

# Index

## A

- AAMs (Alternate Access Mappings), 296**
- ABCs of Web Content Management, 42–44**
- About Us site, 324, 327, 336**
- Accept Content Deployment**
  - Jobs (setting), 325**
- Access (Microsoft), 393**
- accessibility, 145–156**
  - advantages of, 151–152
  - CSS and, 147, 148, 149, 152, 153, 155
  - guidelines, 146–151, 156
    - Section 508, 147, 150–151, 156
    - WCAG 1.0, 147–149, 156
    - WCAG 2.0, 149–150, 156
  - measuring, 146–151
  - in SharePoint sites, 152–154
    - challenges, 153–154
- Accessibility Kit for SharePoint (AKS), 145, 154–155, 156**
- ACLs, 323, 330, 371**
- ACMEMasterPreview.gif, 120**
- ACMEPressPreviewTmp.gif, 127**
- ACMEPressTmp.aspx, 125, 127**
- ACMETMasterPreviewTmp.gif, 118**
- ACMETmp.master, 118**
- AC's WCM Custom Commands, for STSADM**
  - .EXE, 94, 99**
- actions (custom), 54, 269–271**
  - scoping options, 54
- activation dependency, 58**
- activation properties (Feature), 84–85**
  - Navigation Feature and, 86
- Active Directory (AD), 13, 14, 15, 28, 293, 297**
- activities (workflow), 213, 214**
- AD (Active Directory), 13, 14, 15, 28, 293, 297**
- Adams, Douglas, 305**
- ADO.NET, 143, 265, 383, 394, 397**
- agility, language, 306, 307, 311, 314**
- AJAX callbacks, 383**
- AKS (Accessibility Kit for SharePoint), 145, 154–155, 156**
- AllowExternalUrls, 274**
- AllowFonts, 274**
- AllowHeadings, 274**
- AllowHtmlSourceEditing, 274**
- AllowHyperlinks, 274**
- AllowImages, 274**
- AllowLists, 274**
- AllowReusableContent, 274**
- AllowTextMarkup, 274**
- Alpha Task, values from, 234–235**
- Alternate Access Mappings (AAMs), 296**
- AlternateCssUrl, 85**
- anonymous access, 9, 302–304**
- APIs**
  - content deployment, 337–339
  - content migration, 339–344
  - SharePoint. *See* SharePoint API
- Apple Safari, 279**
- application development. *See* custom application development**
- application master pages, 112–113**
- application pages, 32, 392**
  - site pages v., 392
- application pools, 37, 57, 177, 298, 323, 379, 380**
- application, Web. *See* Web applications**
- application.master, dynamically switching, 112–113**
- ApplyChanges() method, 183, 190**
- Approval workflow template, 220, 221**
- ApprovalDecision enumeration, 234**
- Approve permission level, 13, 294**
- Approvers SharePoint group, 295**
- Article Page, 71, 73, 202, 272, 319**

**ASCX files**, 19, 28, 29, 164, 166, 181, 283, 284, 361, 370

**AspMenu control**, 139, 140

### ASP.NET 2.0

applications, 396–401. *See also* custom application development

authentication provider model, 296–302

components, 386–387

    SharePoint leveraging of, 21

debugging in, 37

master pages. *See* master pages

multilingual capabilities, 306

    content, 306

    user interface, 306

navigation provider model, 137–138. *See also* navigation

resource manager, 306, 315

validation controls, 172

Web Parts, 182

    in SharePoint sites, 191–192

    WSS 3.0 development v., 27–31, 37

**ASP.NET controls**, 11

**assemblies**, 60

**associations, workflow**, 217, 218

**ATAG (Authoring Tool Accessibility Guidelines)**, 147

**Audience Targeting**, 198

**audiences**, 15

**authentication**, 13, 291

    forms-based, 297–302

    WCM and, 13–14

    Windows, 297

**Authentication Information (setting)**, 328, 329

**authentication provider model**, 296–302

    FBA and, 297–302

    Windows authentication, 297

**author pivots**, 251–252

**authoring**, 42–43

**authoring experience extensibility**, 6, 269–290

**Authoring Tool Accessibility Guidelines (ATAG)**, 147

**authoritative pages**, 15–16, 258

**authorization**, 13, 291

    permission levels. *See* permission levels

    securable objects, 293

    security (SharePoint), 291–296

        components, 291–295

        Publishing sites, 293–295

        via SharePoint API, 295–296

**AvailableWebTemplates**, 85

## B

**Babel fish**, 305

**BDC**. *See* **Business Data Catalog**

***Beginning SharePoint 2007 Administration*** (Wrox, 2007), 47

**best bets**, 16, 244, 248, 257, 259

**binary large objects (BLOB) caching**, 370, 372

**Blank Site template**, 23, 58, 88, 323, 327, 335

**BLOB (binary large objects) caching**, 370, 372

**bottleneck, Webmaster**, 2, 16, 42

**branding**, 4, 15, 43

**breakpoints**, 221, 240, 358

**browser caching settings**, 378

**browsers**. *See* **Firefox; Internet Explorer; Safari**

**Business Data Catalog (BDC)**, 42, 49, 265, 267, 389, 401

**business forms (MOSS feature)**, 41

**business intelligence**, 40, 41

**buttons**

    added to Quick Access Buttons, 284–285

    in HTML Editor field control, 274–278

    enabling/disabling, 273–274

    XFN, 275, 277, 278

## C

**C# Class Library project template**, 29, 59, 160, 184, 281

**CAB (cabinet) files**, 60, 63, 103, 322. *See also* **WSP files**

**CAB Project template**, 63

**cabinet files**. *See* **CAB files**

**Cabinet SDK (Microsoft)**, 63

**caching options (SharePoint)**, 370–372

    browser caching settings, 378

    disk-based BLOB caching, 370, 372

    object caching, 371–372

    page output caching, 370–371

    PortalSiteMapProvider. *See*

        PortalSiteMapProvider

**callback methods**, 183, 185, 186

- CAML (Collaborative Markup Language), 37, 52**
- CAS (code access security), 30, 60, 68, 191, 194, 375**
- Cascading Style Sheets. See CSS**
- case scenarios, 7**
- Central Administration, 24, 63, 65**
  - search and, 258
- change tokens, 342–343**
- Chapter7Pages project, 118**
  - Chapter7Pages Feature
    - creation of, 118
    - DDF file for, 121–122, 128–129
    - elements manifest file, provisioning master page, 121
    - elements manifest file, provisioning preview image, 119
    - Feature definition for, 119, 129
    - manifest.xml for, 122
  - Press Release content type and, 125
- Chapter14DeleteCustomizedPetFiles Feature receiver**
  - creating files, 286–287
  - deleting files, 285
- Chapter14PageEditingToolbar**
  - deactivation, 289
  - Feature definition, 288
  - process flow, 288
- checkpoints, 148**
  - Priority 1, 148, 149, 151, 153, 155
  - Priority 2, 148, 149, 155
  - Priority 3, 148, 149
- ChromeMasterUrl, 85**
- click distance, 258**
- CLR (common language runtime), 212**
- CMP (Content Migration Package) files, 339, 340, 341**
- code access security (CAS), 30, 60, 68, 191, 194, 375**
- Code Condition, 235**
- code reuse, 51, 67, 108**
- code-behind files, 29–30**
- CodePlex, 16, 153, 154, 265, 378**
- collaboration (MOSS feature), 41**
- Collaboration Portal template, 42, 246**
- Collaborative Markup Language. See CAML**
- collections, 381–382**
  - accessing properties
    - directly on items, 382
    - using local object, 382
- columns. See site columns**
- Commerce Server, Microsoft, 42**
- CommitWorkBatch service, 213**
- common language runtime (CLR), 212**
- Condition property, 235**
- Configurations element, 82**
- conformance (site design principle), 150**
- Conformance Levels, 149, 150**
- Connection Security (setting), 326**
- connection strings, database, 299, 300, 389, 394**
- ConsolAction.NavigateUrl override, 283**
- console actions, 281–283, 284, 285**
- ConsoleAction class, 281**
- ConsoleAction.ImageUrl, 282**
- ConsoleAction.RequiredStates property, 282**
- ConsoleAction.UserRights property, 282**
- Content and Structure Reports list, 100–101**
- content authoring, 42, 43, 86**
  - experience extensibility, 269–290
  - field controls and, 209. *See also* field controls
  - offline, with document converters, 271, 345–367
  - Telerik RadEditor Lite and. *See* Telerik RadEditor Lite MOSS Editor control
- content databases, 4, 9, 12, 22, 23, 31, 32, 34, 35, 86, 91, 93, 96, 118, 123, 126, 136, 216, 225, 323, 370, 372, 383, 394**
- content deployment, 44, 321–344**
  - API, 337–339
  - authoring environment, 322
  - configuring, 325–327
  - example scenario, 327
  - fundamentals, 322–325
  - incremental, 323, 342–344
  - jobs, 324–325
    - creating, 330–333
    - running, 334–336
  - paths, 323–324
    - creating, 328–330
  - phases of operation, 322
  - production environment, 322
  - Quick Deploy jobs, 324–325

### **content deployment (continued)**

- leveraging, 337
- 'single master' model, 322
- topology, 322
- walkthrough, 327–337
- Content Deployment Report page, 334, 335**
- content fields, 110**
- content management (MOSS feature), 41**
- Content Management Server 2002 (MCMS), 39–40, 212, 321, 340, 345**
- content migration API, 339–344**
  - change tokens in, 342–343
  - exporting content with, 340
  - exporting site with, 341
  - importing content with, 342
  - incremental deployment, 342–343
- Content Migration Package (CMP) files, 339, 340, 341**
- content placeholders, 110, 114–115**
- content queries, 9**
- Content Query Web Part (CQWP), 8, 9, 10, 11, 15, 22, 43, 46, 73, 195, 196, 197–199, 209**
  - customization, 199–204
    - deployment, 207–208
    - implementation/demonstration, 204–207
  - definition, modifying, 201–202
  - definition, provisioning, 208
  - rendering style sheet, provisioning, 208
  - style rendering, customizing, 202–204
- content regions. See field controls; Web Parts**
- content, reusable, 12**
- content sources, 242, 244, 257, 258, 265, 267**
- Content Type, 198**
- content types, 5, 11, 46, 54, 71, 89, 94–100, 108**
  - creating, 96–99
    - via browser interface, 96–97
    - via code, 97–98
    - via Features, 98–99
  - document converter, 352
  - gallery, 94, 96, 97, 352
  - IDs, 95–96
    - conventions, 95
    - GUIDs in, 95, 96
  - online information, 94
  - page layouts v., 11, 99

- role, in Publishing sites, 99–100
- root, 94, 95
- scoping options, 54
- System, 94, 95
- content-centric sites, 74, 142, 145, 181, 294, 295, 304, 319, 369, 385, 388**
- contentclass, 15**
- ContentType field, 121, 128**
- Contribute permission level, 13, 294**
- ControlAdapter classes, 153, 155**
- controlled publishing, 43–44**
- \_controltemplates, 22**
- converters. See document converters**
- ConverterUIPage attribute, 360, 361**
- core.js, 374–378**
  - DelayLoadCoreJs.aspx, 377
  - IIS compression, 374
  - loading, 374–375
    - delaying, 377–378
    - lazy, 377–378
  - RegisterCoreJsIfAuthenticated server control, 376
- country selector event handler, 169**
- CountryRegionControl field control, 159**
  - design-time experience added to, 171
- CountryRegionControl.ascx custom field control rendering template, 165**
- CountryRegionControl.cs custom field control, 164, 166**
- CountryRegionControl.Value**
  - property's get, 167
  - property's set, 168–169
- CountryRegionField class, 160**
  - creating, 160
  - custom field type in, 160
  - field type and field value joined in, 163
- CountryRegionField definition, 161**
- CountryRegionField field type, 159, 164**
  - interface, 160, 161
- CountryRegionField.GetValidatedString() method, 173**
- CountryRegionValue.cs file, 162, 163**
- CQWP. See Content Query Web Part**
- crawl logs, 257**
- crawl rules, 242, 244, 257**
- crawl schedules, 257**
- Create, Read, Update, Delete (CRUD) admin pages, 387, 393, 401**

- Create User page, 300**
  - createAlphaTask\_MethodInvoking()**
    - method, 233
  - createBetaTask\_MethodInvoking()**
    - method, 233
  - CreateChildControls() method, 166–167**
    - rendering code in, 188
  - CreateEditorParts() method, 183, 191**
  - CreatePage.aspx, 95, 361, 366**
  - CRM (customer relationship management)**
    - system, 266, 389
  - Cross List Query Results Multiplier, 372**
  - cross-site groups, 13**
  - cross-site queries, 382–383**
  - CRUD (Create, Read, Update, Delete) admin pages, 387, 393, 401**
  - CSS (Cascading Style Sheets), 2, 4, 15, 21, 32, 60, 110, 112, 116, 124, 133, 192, 274, 323, 372, 373**
    - accessibility and, 147, 148, 149, 152, 153, 155
    - AlternateCssUrl, 85
    - classes, 140, 171, 272, 273, 278, 279, 290, 397
      - customizing, 278–279
    - issues, search and, 246–247
    - SharePoint-specific, 27, 70, 372
    - Style Library and, 101, 123, 278
    - trick, 275
  - current navigation, 10**
  - custom actions. See actions**
  - custom application development, 396–401**
    - ASRNET 2.0 and, 386–387
    - configuration options, 394–396
    - data storage options, 392–394
    - implementation plan
      - application pages, leveraging of, 392
      - provisioning site pages, 391–392
      - Web Parts, 390
    - MOSS and, 388–389
    - navigation (SharePoint) and, 396–397
    - permission levels in, 399–401
    - SPGridView, leveraging of, 397–399
    - WSS 3.0 and, 385, 387–388, 389–390, 401
  - custom code, .NET Framework and, 378**
  - Custom Commands (WCM), for STSADM.EXE, 94, 99**
  - Custom Filters, 198**
  - custom site provisioning engine, 76–77.**
    - See also site provisioning
  - CustomEditingMenu.xml, 284**
  - customer relationship management (CRM) system, 266, 389**
  - customized files, 31, 32–34, 38, 115**
    - SharePoint customization and, 34–35
    - SPFile.RevertContentStream() method and, 34
  - CustomMasterUrl, 111**
- ## D
- data elements, 99, 100, 101. See also site columns**
  - data storage options, 392–394**
    - external database, 394
    - lists, 392–393
  - database connection strings, 299, 300, 389, 394**
  - databases, 394. See also lists; SQL Server databases**
    - content. See content databases
    - tables, 100, 107, 392, 393, 394
    - lists v., 392–393
  - DDF file. See diamond directive file**
  - debugging**
    - in ASP NET 2.0, 37
    - document converters and, 358
    - F5, 37, 223
    - workflow templates, 239–240
    - in WSS 3.0, 37
  - Declarative Rule Condition, 235**
  - DefaultRenderingTemplate, 175**
  - DefaultTemplates.ascx, 164**
  - DelayLoadCoreJs.aspx, 377**
  - delegate controls, 54, 133–136**
    - creating, 134–136
    - registered by Feature, 134
    - scoping options, 54
    - server controls as, 135–136
  - deployment, content. See content deployment**
  - Deployment Options (setting), 332**
  - Design permission level, 13, 294**
  - Designers SharePoint group, 295**
  - Destination Central Administration Web Application (setting), 328**
  - Destination Web Application and Site Collection (setting), 329**

### **detail pages, 10**

### **DHTML, 42**

### **diamond directive file (DDF file), 63, 64, 121, 128**

for Chapter7Pages Feature, 121–122, 128–129

with solution manifest.xml, 64–65

### **disabilities**

interactive, 145, 146

visual, 145, 146

### **DisableBasicFormattingButtons, 274**

### **DisableCustomStyles, 274**

### **disk-based BLOB caching, 370, 372**

### **Display mode, 159, 161, 176**

### **display name, 90, 99**

### **DisplayPattern, 162**

### **disposable objects, 379–381**

try-catch-finally block and, 380, 381

using statements and, 381

### **Dispose() method, 379, 380, 381**

### **dll, SharePoint. See Microsoft.SharePoint.dll assembly**

### **DOCM files, 345, 352**

### **document converter framework, 345, 346, 367**

### **document converters, 43, 345–367**

application, creation of, 354–359

architecture, 347–349

configuration, 350–352

content types, 352

conversion priorities, 349

custom

creating, 353–359

deploying, 359–360

XML configuration file for, 356–357

debugging and, 358

Feature

creating, 359–360

element manifest, 364

InfoPath form to Web page, 353

Launcher service, 347, 348, 349, 350, 354, 358, 359, 366

Load Balance service, 347, 350

Main() method, 354, 355, 358

object model and, 352, 366–367

offline authoring with, 271, 345–367

out-of-the box, 352–353

Publishing pages created with, 349

scoping options, 54

settings in, 360–366

testing, 358

TransformXmlToHtml() method, 355, 356

user experience, 346–347

Word Document, 271, 352–353

Word Document with Macros to Web Page, 352–353

WriteHtmlBody() method, 355, 357

WriteHtmlStyles() method, 355, 356, 365–366

XML to Web page, 353

### **document libraries, 23, 36, 40, 41, 42, 43, 69, 70, 72, 83, 85, 86, 100**

lists as, 100

Master Page Gallery. See Master Page Gallery

Pages library. See Pages library

Web Part Gallery. See Web Part Gallery

### **Document Object Model (DOM), 153, 188**

### **document template, 95**

### **Documents library, 101**

### **documents library, 46, 101**

### **DocumentTemplates element, 81–82**

### **DOCX files, 43, 345, 352**

### **DOCX/DOCM to HTML document converter, 43, 352–353**

### **DOM (Document Object Model), 153, 188.**

See also WPSC

### **domain controllers, 347, 348, 350**

### **DooDads/widgets, 259, 260**

### **draft revisions, 100**

### **Dual Approvers workflow, 222–239**

ApprovalDecision enumeration, 234

createAlphaTask\_MethodInvoking() method, 233

createBetaTask\_MethodInvoking() method, 233

deploying, 236–238

element manifest for, 237–238

Feature definition for, 236–237

incorporating/testing, in Publishing site, 238–239

InfoPath forms, creating, 227–231

logToHistoryListActivity1\_MethodInvoking() method, 234

onWorkflowActivated1\_Invoked() method, 232

workflow template

adding code to, 232–236

debugging, 239–240  
 modeling of, 224–227

**dynamic master page tokens, 113**

## E

**ECB (Edit Control Block) menu, 72, 117, 269, 346**

**ECM (Enterprise Content Management) strategy, 345, 347**

**Edit Control Block (ECB) menu, 72, 117, 269, 346**

**Edit Mode Panels, 11, 16, 182–183**

**EditModePanel, 272**

**Editor Parts, 182**

custom, 183, 189, 191, 209  
 generic, 182, 189

**80–20 rule, 94, 99**

**electronic forms, 389, 401. See also Forms Services**

**element manifests, 54–55**

with branding files, 123  
 for Dual Approvers workflow, 237–238  
 list instance and, 105–106  
 provisioning CQWP definition, 208  
 provisioning CQWP rendering style sheet, 208  
 provisioning master page, 121  
 provisioning page layouts, 127–128  
 provisioning preview image, 119  
 using server controls in delegate control, 135–136  
 for WroxPublications list template, 104–105

**element types, 54**

**ElementFile element, 62–63**

**Embedded Resource, 174, 374**

**Empty Project template, 59, 118**

**empty results, 16, 243, 256, 259**

**EmptyMask, 292**

**EnsureChildControls() method, 167, 190**

**Enterprise Content Management (ECM) strategy, 345, 347**

**ERP system, 389**

**event receivers, 37, 52, 55–56, 67, 95, 100, 107, 386, 392, 393, 399**

checking for permission level, 400–401

**event registrations, scoping options, 54**

**Excel (Microsoft), 41, 81, 270, 393**

Services, 388  
 spreadsheets, 41

**ExecuteTask() method, 186**

**Export Server (setting), 326**

**extensibility. See also authoring experience extensibility**

MOSS, 269, 289  
 WSS 3.0, 269, 289

**extranets, 1, 369, 371**

## F

**F5 debugging, 37, 223**

**Faceted Search, 265**

**Farm scope, 53, 54**

**FBA. See forms–based authentication**

**Feature(s), 51–59. See also specific**

### Features

activation properties, 84–85, 86

activation/deactivation, 53, 57

with browser interface, 57

Feature receivers and, 55

with STSADM.EXE, 57

administration, 56–57

anatomy, 52–53

code reuse, 51, 67, 108

creating master pages with Visual Studio

and, 118–122, 133, 136

creating, with Visual Studio, 59

delegate control registered by, 134

dependencies, 57–58

element manifests, 54–55

element types, 54

events, 55

hidden, 57

installation/uninstallation, 52, 56–57

lists created with, 103–106

localization of, 315–317

overview, 51–59

schema, 54, 55

scope. See scope

site columns created with, 93–94

site-scoped, 83

stapling and. See Feature stapling; stapling

Features

visibility, 57

**Feature definition file, 54**

with activation dependency, 58

for Chapter7Pages Feature, 119, 129

with Feature receiver, 56

## Feature element(s)

---

### **Feature element(s), 84**

- manifest files, 35, 58, 362, 364
- site columns in, 93–94
- types, 54

### **Feature framework, 35, 52, 58, 67, 84, 388**

### **Feature manifest (Minimal Publishing Portal site definition), 87–88**

### **Feature receivers, 55–56**

- site provisioning v., 78

### **Feature stapling, 58, 74**

### **FeatureActivated event, 55–56**

### **FeatureDeactivating event, 55**

### **FeatureDeactivating() method, 396**

### **FeatureInstalled event, 55**

### **FEATURES folder, 52, 59, 66**

### **FeatureUninstalling event, 55**

### **Fiddler tool, 373, 376, 377**

### **fields, 4, 92**

### **field controls, 4, 10, 42, 46, 130–131, 157, 158, 209**

- custom, 6
- creating, 159–160, 164–170, 178
- creating (without custom field types), 173–176
- design-time rendering preview added to, 157, 170–172, 178
- implementing, in page layouts, 177–178
- HTML Editor, 273–279, 289, 290
- localization of, 313–315
- in page layouts, 10, 130–131
- Web Parts v., 130–131

### **field definitions. See site columns**

### **field type definition, 158**

- custom, creating, 160–162

### **field types, 157, 158**

- custom, 6
- creating, 160, 178
- custom field controls without, 173–176
- data validation (ASP.NET 2.0), 172
- data validation (server-side), 172–173

### **field values, 158**

- custom, creating, 162–163

### **Fields property, 92**

### **FieldTypeClass field, 162**

### **file definition, 32. See also uncustomized files**

### **File element, 86, 120**

- attributes in, 120

### **file extension pivots, 252–253**

### **file sets, 119, 120. See also Module element**

### **Firefox, 262, 279, 309**

### **five-part name, 162**

### **fldtypes[\_\*].xml, 161**

### **fldtypes\_wrox.xml, 158, 161, 162, 177**

### **forms, 6, 219–220. See also specific forms**

- electronic, 389, 401
- InfoPath, 26, 219–220, 389

### **Forms Services, 219, 229, 389, 401**

### **forms-based authentication (FBA), 297–302**

- database
  - connection string for, 299
  - creation of, 298
- providers
  - creation of, 298–300
  - membership, 301, 302
  - role, 299
  - SharePoint configuration and, 300–302
  - testing, 300
- SharePoint Web application, creation of, 297–298

### **Frequency (setting), 331, 332**

### **FrontPage (Microsoft), 29, 81. See also SharePoint Designer**

### **Full Control permission level, 13, 14, 294**

### **full trust, 30, 191**

### **FullMask.SPBasePermission, 292**

## G

### **GAC. See Global Assembly Cache**

### **garbage collector (GC), 212, 379**

### **GC (garbage collector), 212, 379**

### **GenSiteColumnsXml, 94**

### **GenSiteContentTypesXml, 99**

### **GetCachedListItemsByQuery() method, 142, 382**

### **GetCachedList() method, 142**

### **GetCachedSiteDataQuery() method, 143, 383**

### **GetChildNodes() method, 382**

### **GetDesignTimeHTML() method, 170, 175**

### **GetValidatedString() method, 173**

### **Ghostable, 120, 392**

### **GhostableInLibrary, 120, 392**

### **Global Assembly Cache (GAC), 30, 37, 55, 56, 59, 60, 61, 135, 158, 171, 192, 238, 285**

### **global navigation, 10**

**Global site definition, 100**

**Go to Site, 254–256**

**Grouping and Sorting, 198**

**groups, 14. See also specific groups**

cross-site, 13

online information, 14

Publishing Content Types, 96, 124

role provider, 13, 14, 297, 299, 301

SharePoint, 9, 13, 14, 293, 295

permission levels for, 295–296

site, 13

**GUIDs**

in content type IDs, 95, 96

site column, 61, 90

## H

**HeaderPattern, 162**

**Header.xsl file, 202, 203**

**hidden Feature, 57**

**hierarchical object store, 394, 395**

**Hierarchy Managers group, 295**

**high-memory usage, 379–380**

**HiSoftware, 154, 156. See also Accessibility Kit for SharePoint**

**history lists, 218**

**Hitchhiker's Guide to the Galaxy, 305**

**HTML**

DOCX/DOCM to HTML document converter, 43, 352–353

Table based, 152

XML to HTML document converter, 353

XSN to HTML document converter, 353

**HTML Editor field control, 273–279, 289, 290**

custom button callback functions, 276–277

custom buttons added to, 274–278

enabling/disabling buttons on, 273–274

**HTTP**

custom module, 112, 113

Fiddler tool, 373, 376, 377

handlers, 19, 20, 21, 27

Launcher/Load Balancer services and, 350

requests/responses, 373

SSL and, 322

workflow activities and, 214

**http://cdsource, 327**

**http://extranet, 297, 298, 300, 302**

**http://internet, 298, 300, 301, 302**

**HTTPS, 326, 350**

**HVU\_‘machine name’ account, 348, 350**

## I

**IDs**

content type, 95–96

site column, 61, 90

**IFilters, 243, 265**

**IIS (Internet Information Services), 374**

application pool, 37

compression, 374

ISAPI filter, 19, 20, 179, 369

SharePoint in, 21–22

virtual Web site, 47

Visual Studio and, 29

Web sites, 22, 24. See also Web applications

worker process isolation mode, 40

**iisreset.exe, 177**

**image library, 3, 12, 46**

**Images library, 101**

**Import Server (setting), 326**

**Improving Web Site Usability and Appeal (online resource), 17**

**in-browser search capability, 262**

**incremental content deployment, 323, 342–344**

**indexing, 242, 243, 257, 265, 267**

**infinite loop, 78, 79**

**InfoPath (Microsoft), 43, 81, 271**

form to Web page document converter, 271, 353

forms, 26, 219–220, 389

XSLT and, 353

.xsn files, 345, 346, 353

**information architecture, 7, 12, 13, 17**

**InitForm, 227, 228**

**InitFormSchema-generated class, 229–230**

**Inside Microsoft Windows SharePoint Services 3.0 (Pattison & Larson), 19, 220**

**installfeature, 52, 57**

**interactive disabilities, 145, 146**

**internal name, 90, 99**

**Internet Explorer, 154, 173, 200, 262, 263, 264, 279, 309**

**Internet Information Services. See IIS**

**intranets, 1, 241, 242, 243, 264, 298, 321, 369, 371**

**ISAPI filter, 19, 20, 179, 369**  
**IT bottleneck, 42**  
**Item, 94, 95**  
**ItemStyle.xml file, 203, 204, 205, 207**

## J

**JavaScript, 60, 148, 154, 274, 275, 374, 377**  
**jobs, 324–325**

- creating, 330–333
- running, 334–336

## K

**key performance indicators (KPIs), 11, 41**  
**keywords, 16, 243, 244, 257, 259**  
**Kitta, Todd, 215**  
**KPIs (key performance indicators), 11, 41**

## L

**labels, variation, 309**  
**language agility, 306, 307, 311, 314**  
**language packs**

- Server, 307
- Server Multiple, 307
- SharePoint, 307

**language-agile Features, 311–317**  
**Larson, Dan, 19, 220**  
**Launcher service, 347, 348, 349, 350, 354, 358, 359, 366**  
**\_layouts, 22, 112**  
**LCID (locale ID), 85, 307**  
**Limited Access permission level, 13, 294**  
**line of business (LOB) actions, 41, 42**  
**link depth, 258**  
**list(s), 5, 89, 100–107, 392–393. See also specific lists**

- accessing, via SharePoint API, 106–107
- creating, 102–106
  - via browser interface, 102
  - via code, 102–103
  - via Features, 103–106
- data storage with, 392–393
- document libraries as, 100
- folders in, 23
- large, working with, 393

- publishing, 100–101
- querying, 107
- RSS feeds and, 100, 393
- schemas, 94, 102, 103, 104, 105
- tables v., 392–393
- versioning capabilities, 100

**list columns, 90**  
**List Settings page, 25–26**  
**List Template Gallery, 100**  
**list templates, 23, 36, 51, 52**

- scoping options, 54

**List Type, 198**  
**ListTemplates element, 81**  
**Load Balance service, 347, 350**  
**LOB (line of business) actions, 41, 42**  
**locale ID (LCID), 85, 307**  
**localization**

- of Features, 315–317
- of field controls, 313–315
- resources at runtime for, 315
- of Web Parts, 313–315

**Lockdown Feature, 86, 303–304**  
**logToHistoryListActivity1\_MethodInvoking() method, 234**

## M

**Main() method, 354, 355, 358**  
**MakeCab.EXE utility, 63, 64, 65, 67. See also CAB files**  
**Manage Content Deployment Paths and Jobs page, 330, 332, 333, 334, 337**  
**Manage Hierarchy permission level, 13, 294**  
**Manage Keywords page, 259**  
**manifest.xml file, 61, 62. See also solution manifest.xml file**

- for Chapter7Pages Feature, 122

**Mann, David, 220**  
**Markup Validation Service, W3C, 151, 154**  
**Master Page Gallery, 46, 70, 76, 100, 110, 111, 117, 119, 120, 121, 122, 126, 128, 131, 136, 193, 208, 277, 280, 284, 285, 294, 295, 319**  
**Master Page Settings page, 111, 117, 319**  
**master pages, 4, 5, 27, 43, 46, 70, 109, 110–123**

- application, 112–113
- ASP.Net 2.0/SharePoint, 27
- content placeholders, 110, 114–115
- creating, 115–122
  - as templates, 133, 136
  - using SharePoint Designer, 116–118, 133, 136
  - using Visual Studio and Features, 118–122, 133, 136
- element manifest provisioning, 121
- minimal, 116
- mobile device sites, 319
- page layouts and, 70–71. *See also* page layouts
- preview images and, 117, 118
- site, 112
- tokens, 110, 113–114
- types of, 110–113
- in variation sites, 309
- MasterUrl, 111**
- masterurl/custom.master, 113**
- masterurl/default.master, 113**
- MCMS (Content Management Server 2002), 39–40, 212, 321, 340, 345**
- medium trust, 30, 375, 394**
- membership provider model, 28, 297, 387**
  - FBA, 301, 302
- META tags, 16, 378**
- metadata, 110, 242, 243, 244, 257, 258, 265**
- Metadata Property Mappings, 252, 257**
- MetaTagsGenerator, 16, 265, 378**
- microformats, 274, 275**
- Microsoft Cabinet SDK, 63**
- Microsoft Commerce Server, 42**
- Microsoft Content Management Server 2002.**
  - See* MCMS
- Microsoft Installer files (MSI files), 60**
- Microsoft Office SharePoint Designer.**
  - See* SharePoint Designer
- Microsoft Office SharePoint Server 2007.**
  - See* MOSS
- Microsoft Search Server 2008 Express (MSS), 266–267**
- Microsoft SQL Server databases. *See* SQL server databases**
- Microsoft Visual Studio. *See* Visual Studio**
- Microsoft.SharePoint namespace, 36–37, 171**
- Microsoft.SharePoint.dll assembly, 36, 171**
- Microsoft.SharePoint.Publishing namespace, 39, 47–49, 367**
- Microsoft.SharePoint.Publishing.**
  - Administration namespace, 337**
- Microsoft.SharePoint.Publishing.**
  - PublishingLayoutPage, 110**
- Microsoft.SharePoint.Publishing.**
  - PublishingPage, 47**
- Microsoft.SharePoint.Publishing.**
  - PublishingSite, 47**
- Microsoft.SharePoint.Publishing.**
  - PublishingWeb, 47**
- migration, content. *See* content migration API**
- minimal master pages, 116**
- Minimal Publishing Portal site definition, 69–88**
  - configurations, 79–80
    - hidden, 79
    - visible, 80
    - workflow, 80
  - Configurations element, 82
  - deploying, 88
  - Feature elements, 88
    - master page, 88
    - page layouts, 88
  - Feature manifest, 87–88
  - goal of, 74
  - lockdown Feature, 86
  - modules, 86–87
  - Navigation Feature, 86
  - ONET.XML file, 80–83
    - DocumentTemplates element, 81–82
    - NavBars element, 81
    - project element, 81
  - Publishing Feature, activation properties, 85
  - site provisioning, 76–79
  - SiteFeatures element, 83
  - solution package, 79
  - structure of, 79
  - testing, 88
  - WebFeatures element, 83–84
  - WEBTEMP file, 79–80
- minimal trust, 30**
- mobile device sites, 305, 318**
  - customizations, 318
  - master pages, 319

### **mobile device sites (continued)**

- page layouts, 319
- redirecting users of, 318
- variations for, 305, 318–319
  - creating, 318

### **Module element, 86–87, 119–120**

- attributes, 120
- in ONET.XML file, 86, 87

### **modules, 86–87**

### **More from This Site, 253–254**

### **MOSS (Microsoft Office SharePoint Server 2007), 40–42**

- custom application development and, 388–389
- ECM strategy, 345, 347
- editions, 41
- Enterprise Edition, 41
- extensibility, 269, 289. *See also* authoring experience extensibility
- features, 40–42
  - business forms, 41
  - collaboration, 41
  - content management, 41
  - portal, 41
- Internet Sites Edition, 41
- licensing, 41
- multilingual capabilities, 306
  - content, 306
  - user interface, 306
- .NET Framework and, 20, 21, 29, 152, 167
- Publishing Portal site definition. *See* Publishing Portal site definition
- Publishing sites. *See* Publishing sites
- SDK, 222
- search. *See* search
- Standard Edition, 41
- Telerik RadEditor Lite Editor control for, 154, 173, 174, 279, 290
- WCM in, 39–49

### **MOSS x32, 308**

### **MOSS x32 Service Pack 1, 308**

### **MOSS x64, 308**

### **MOSS x64 Service Pack 1, 308**

### **Mozilla-based browsers, 279**

### **MSBuild, 66–67, 88, 223**

### **MSI files (Microsoft Installer files), 60**

### **MSS (Microsoft Search Server 2008 Express), 266–267**

### **multilingual capabilities**

- content
  - ASP.NET, 306
  - MOSS, 306
  - SPS, 306
  - WSS, 306
- user interface
  - ASP.NET, 306
  - MOSS, 306
  - SPS, 306
  - WSS, 306

### **multilingual Web sites, 305–317**

- language packs, installing, 307–308
- language-agile Features in, 311–317
- localization
  - of Features, 315–317
  - of field controls, 313–315
  - resources at runtime for, 315
  - of Web Parts, 313–315
- variation-aware Web Parts, 311–313
- variations in, 308–310

### **My Sites, 15, 41, 297**

### **MyFirstFeature, 52, 53, 57, 58, 61, 62, 65, 66**

## **N**

### **Name and Description (setting), 328, 330, 331**

### **Name attribute, 120**

### **names, site column, 90–91**

- display, 90, 99
- internal, 90, 99

### **namespace**

- Microsoft.SharePoint, 36–37, 179
- Microsoft.SharePoint.Publishing, 39, 47–49, 367
- Microsoft.SharePoint.Publishing.Administration, 337
- namespace.type*, *Assembly*, *Version*, *Culture*, *PublicKeyToken*, **162**

### **NavBars element, 81**

### **navigation (ASP.NET 2.0/SharePoint), 6, 10, 27, 137–144**

- browser-based customizations, 138–139
- components, creating, 142
- current, 10
- custom applications and, 396–397
- customizing, 138–142

- custom actions and, 269–271
    - with SharePoint API, 141
  - global, 10
  - navigation providers, customizing, 140–141
  - page listings and, 10
  - performance/usability considerations, 142–144
  - PortalSiteMapProvider. *See* PortalSiteMapProvider
  - rendering controls, customizing, 139–140, 144
  - site map data sources, 138
    - customizing, 140
  - Site Navigation Settings page, 138, 141, 144
  - site structure and, 7–10
  - Table of Contents Web Part. *See* Table of Contents Web Part
- Navigation Feature, 74, 86**
- activation properties and, 86
- navigation provider model (ASP.NET 2.0), 137–138, 387**
- .NET Framework, 20, 21, 28, 132, 134, 191, 240**
- 3.5 release, 215, 222
  - ADO.NET, 143, 265, 383, 394, 397
  - CAS. *See* CAS
  - CLR, 212
  - custom code and, 378
  - disposable objects, 379–381
  - garbage collector, 212, 379
  - membership provider model. *See* membership provider model
  - MOSS and, 20, 21, 29, 152
  - MSBuild. *See* MSBuild
  - stack, 21
  - Visual Studio 2005 and, 215, 222
  - Visual Studio 2008 and, 222
  - WF. *See* Workflow Foundation, Windows
  - XSD.EXE tool, 229, 232
- News **site, 324, 327, 333, 336**
- ‘noise’ words, 261**
- Notification (setting), 332**
- NT Challenge Response dialog box, 297**
- NTLM (Windows authentication), 297**
- O**
- Object Cache Settings page, 372**
- object caching, 371–372**
- object model (document) . *See* DOM**
- object model (SharePoint), 9, 60, 90, 375**
- document converters and, 352, 366–367
  - navigation, 137, 138
  - PortalSiteMapProvider and, 143
- object relationship mapper (ORM), 310, 389**
- object store, hierarchical, 394, 395**
- objects, disposable. *See* disposable objects**
- Office applications. *See* Access; Excel; InfoPath; Outlook; PowerPoint; Word**
- ‘Office Server,’ 47**
- Office SharePoint Designer. *See* SharePoint Designer**
- Office SharePoint Server 2007. *See* MOSS Office SharePoint Server 2007 Administrators Companion (Microsoft Press, 2007), 47**
- Office Visio 2007, 224**
- offline authoring with document converters, 271, 345–367**
- OnBegin() method, 186**
- OnEnd() method, 186**
- OneNote, 81**
- ONET.XML file, 74, 75, 76, 78, 79, 80–83**
- Configurations element, 82
  - DocumentTemplates element, 81–82
  - Module element, 86, 87
  - NavBars element, 81
  - project element, 81
  - SiteFeatures element, 83
  - WebFeatures element, 83–84
- OnTimeout() method, 186**
- onWorkflowActivated1\_Invoked() method, 232**
- OpenSearch, 261–264**
- browsers and, 262
  - Search Center site and, 262–264
- operable (site design principle), 150**
- ORM (object relationship mapper), 310, 389**
- Outlook (Microsoft), 41, 199, 220, 221**
- output caching. *See* page output caching**
- P**
- page(s), 7, 8, 31–32. *See also* application pages; master pages; site pages**
- authoritative, 15–16, 258
  - detail, 10
  - Publishing. *See* Publishing pages
  - rendering process, 109–110
  - status. *See* status page

**page(s) (continued)**

types of, 31–32  
welcome, 10

**Page Editing Menu, 280, 281**

ConsoleAction class, 281  
items added to, 283–284

**Page Editing Toolbar (PET), 42, 280–289, 290**

console actions, 281–283, 284, 285  
customizations, 280–289  
deploying, 285–289  
sections of, 280

**page layouts, 4, 5, 10–11, 43, 46, 70, 109, 124–132, 136**

content types v., 11, 99  
creating, 124–129  
as templates, 133, 136  
using SPD, 125–126  
using Visual Studio and Features, 126–129  
element manifest provisioning, 127–128  
field controls added to, 10, 130–131  
custom, 177–178  
master pages and, 70–71. *See also* master pages  
mobile device sites, 319  
in Search Center with Tabs, 245–246  
in variation sites, 309  
Web Parts added to, 11, 130–133  
wireframes, 10, 11, 12, 16

**page output caching, 370–371**

**page payload, 152, 369, 372–378, 383**

**Page Status Bar, 280**

**PageAsyncTask class, 185**

**PageLayoutTemplate.aspx file, 70, 71, 73**

**Pages library, 7, 12, 70, 204, 238, 271, 352, 354**

**Pages list, 44, 46, 109, 110, 130, 170, 220, 238, 283, 310**

**PagesListUrl, 85**

**pain points, 40, 51, 67, 68, 279**

**Parallel Approvers workflow, 220, 238**

**ParentType field, 162**

**Path (setting), 331**

**Path attribute, 120**

**paths, 323–324**

creating, 328–330

**Pattison, Ted, 19, 220**

**payload. *See* page payload**

**PDB files, 37**

**.PDF file, 346, 353**

**perceivable (site design principle), 149**

**performance tips (Publishing sites), 369–383**

caching options, 370–372  
collections and, 381–382  
cross-site queries and, 382–383  
disposable objects and, 379–381  
page payload, limiting of, 152, 369, 372–378, 383

**permission levels, 13, 292–293, 399**

Approve, 13, 294  
Contribute, 13, 294  
creating, through code, 400  
in custom applications, 399–401  
Design, 13, 294  
event receiver checking for, 400–401  
Full Control, 13, 14, 294  
Limited Access, 13, 294  
Manage Hierarchy, 13, 294  
Read, 13, 294  
Restricted Read, 13, 14, 294  
roles as, 14, 292  
for SharePoint groups, 295–296

**permission rights, 291–292, 399**

**permissions, 8, 13–14**

list, 291, 292  
online information, 14  
personal, 291, 292  
site, 291, 292

**persistence service, 213**

**PET. *See* Page Editing Toolbar**

**PIDs (process IDs), 37**

**pivots, 250–253**

author, 251–252  
file extension, 252–253

**PlaceholderAdditionalPageHead, 114, 247**

**PlaceHolders (list), 114. *See also* content placeholders**

**PlaceholderTitleBreadcrumb placeholder, 114, 246**

**portal (MOSS feature area), 41**

**PortalSiteMapProvider, 140, 141, 142–143, 197, 382–383**

methods, 142–143, 382–383  
press releases selected with, 143

**PowerPoint (Microsoft), 81**

**Press Release content type, 96–97, 124**

Chapter7Pages project and, 125

**Preview Image property, 117, 122, 126**  
**preview images, 117**  
 element manifest provisioning, 119  
 master pages and, 117, 118  
**PRIME, 339**  
**Priority 1 checkpoints, 148, 149, 151, 153, 155**  
**Priority 2 checkpoints, 148, 149, 155**  
**Priority 3 checkpoints, 148, 149**  
 process IDs (PIDs), 37  
 profile provider, 297  
 project element, 81  
 provisioning site pages, 391–392  
 provisioning the file, 32  
**Publishing Content Types group, 96, 124**  
**Publishing Feature, 44, 57**  
**Publishing framework, 69, 70, 72, 76, 78, 83, 85, 86, 87**  
**Publishing Infrastructure Feature, 9, 74, 323, 324, 325, 335**  
 publishing lists, special, 100–101  
**Publishing pages, 46**  
 creating, 49  
 with document converters, 349  
 publishing, 49  
 setting properties, 49  
**Publishing Portal site definition, 69, 71–74, 88**  
 custom. See Minimal Publishing Portal site definition  
 limitations, 74, 88  
**Publishing Portal template, 44, 70, 72, 74, 154, 297, 373**  
 http://cdsource, 327  
 Search Center with Tabs site on, 245  
**Publishing Site template, 44, 220**  
**Publishing Site with Workflow template, 74, 220**  
**Publishing sites (MOSS), 44–47**  
 content types' role in, 99–100  
 creating, 48, 71–74. See also Minimal Publishing Portal site definition  
 Publishing Portal site definition  
 elements of, 70–71  
 enumerating, 47  
 key elements, 46  
 master pages. See master pages  
 performance tips, 152, 369–383, 383  
 security components, 293–295  
 site columns' role in, 99–100

versioning, 181  
 Web Parts in, 180–181  
 workflows in, 220–240

**PublishingLayouts Feature, 73, 74**  
**PublishingMinimal Feature, 80, 83**  
 scoped at site collection level, 83  
**PublishingPrerequisites Feature, 73, 88**  
**PublishingResources Feature, 73, 88, 95**  
**PublishingSite Feature, 73**  
**PublishingStapling Feature, 74**  
**PublishingWeb Feature, 57, 72**

## Q

**Query Scope, 198**  
 querying lists, 107  
**Quick Access Buttons, 280, 281**  
 buttons added to, 284–285  
**Quick Deploy jobs, 324–325**  
 leveraging, 337  
**Quick Deploy Users, 295, 324, 337**

## R

**RadEditor Lite Editor control for MOSS (Telerik), 154, 173, 174, 279, 290**  
**Read permission level, 13, 294**  
**Real World SharePoint 2007: Indispensable Experiences from 16 MOSS and WSS MVPs (Wrox, 2007), 181**  
**Really Simple Syndication feeds. See RSS feeds**  
**receivers. See event receivers; Feature receivers**  
**Redirect Page, 71**  
**Reflector tool, 171**  
**RegisterCoreJsIfAuthenticated server control, 376**  
**Rehabilitation Act. See United States Rehabilitation Act of 1973 Section 508**  
**relationship list, 310**  
**rendering controls, 158, 160, 165**  
 navigation, 139–140, 144  
**rendering piece, 137, 138**  
**rendering templates, 164, 165, 166, 167, 168, 170, 174, 175, 177**  
**RenderingTemplate, 158**  
**Render() method, 171**

**Reporting (setting), 327**  
**reports (search), 259**  
    Search Queries, 259  
    Search Results, 16, 259  
**resource files, 60**  
**resource manager, 306, 315**  
**Restrict Limited Access Feature, 303.**  
    See also Lockdown Feature  
**Restricted Read permission level, 13, 14, 294**  
**results, search. See search**  
**retractsolution, 63**  
**reusable content, 12, 42**  
**Reusable Content list, 12**  
**Rich Text Editor (RTE), 154**  
**RichEditField control, 173. See also Telerik**  
    RadEditor Lite MOSS Editor control  
**Roeder, Lutz, 171**  
**role provider groups, 13, 14, 297, 299, 301**  
**roles, as permission levels, 14, 292. See also**  
    permission levels  
**root content type, 94, 95**  
**root sites, 23. See also top-level sites**  
**RootWebOnly attribute, 80, 120**  
**Routing Workflows Feature, 220**  
**RSS (Really Simple Syndication) feeds,**  
    **11, 181**  
    lists and, 100, 393  
    Weather News Web Part and, 184, 185, 186,  
        187, 188, 194  
**RTE (Rich Text Editor), 154**  
**RTE2\_RegisterToolBarButton() JavaScript**  
    **function, 276**  
**runtime engine, WF, 212, 213, 216, 222, 240**

## S

**Safari, 279**  
**safe mode parser, 31, 192, 391, 392**  
**scheduling service, 213**  
**schema.xml file, 104, 105**  
**SCM (source control management) system,**  
    **35, 36, 200**  
**scope (Feature)**  
    Farm, 53, 54  
    Site (site collection level), 53, 54, 83, 84,  
        119  
    Web (site level), 53, 54, 83, 84  
    WebApplication, 53, 54

**Scope (setting), 331**  
**Scope, Query, 198**  
**scope rules, 15**  
**scopes, search, 15, 242, 243, 244, 256,**  
    **257, 258**  
**screen readers, 146, 147**  
**Scribner, Kenn, 215**  
**search, 41, 241–267, 388**  
    administration, 256–259  
    applications and  
        Internet Explorer, 264  
        Microsoft Word, 264  
    BDC integration with, 265–266  
    as business problem, 244  
    central administration, 258  
    configuration, 256–259  
    CSS issues and, 246–247  
    custom enhancements for, 265  
    in-browser search capability, 262–264  
    indexing and, 242, 243, 257, 265, 267  
    issues, 242  
    MSS and, 266–267  
    ‘noise’ word configuration, 261  
    OpenSearch capability, 261–264  
    planning for, 242–244  
        questions to ask, 242–243  
    reports, 259  
    results  
        configuration, 248–250  
        default columns in, 252  
        fields added to, 252  
        handling, 243  
        pivots and, 250–253  
        quantity v. quality, 242  
        removal, 257  
        server mapping of, 257  
        site location from, 254–256  
        XSLT and, 248, 251, 256, 267  
        zero/empty, 16, 243, 256, 259  
    site collection search settings, 258–259  
    thesaurus file configuration, 259–261  
    WCM and, 15–16  
**Search Action Links, 248**  
**Search Best Bets, 248**  
**Search Box Web Parts, 246, 247, 248**  
**Search Center, 244–256**  
    OpenSearch and, 262–264  
**Search Center and Custom Scopes page, 258**

- Search Center with Tabs, 244, 245**
  - creating, on Publishing Portal template, 245
  - page layouts in, 245–246
- Search Core Results Web Part, 248, 249, 250, 252, 253, 257**
- Search High Confidence Results, 248**
- Search Paging, 248**
- Search Queries Report, 259**
- Search Results Report, 16, 259**
- search scopes, 15, 242, 243, 244, 256, 257, 258**
- Search Server 2008 Express (MSS), 266–267**
- Search Statistics, 248**
- Search Summary, 248**
- search term stemming, 250**
- search–based alerts, 257**
- Section 508 (United States Rehabilitation Act of 1973), 147, 150–151, 156**
- securable objects, 292, 293**
- security (SharePoint), 291–296**
  - components, 291–295
    - Publishing sites, 293–295
  - permission levels. *See* permission levels
  - via SharePoint API, 295–296
- Security Information (setting), 330**
- Select Sites to Deploy option, 339**
- sequential workflows, 214, 221, 222**
- server controls, 28**
  - as delegate control, 135–136
  - with public properties, 135
- Server language packs, 307**
- server mapping, of search results, 257**
- Server Multiple language pack, 307**
- server name mappings, 257**
- .Set command, 64**
- Shared Services Providers. *See* SSPs**
- SharePoint. *See* MOSS; WSS 3.0**
- SharePoint 12 folder, 21, 52, 59, 60, 61, 112, 118**
- SharePoint API**
  - accessing lists via, 106–107
  - core, 36
  - creating customized page with, 33
  - navigation customization with, 141
  - security via, 295–296
- SharePoint collections. *See* collections**
- SharePoint Designer (SPD), 170**
  - master pages created with, 116–118, 133, 136
  - page layouts created with, 125–126
  - WYSIWYG interface, 29, 118, 126, 133
- SharePoint groups. *See* groups**
- SharePoint language packs, 307**
- SharePoint navigation. *See* navigation**
- SharePoint Portal Server (SPS) 2003, 73, 182, 184, 215**
  - multilingual capabilities, 306
  - content, 306
  - user interface, 306
- SharePoint themes, 112**
- SharePoint\_Publishing\_defaultformtemplates.ascx, 164**
- SimplePublishing property, 85, 86**
- ‘single master’ model, 322**
- single sign–on (SSO), 41**
- site(s) (SharePoint), 5, 7, 8. *See also* Publishing sites; Web sites**
  - accessibility in, 152–154
  - ASPNET Web Parts in, 191–192
  - components
    - ASPNET 2.0, 386–387
    - MOSS, 388–389
    - WSS 3.0, 387–388
  - customization, 34–35
  - customization v. development, 34–36
  - development, 35–36
  - elements. *See* content types; lists; site columns
  - high–memory usage and, 379–380
  - pages. *See* pages
  - structure, 7–10
    - navigation and, 7–10
  - top–level, 7, 8, 23
  - topology, 22–23
- Site Collection Documents, 101**
- Site Collection Images, 101**
- site collection level, scoping at, 53, 54, 83**
- site collections, 5, 7, 8, 9, 22, 23, 46**
  - boundaries, 9
  - search settings, 258–259
- site columns, 5, 90–94, 99–100**
  - creating, 91–94
    - via browser interface, 91–92
    - via code, 92–93
    - via Features, 93–94
  - data elements as, 99, 100, 101
  - GUIDs, 90

### **site columns (continued)**

- names, 90–91
  - display, 90, 99
  - internal, 90, 99
  - \_x0020\_ in, 90, 91–92, 107
- role, in Publishing sites, 99–100
- scoping options, 54
- Site Content Type Gallery, 94, 96, 97, 352**
- site definition Configuration elements, 74, 75, 76**
- site definitions, 5, 12, 75–76, 88**
  - custom. See Minimal Publishing Portal site definition
  - Global, 100
  - Publishing Portal. See Publishing Portal site definition
  - site templates v., 75–76
- site design principles**
  - conformance, 150
  - operable, 150
  - perceivable, 149
  - understandable, 150
- site groups, 13**
- site map, 7–10**
- site map data sources, 138, 140**
- Site Master Page, 111, 112, 117**
- Site Master Page Settings page, 111, 117, 319**
- site master pages, 112**
- Site Navigation Settings page, 138, 141, 144**
- site pages, 31**
  - application pages v., 392
- site provisioning, 76–79**
  - custom, 76–79
  - Feature receiver v., 78
- Site Settings page, 24–25**
- Site Template Gallery, 100**
- site templates, 12, 23, 75, 76**
  - site definitions v., 75–76
- Site Title property, 253**
- site variations. See variations**
- sitecollection/default.master, 114**
- site/default.master, 114**
- SiteFeatures element, 83**
  - with lockdown Feature, 86
- site-scoped, 53, 54, 83, 84, 119**
- SmartPart, 181**

- SME (subject matter experts), 146**
- solution framework, 51, 60, 62, 68**
- solution manifest, 61**
- solution manifest.xml file, 61**
  - assembly deployment with, 61
  - DDF file with, 64–65
  - Feature deployment with, 62
- solution packages (WSS), 4, 5–6, 59–67**
  - anatomy, 60–63
  - creating, 63–67
  - deployment process, 63
  - Minimal Publishing Portal site, 79
  - MSBuild and, 66–67, 88, 223
  - WSP files, 60, 61, 63, 64, 68, 88, 122, 129, 323, 388
- solution store, 24, 26, 60, 63, 65, 66, 88, 122, 129, 238**
- source control management (SCM) system, 35, 36, 200**
- Source Web Application and Site Collection (setting), 328**
- SPBasePermission, 282, 292, 295**
- SPContentType, 97**
- SPContentTypeCollection, 97**
- SPD. See SharePoint Designer**
- SPDocumentLibrary, 23, 36**
- special publishing lists, 100–101**
- SPFeatureReceiver, 55**
- SPField, 92, 98, 160**
- SPFieldCollection, 92**
- SPField.GetFieldValue() method, 163**
- SPField.GetValidatedString() method, 172**
- SPFieldLink, 98**
- SPFieldMultiColumn, 160, 162**
- SPFieldMultiColumnValue, 160, 162, 163**
- SPFile.RevertContentStream() method, 34**
- SPGridView, 396, 397–399**
- SPGroup, 37, 293, 295**
- SPList, 23, 36, 47, 102, 106, 381, 382**
- SPListItem, 23, 36, 47, 107, 130, 131, 382**
- SPPersistedObject, 395**
- SPQuery, 9, 37, 107, 142, 383**
- SPRoleAssignment object, 293, 295, 296**
- SPRoleDefinition, 293, 295**
- SPS. See SharePoint Portal Server 2003**
- SPSecurity.RunWithElevatedPrivileges() method, 394**

- SPSite**, 23, 36, 47, 53, 380
- SPUrl**, 123, 376
- SPVirtualPathProvider**, 20, 32
- SPWeb**, 23, 36, 47, 380. *See also* sites
- SPWebApplication**, 22
- SPWeb.ApplyWebTemplate()** method, 77, 78
- SPWebProvisioningProvider.Provision()** method, 77, 78
- SQL Server databases**, 23, 30, 36, 47, 213, 291, 304, 369, 392, 394
- SharePoint-specific, 23. *See also* content databases
- SSL**, 322
- SSO (single sign-on)**, 41
- SSPs (Shared Services Providers)**, 14, 15, 16, 39, 46–47, 256, 257, 258, 259, 323
- Application ID, 259
  - search scopes, 258. *See also* search scopes sections, 257
- stapling (Feature site template associations)**, 74
- scoping options, 54
- stapling Features**, 58–59
- state machine workflows**, 214, 221, 222
- static master page tokens**, 114
- status page**, 216, 218, 238, 239
- Step-by-Step Usability Guide (online resource)**, 17
- STP file**, 103. *See also* template file
- STSADM.EXE**, 26
- AC's WCM Custom Commands for, 94, 99
  - activate/deactivate Features, 57
  - extensibility, 26
  - GenSiteColumnsXml, 94
  - GenSiteContentTypesXml, 99
  - install/uninstall Features, 52, 57
  - retractsolution, 63
  - upgradesolution, 63
- Style Library**, 70, 73, 101, 123, 202, 247, 248, 278, 294, 295
- Style Resource Readers SharePoint group**, 295
- subject matter experts (SME)**, 146
- SubVersion**, 35, 200
- Summary Links Web Part**, 10, 73, 195, 196, 209
- supporting content**, 11–12
- SyncChanges()** method, 183, 190
- System content type**, 94, 95
- System Master Page**, 73, 111
- System.IDisposable interface**, 379
- ## T
- Table of Contents Web Part**, 73, 144, 195, 196, 197, 203, 209
- tables (database)**, 100, 107, 392, 393.
- See also* lists
  - lists v., 392–393
- targeting, user profiles and**, 14–15
- task lists**, 218
- TaskForm**, 230, 231
- Team Foundation System**, 35, 200
- Telerik RadEditor Lite MOSS Editor control**, 154, 173, 174, 279, 290
- template Configuration elements**, 74, 75, 76
- template element**, 74
- template file**, 32, 33, 34, 86, 103, 118, 370.
- See also* uncustomized files
- TemplateFiles element**, 62
- TemplateType attribute**, 106
- Temporary Files (setting)**, 326
- themes (SharePoint)**, 112
- thesaurus files**, 259–261
- thick clients**, 270, 345
- Tielens, Jan**, 181
- tokens (change)**, 342–343
- tokens (master page)**, 110, 113–114
- dynamic, 113
  - masterurl/custom.master, 113
  - masterurl/default.master, 113
  - sitecollection/default.master, 114
  - site/default.master, 114
  - static, 114
- top-level sites**, 7, 8, 23
- tracking service**, 213
- TransformXmlToHtml()** method, 355, 356
- triggers**, 100, 392. *See also* event receivers
- trunk**, 36
- trust**, 28, 60, 191, 194. *See also* code access security
- full, 30, 191
  - medium, 30, 375, 394
  - minimal, 30

**try-catch-finally block**, 380, 381  
**12 folder structure (SharePoint)**, 21, 52, 59, 60, 61, 112, 118  
[.]/12/TEMPLATE/XML folder, 158, 160, 161, 177  
**Type attribute**, 120  
**TypeDisplayName field**, 162  
**TypeName field**, 161  
**TypeShortDescription field**, 162

## U

**UAAG (User Agent Accessibility Guidelines)**, 147  
**uncustomized files**, 31, 32–34, 38, 115  
  SharePoint development and, 35–36  
  SPFile.RevertContentStream() method and, 34  
**underscore ( \_ )**, 133  
**understandable (site design principle)**, 150  
**uninstallfeature**, 57  
**United States Rehabilitation Act of 1973 Section 508**, 147, 150–151, 156  
**upgradesolution**, 63  
**up-scoping**, 243, 256  
**Url attribute**, 120  
**User Agent Accessibility Guidelines (UAAG)**, 147  
**user controls**, 28. *See also* ASCX files; rendering templates  
**User Information List**, 100  
**User Names (setting)**, 329  
**user profiles**, 14–15  
**UserCreatable field**, 162  
**using statements**, 232  
  disposable objects and, 381

## V

**validation controls**, 172  
**variation-aware Web Parts**, 311–313  
**VariationRootPageLayout.aspx**, 70, 71, 73  
**variations (site)**, 42, 44, 305, 307, 308–319  
  hierarchy, 308  
  home, 309  
  job, 310  
  labels, 309  
  master pages in, 309

  mobile device sites and, 305, 318–319  
  in multilingual Web sites, 308–310  
  Web Parts in, 310  
**View Scopes page**, 258  
**ViewFormPagesLockDown**, 86, 303  
**virtual path provider**, 20, 32  
**VisibleFeatureDependency**, 80  
**Visio 2007**, 224  
**visual disabilities**, 145, 146  
**Visual Source Safe**, 200  
**Visual Studio (Microsoft)**  
  2005 v. 2008, 222  
  Features created with, 59  
  IIS and, 29  
  master pages created with, 118–122, 133, 136  
  page layouts created with, 126–129  
  Team Foundation Server, 35  
  workflows created with, 215, 221–240  
**Visual Studio 2005 for .NET Framework 3.0 (VSeWWF)**, 215, 222  
**VSeWWF (Visual Studio 2005 for .NET Framework 3.0)**, 215, 222  
**\_vti\_bin**, 21

## W

**W3C (World Wide Web Consortium)**, 146–147  
  guidelines, 146  
  Markup Validation Service, 151, 154  
  recommendations, 147  
**w3wp.exe processes**, 37  
**WAI (Web Accessibility Initiative)**, 147  
**WCAG (Web Content Accessibility Guidelines)**  
  1.0, 147–149, 156  
    Checklist, 149  
    references, 149  
    Techniques document, 149  
  2.0, 149–150, 156  
    references, 150  
    site design principles, 149–150  
**WCM (Web Content Management)**, 1–17  
  ABCs of, 42–44  
  authentication options, 13–14  
  case scenarios, using, 7  
  designing/planning, 7–16  
  experience  
    authors/editors, 2–3

- designers/developers, 4–6
- extensibility, 5–6
- on Microsoft platform, 39–40
- search strategy, 15–16
- site structure/navigation, 7–10
- supporting content, 11–12
- user profiles/targeting, 14–15
- WCM Custom Commands, for STSADM.EXE, 94, 99**
- WCM in MOSS, 39–49**
- Weather News Web Part, 184–195**
  - definition file, 193
  - RSS feed, 184, 185, 186, 187, 188, 194
  - settings, public accessors for, 189
  - Web Part Gallery and, 193, 194, 195
- WeatherEditorPart class, 189–190**
- WeatherEditorPart.cs file, 189–190**
- WeatherWebPart class, asynchronous tasks, creating/executing, 187**
- WeatherWebPart.cs file, 184**
- Web Accessibility Initiative (WAI), 147**
- Web applications, 10, 22, 24**
- Web browsers. See Firefox; Internet Explorer; Safari**
- Web Content Accessibility Guidelines. See WCAG**
- Web Content Management. See WCM**
- Web front–end servers. See WFE servers**
- Web Part definition files (\* .webpart), 60**
- Web Part framework, 27, 28, 179, 191, 199, 208, 216, 386, 387**
- Web Part Gallery, 60, 73, 100, 130, 192, 193, 195, 200, 207, 315**
- Web Part Packager, 60**
- Web Part Page Services Component (WPSC), 153, 188**
- Web Part zones, 11, 179**
  - Web Parts added to, 180–181
- Web Parts, 6, 28, 43, 179–209. See also specific Web Parts**
  - advanced techniques, 182
  - ASRNET, 182
  - in SharePoint sites, 191–192
  - asynchronous programming techniques, 183
  - Content Query. See Content Query Web Part
  - creating, 181–195
  - deployment options, 192–195
  - Edit Mode Panels, 11, 16, 182–183
  - field controls v., 130–131
  - functionality and, 181
  - localization of, 313–315
  - in page layouts, 11, 130–133
  - in Publishing sites, 180–181
  - Summary Links. See Summary Links Web Part
  - Table of Contents. See Table of Contents
    - Web Part
  - variation–aware, 311–313
  - in variations, 310
  - Weather News. See Weather News Web Part
- Web sites. See also sites**
  - accessibility. See accessibility
  - content–centric, 74, 142, 145, 181, 294, 295, 304, 319, 369, 385, 388
  - designing, online resources, 17
  - multilingual, 305–317
- WebApplication scope, 53, 54**
- web.config file, 60, 61, 63, 68, 141, 177, 192, 285, 296, 298, 372, 391, 394**
- WebFeatures element, 83–84**
- Webmaster bottleneck, 2**
- .webpart, 60**
- Web–scoped, 53, 54, 83, 84**
- WEBTEMP file, 79–80**
- Welcome Page, 71, 382**
- welcome pages, 10**
- WelcomePageUrl, 85**
- WF. See Workflow Foundation, Windows**
- WFE (Web front–end) servers, 51, 60, 61, 302, 322**
  - memory footprint, reduction of, 369, 370, 371, 372, 383
- Widget Content Builder Feature, 196**
- Widget Product Page, 196**
- WidgetContentBuilder, 196, 204**
- Widgets, 196**
- widgets/DooDads, 259, 260**
- Windows authentication, 297. See also authentication**
- Windows SharePoint Services. See WSS**
- wireframes, 10, 11, 12, 16. See also page layouts**
- Word (Microsoft), 43, 81**
  - document converter, 271, 352–353
  - macros to Web page, 352–353
  - search and, 264
  - template, 95

### **WorkerTask class, 185–186**

setting/retrieving values in, 186

### **WorkerTask.cs file, 185**

### **WorkerTask.ExecuteTask() method, 186**

### **workflow(s), 43. See also specific workflows**

activities, 213, 214

creating, with SPD, 221

creating, with Visual Studio, 215, 221–240

required components, 222

custom, 6, 215

Dual Approvers, 222–239

forms added to, 219–220

instance, 213

in Publishing sites, 220–240

sequential, 214, 221, 222

state machine, 214, 221, 222

types of, 214

### **workflow association form, 219**

### **workflow associations, 217, 218**

### **Workflow Foundation, Windows (WF), 20, 211–240**

architecture, 212–213

books on, 215

online information, 215

overview, 211–215

runtime engine, 212, 213, 216, 222, 240

SharePoint leveraging of, 211, 215–240  
architecture, 216

forms added to workflows, 219–220

history lists, 218

task lists, 218

terminology, 216–218

terminology, 212–213

### **Workflow in the 2007 Microsoft Office System (Mann), 220**

### **workflow initiation form, 219**

### **workflow instances, 218**

### **workflow modification form, 219**

### **workflow task form, 219**

### **workflow templates, 217**

debugging, 239–240

Dual Approvers workflow. See Dual Approvers workflow

### **“Working with Large Lists in Office SharePoint Server 2007,” 393**

### **World Wide Web Consortium. See W3C**

**\_wpresources, 21, 22, 60, 61**

**WPSC (Web Part Page Services Component), 153, 188**

**WriteHtmlBody() method, 355, 357**

**WriteHtmlStyles() method, 355, 356, 365–366**

**WriteStyles() method, 365**

**WroxBookControl, added to page layout, 178**

**WroxBookControl.cs, 175–176**

**WroxPublications list template, 104, 105, 106**

**WroxTemplates.ascx, 174**

**WSP files, 60, 61, 63, 64, 68, 88, 122, 129, 323, 388. See also solution packages**

**WSS 2.0, 19, 20, 51**

**WSS (Windows SharePoint Services) 3.0, 19–38**

administration, 24–26

as application development platform, 385, 389–390, 401

architecture, 19–22

customization, 34–36, 38

development v., 34–36, 38, 133

debugging in. See debugging

designing/planning, 7–16

checklist, 16

development, 35–36

ASP.NET 2.0 development v., 27–31, 37

customization v., 34–36, 38, 133

extensibility, 269, 289. See also authoring  
experience extensibility

Features. See Features

multilingual capabilities, 306

content, 306

user interface, 306

navigation. See navigation

overview, 19–38

pages. See application pages; site pages  
SDK, 222

site topology, 22–23. See also sites

solution packages. See solution packages

**WSS x32, 308**

**WSS x32 Service Pack 1, 308**

**WSS x64, 308**

**WSS x64 Service Pack 1, 308**

**WYSIWYG interface, 29, 118, 126, 133**

**X**

**\_x0020\_**, 90, 91–92, 107

**XFN (XHTML Friends Network)**, 274, 275

button, 275, 277, 278

links, 275

microformat, 274, 275

**XHTML**, 148, 151, 275

**XHTML Friends Network (XFN)**. See XFN

**XML configuration file, for document converter**, 356–357

**XML to HTML document converter**, 353

**XmlToHtmlConverterSettings.ascx** admin settings control, 362–363

**XmlToHtmlConverterSettings.cs** settings control code-behind, 363–364

**XPS file**, 353

**XSD.EXE tool**, 229, 232

**XSLT**

InfoPath and, 353

search results and, 248, 251, 256, 267

style sheets, 6, 70, 73, 195, 345

**.xsn files**, 345, 346, 353

**XSN to HTML document converter**, 353

**Z**

**zero results**, 16, 243, 256, 259

**zones, Web Part**. See Web Part zones

