Opera browser, 233
 Opera hacks, 233
 OperaShow feature, 237
 operating systems, 12
 optgroup element, 256
 opt-in e-mail newsletters to drive traffic,
 using, 363
 organic growth and Web, 52
 orientation, concept of, 88

P

padding shorthand property, 181
 page style regularly, refreshing, 346
 page testing, 16
 pages with HTML, crafting, 115
 paragraph element, 164
 patents on Web, role of, 110
 PDAs, 12
 Peer to Peer (P2P), 345
 peer-to-peer communications system,
 30
 Photoshop, 19, 24
 PHP, 335
 pixel-based graphics, 17
 pixel-based image, 19
 placement of critical information, 83
 plug-in engine, 110
 plug-ins, 29
 plug-ins for video and audio, using, 4
 plug-ins, check for, 309
 PNG, features of, 276
 PNH toolbar, 16

406 Index ♦♦

- PNH toolbar
 - features of, 16
 - significance of, 16
 - popular audio players
 - Apple QuickTime, 29
 - Microsoft Windows Media Player, 29
 - RealPlayer, 29
 - WinAmp, 29
 - popular Code Editors
 - Adobe GoLive CS, 9
 - BEdit, 9
 - Emacs, 9
 - Homesite, 9
 - Macromedia Dreamweaver MX 2004, 9
 - Microsoft FrontPage 2003, 9
 - Notepad, 9
 - SimpleText, 9
 - TextEdit, 9
 - Vi, 9
 - popular FTP clients
 - CuteFTP, 12
 - Fetch, 12
 - FTPClient, 12
 - Transmit, 12
 - WS_FTP, 12
 - popular Web animation utilities
 - GIF Builder, 23
 - GIF Builder for OS X, 23
 - GIF Construction Set, 23
 - GIF Merge, 23
 - Ulead Gif Animator, 23
 - pop-up Windows, 85
 - popups applications
 - code samples, 86
 - product details, 86
 - visual details, 86
 - Weblog comments, 86
 - portability, 3
 - Portable Document Format (PDF) files, 30
 - Portable Network Graphics (PNG), 276
 - portal web sites, 350
 - positioning, 210
 - potential Web site navigation items
 - Business, 73
 - Fitness, 73
 - Fortune, 73
 - Horoscope, 73
 - Lottery, 73
 - Movie listings, 73
 - Nutrition, 73
 - Poll, 73
 - Quote, 73
 - Sports, 73
 - Technology, 73
 - Travel, 73
 - TV listings, 73
 - Weather, 73
 - World, 73
 - PowerPoint, 237
 - PowerPoint, Web accessibility of, 237
 - primary IM clients
 - AOL Instant messenger (AIM), 32
 - ICQ, 32
 - MSN Messenger, 32
 - Yahoo Messenger, 32
 - primary navigation, defining, 69
 - pro weblogging software, 337
 - problem grammar, avoiding, 107
 - project manager, selecting, 38
 - Project workflow phase
 - launch, 43
 - post-production, 43
 - pre-production, 43
 - production, 43
 - quality assurance, 43
 - task identification, 43
 - proper nesting of lists, 159
 - proprietary elements, 139
 - protocol, 11
 - prototypes
 - developing, 61
 - importance of, 61
 - provide orientation, 88
 - proximity, importance of, 282
 - punctuation, 106
- Q**
- quality assurance concerns, assuring, 45
 - Quirks mode, 162
 - quotation of attribute values in XHTML, 154
- R**
- random link feature, 334
 - random link feature, creating, 334
 - random or frequently changed features, providing, 334
 - randomizing different types of contents, 334
 - Rapid Application Development (RAD), 37
 - raster graphics, 17, 291
 - Rational Unified Process (RUP), 37
 - Really Simple Syndication (RSS), 350
 - reciprocal linking, 361
 - reciprocal links, soliciting, 361
 - redesign projects and timelines carefully, mapping, 375

redesign, tips for, 377
 regular and seasonal promotions,
 running, 364
 regular assessment cycle, developing,
 372
 rel attribute, 152, 248
 remote server, 12
 remote testing, advantages of, 90
 rename utilities, 25
 Resource Description Format (RDF), 351
 Resource Description Framework (PDF),
 124
 restrict use of tables, 140
 restricting the use of tables, advantages
 of, 140
 RGB color management system, 284
 rich media, using, 296
 Rich Site Summary (RSS), 124, 350
 right content area, 211
 rightmargin attribute, 139
 rightnav class, 175
 rounded tabs, 205
 RSS feeds, 371

S

scalability, ensuring, 373
 scalable graphic, 291
 scalable methodology, 292
 Scalable Vector Graphics (SVG), 30,
 291
 SVG, exploring, 291
 screen capture utilities, 24
 screen reader software, testing with,
 267
 script element, 152, 295
 scripting and rich media, 294
 scripting language, 389
 scripts in XHTML, adding, 152
 Search, 84
 search engine, 355
 Search Engine Optimization (SEO),
 355
 search engine submission, 367
 search technology, adding, 349
 secondary navigation, forms of
 alternative text links, 71
 drop-down menus, 71
 section submenus, 71
 Secure Shell (SSH), 13
 security features, 13
 server analysis, benefits of
 color and resolution information,
 371
 country information, 371
 hit statistics, 370
 platform information, 371

top entry pages, 370
 Top referrers, 370
 top search strings, 371
 top URLs, 370
 top user agents, 371
 server logs, importance of, 370
 server-side, 387
 server-side applications, 387
 service provision, overview of, 381
 service references, 385
 SGML, 144
 SGML constructs, 122
 shareware, 3, 15
 shareware program, 25
 Shockwave plug-in, 30
 sidebar panel (F9), 17
 sidebar reference panels, 17
 Simple Query Language (SQL), 391
 site content fresh, keeping, 337
 site mapping, 59
 site purpose, clarifying, 95
 site registration, offering, 338
 site types
 dating site, 365
 DJ Web site, 364
 heart disease information Web site,
 364
 weather Web site, 365
 site types that can benefit from discussion
 forums
 Gaming site, 344
 Health support group site, 344
 Job search site, 344
 Software development company
 site, 344
 Special interest web sites, 344
 site types, different
 Dating web site, 340
 Intranets for government and
 industry, 340
 Online software registration, 340
 Political party registration, 340
 Product support forum, 340
 sites fresh and engaging, keeping, 329
 sites usable and persuasive, making, 67
 site-wide standards, setting
 accessibility guidelines, 65
 code, 65
 code commenting, 65
 colors, 65
 content guidelines, 65
 directory structures, 65
 file naming conventions, 65
 graphic formats, 65
 maintenance list, 65
 policies, 65
 team members and roles, 65

408 Index ♦♦

- site-wide style guide, developing, 65
 - skip links, using, 263
 - Sliding Doors technique, 205
 - software for security and safety, 30
 - space with padding, gaining, 181
 - special characters, 135
 - spice up forms, 191
 - sponsored link program, 366
 - sponsored links, adding, 366
 - src attribute, 153
 - standard color names for use in HTML, XHTML, and CSS, 137
 - standard graphic design elements
 - geometric shapes, 291
 - raster images, 291
 - text, 291
 - structural components, 127
 - StuffIt (Macintosh), 28
 - style element, 169
 - style in XHTML, implementing, 151
 - style sheet for projection, alternate, 237
 - style sheet switching for customization, 347
 - style sheet switching for visual design, 315
 - style standards, applying, 106
 - style tips for type and design, 167
 - style, importing, 170
 - style-switching technique, 347
 - summary attribute, 260, 261
 - SVG, compatibility of
 - CSS2, 291
 - Document Object Model (DOM), 291
 - HTML, 291
 - SMIL, 291
 - XHTML, 291
 - XML, 291
 - XSLT, 291
 - symbolic meaning of shapes
 - Circle, 287
 - Rectangle, 287
 - Triangle, 287
 - Synchronized Multimedia Integration Language (SMIL), 30
- T**
- tabbed navigation, significance of
 - tabs are consistent, 87
 - tabs are familiar, 87
 - tabs are persistent, 87
 - tabindex attribute
 - a, 255
 - area, 255
 - button, 255
 - input, 255
 - object, 255
 - select, 255
 - textarea, 255
 - table element, 261
 - table-based design, 210
 - tables to organize data, using, 102
 - tag strippers, 26
 - tags, 133
 - target attribute, 307
 - target attribute is unavailable in anchor, 165
 - targeted words in headers, using, 358
 - technical tasks, clarifying, 44
 - techniques to achieve good pages
 - try contrast by weight and color, 280
 - try type family contrast, 280
 - Telnet and SSH, 12
 - Telnet and SSH clients
 - NiftyTelnet, 13
 - OpenSSH, 13
 - PuTTY, 13
 - Telnet and SSH clients platforms
 - Linux and related platforms, 13
 - Macintosh, pre OS X, 13
 - Windows, all versions, 13
 - Telnet and SSH Clients platforms, 13
 - Telnet built system
 - Mac OS X, 13
 - Windows 2000, 13
 - Windows 95, 13
 - Windows 98, 13
 - XP, 13
 - test sites in a range of Web browsers, 4
 - text and computer screen
 - color management, 98
 - font smoothing, 98
 - screen resolution, 97
 - text and image mouseovers, 201
 - text content, elements of
 - headers, 133
 - list items, 133
 - paragraphs, 133
 - text resizing, method for, 310
 - text size switching, 310
 - text-align property, 222
 - text-based environment, 244
 - text-based type, 279
 - text-based Web, 244
 - three-column layout, 218
 - tips to be followed when using headers, 105
 - title attribute, 249, 250
 - title attribute in links, using, 249
 - traditional IP law
 - copyright, 107

- patent, 107
- trademark, 107
- transitional design, 140, 210
- two-column layout, 211
- two-column layout, positional left
 - navigation, 211
- type effects, 182
- type sizing options in CSS,
 - understanding, 182

U

- UNIX, 19, 27
- URL, 248
- URLs short and relevant, keeping, 360
- usability testing, primary types of
 - lab-based, 90
 - remote, 90
- use of frames, restricting, 141
- useful information and applications
 - Auto, 332
 - Children's, 333
 - Financial, 332
 - Health-and-Beauty, 332
 - Inspirational/Religious, 332
 - Portal, 333
 - Real Estate Agency, 332
- user pathways, creating, 62
- user-agent feature, 248
- using drop-downs, recommendations for
 - avoid menus of known information, 85
 - avoid menus with short entries, 85
 - avoid very long menus, 85
- using GIF animation, guidelines for, 278

V

- validate pages, 4
- validation tools, 14
- validation tools for markup, CSS, and accessibility
 - Adobe GoLive, 15
 - Bobby, 14
 - CSE HTML Validator Pro, 14
 - Cynthia Says, 14
 - FrontPage 2003, 15
 - Lift, 14
 - Macromedia Dreamweaver MX, MX 2004, 14
 - W3C CSS validation, 14
 - W3C HTML and XHTML validation, 14
- validation. *See* validate the document, 118
- validate the document, 118

- value options
 - centimeters, 182
 - em, 182
 - ex, 182
 - inches, 182
 - keywords, 182
 - percentages, 182
 - picas, 182
 - pixels, 182
 - points, 182
- varying pace, 100
- vector graphics, 291
- vector image programs, 21
- vector-based environments, drawing, 4
- vertical centering in CSS, 220
- video, adding, 324
- view source, 16
- visual and aural content, describing, 247
- visual design and site intent, 272
- visual design in global market, 271
- visual editors, 12
- visual effects to data tables, adding, 193
- visual tools, 162
- voice-family property, 230

W

- W3C reference material, 16
- Web Accessibility Initiative (WAI), 246
- Web accessibility, overview of, 244
- Web ads, learning more about, 365
- Web advertising, 22
- Web animation utilities, 22
- Web application and programming technologies
 - ASP, ASPNET, 388
 - CGI, 388
 - ColdFusion, 388
 - Java, 388
 - Perl, 389
 - PHP, 389
 - Python, 390
 - XML, 390
 - XSL/T, 390
- Web browser, 30, 116
- Web browser and version
 - IE 5.0, 7
 - IE 5.01, 7
 - IE 5.5, 6
 - Lynx, 7
 - Mozilla, 7
 - Netscape 4.7, 7
 - Opera, 7
 - Safari, 7
- Web browser toolbox, 6

410 Index ♦♦

- Web browsers
 - Apple Safari, 5
 - Internet Explorer (IE), 5
 - Mozilla Firefox, 5
 - Opera, 5
 - Web browsers and version
 - IE 6.0, 6
 - Web Content Accessibility Guidelines (WCAG), 246
 - Web design, 12, 118, 244
 - Web design secrets, 3
 - Web design toolbox, 3, 16
 - Web designer, 3
 - Web document, 26
 - Web graphic design, 12
 - Web graphics, 273
 - Web graphics, creating, 4
 - Web hosting services, 381
 - Web Hosting, types of
 - Co-location hosting, 383
 - dedicated hosting, 384
 - on-site hosting, 384
 - shared (virtual) hosting, 383
 - specialty hosting, 384
 - Web master program, 25
 - Web pages, 5
 - Web project management, problems
 - related to, 36
 - Web project, managing, 35
 - Web publishing software, 119
 - Web server services, 381
 - Web servers, 13
 - Web site downloads and storage, 27
 - Web site portfolios, 24
 - Web sites, 12
 - Web sites, helpful
 - A List Apart, 393
 - Agitprop, 393
 - Builder.com, 393
 - css/edge, 393
 - DevEdge, 393
 - Generally Markup, 394
 - Glish.Com, 394
 - Hot Source HTML Help, 394
 - House of Style, 394
 - IBMs developerWorks Web
 - Architecture Zone, 394
 - Lynda.Com, 394
 - Mark Radcliffe's Advanced HTML, 394
 - MAXDESIGN, 394
 - Microsoft Developer Network, 394
 - Real World Style, 394
 - The HTML Bad Style Page, 394
 - The Sevloid Guide to Web Design, 394
 - Web Designers Virtual Library (WDVL), 394–95
 - Web Page Design for Designers, 395
 - Webmonkey's How To Guide For Web Developers, 395
 - Webreference, 395
 - World Wide Web Consortium (W3C), 395
 - Yale C/AIM Web Style Guide, 395
 - Web Standards Project (WaSP), 81, 116
 - Web-based
 - advertising, 365
 - audio files, 323
 - chat, using, 343
 - system, 377
 - weblog adding, importance of, 335
 - Weblog commenting systems,
 - considering, 337
 - Weblog portals, 337
 - Weblog, adding, 335
 - Weblogs, 12, 335
 - Webrings, 361
 - Web-safe color, 284
 - Well-Formedness, understanding, 158
 - when to redesign, 374
 - which special characters are to be used,
 - determining, 106
 - white space, 280
 - white space, advantages of, 282
 - width attribute, 323
 - Windows, 3, 19
 - Windows platform, 25
 - WinZip (Windows), 27
 - wireframing process, information dealt
 - with in, 61
 - wireframing, understanding, 60
 - workaround, 210
 - working with redesigns, tips for, 375
 - World Wide Web Consortium (W#C), 110
- ## X
- XHTML, 12
 - XHTML 1.0 Transitional document, 163
 - XHTML and case sensitivity, 153
 - XHTML frameset DTDs, 265
 - XHTML Friends Network (XFN), 265
 - XHTML version, 146
 - XHTML versions and DTDs, 145
 - XHTML, advantages of, 147
 - XHTML, document types of
 - Frameset DTD, 146
 - Strict DTD, 146

Transitional DTD, 146
XHTML 1.1, 146
XHTML, goals of, 144
XHTML, specific goals of, 144
XML declaration
 avoiding, 148
 problems with, 148
 purpose of, 148

XML prologue, 148
XML-related aggregation technology,
 350
XSLT 1.0, 17

Y
Yahoo! Messenger, 32

