

Index

SYMBOLS

- % (percent) wildcard, using in searches, 135
- * (asterisk) wildcard, using in searches, 135
- _ (underscore) wildcard, using in searches, 135

A

- Access Denied** exception, explanation of, 157
- accounts, creating**, 37, 131–132
- Actions menu, adding options to**, 137
- ActivePostsThreadRepeater** control, editing for sidebar, 92
- Activity Report, adding to `NavBar.config`**, 168
- ad revenue, configuring sites for generation of**, 69–70
- add option, using with `CSModules` section**, 184
- Add/Remove Roles** menu item, accessing, 145
- admin user account, signing in as**, 36–37
- Administration link, changing settings from**, 108
- administrator roles, types of**, 143
- AdPart** control, description of, 89
- ads, enabling with Google AdSense**, 39–40
- album, creating in photo gallery**, 58
- alpha releases, avoiding for modules**, 202
- AlphaPicker** control, description of, 89
- announcements, displaying in dashboard screen**, 108
- anonymous posts, security option for**, 49–50
- anonymous user settings, overview of**, 138–139
- APIs in Community Server, use of**, 224
- ApplicationConfiguration** base class, creating configuration sections with, 188–190
- ApplicationKey** identifier, description of, 224
- applications**
 - availability in Community Server, 164
 - disabling, 65
 - identifying sections in, 224
 - refreshing to troubleshoot installation, 32
- Applications setting, description of**, 129

- application-specific URLs, APIs available to**, 246
- ApplicationType** of Application Configuration class, importance of, 190
- ArrayList**, getting for queued emails, 250–251
- ASP.NET, configuration of**, 173–174
- ASP.NET Forms Authentication Module, features of**, 294
- ASP.NET Membership tables, installation of**, 18, 26
- ASP.NET sections**
 - Community Server SQL Membership Provider, 175–176
 - Membership section, 175
- aspnet_* database tables, descriptions of**, 264–269
- assemblies, changing core assemblies**, 208
- asterisk (*) wildcard, using in searches**, 135
- attachments, types of**, 239
- Attachments tab, configuring for forums**, 126
- <AttachmentSettings>** tag, using with forums, 183
- authentication, options for**, 37
- authentication modules, 293–294**
- <authorization>** section, using with directory-level `web.config` files, 191
- avatar settings, using**, 139

B

- backing up, performing prior to upgrades**, 32
- BaseBlogControl** class, inheriting user control from, 261
- BBC, adding feed from**, 60
- bcr** content region, using with `LayoutTemplate` for blog theme, 95
- bcr** section of `Master.ascx`, description of, 73–74
- bhcr** content region, using with `LayoutTemplate` for blog theme, 95
- bin** folder, contents of, 17
- Blog Activity Report, using**, 160–161

blog application, description of, 5

blog application key, determining, 66

blog content, authoring, 44–45

blog Control Panel. See also Control Panel

abbreviating links in, 116

blog groups in, 112

creating blogs in, 109

creating posts in, 110–111

creating snippets in, 116

global settings in, 115

managing comments in, 113–114

managing list content in, 116

modifying default settings in, 112–113

modifying existing entries in, 111

tweaking presentation of, 114–115

blog groups, features of, 41, 112

blog permissions, managing, 146–147

blog post page, options on, 42

blog posts. See also posts

changing content of, 111

creating, 110–111

tools for, 110

blog theme sidebar, adding control to, 238

blog themes

deploying, 98–99

editing `LayoutTemplate` file for, 94–96

editing `style.css` for, 96–98

overriding `BlogPostHeader` class with, 80

packaging for distribution, 99–100

saving PNG images of, 99

using, 99

using colors in, 98

using existing template with, 94

BlogActivityReport.aspx page, using for Custom Report, 167

BlogAdmin.web.conf file, 191

BlogControlPanelMaster master page, description of, 76

blog.css file, location of, 79

"##blogdirectory##" transformer, editing, 67

blogging at the root, 66–68

BlogJet, downloading, 44, 110

BlogMaster.ascx file, defining, 76, 95, 186

BlogPostHeader class code, 79–80

blogs

accessing `SectionID` for, 261

case study, 45–46

Community Server Daily News, 45–46

configuring sites for hosting of, 64

creating, 41, 109

creating posts in, 110–111

enabling, 109

features of, 40–41

listing recent feedback comments for, 233–239

managing, 109

managing comments in, 113–114

modifying default settings for, 112–113

preventing viewing of, 138

tweaking presentation of, 114–115

URLs for, 297–298

using, 43–44

using default theme with, 114

using global settings with, 115

writing content to, 41–43

Blog-Sidebar.ascx control, editing, 238

blog-specific styles, editing, 79–80

bugs

versus features, 209–210

fixing, 211–212

identifying, 209–210

reporting, 208, 210–211

bulk import feature, using with photo gallery Control Panel, 119

C

caffeine.htm file, 100

caffeine-molecule.gif, location of, 96

CalculateSpamScore method, using with Spam Rules, 258

Cascading Style Sheets (CSS), resource for, 115

Chameleon engine

description of, 6

features of, 72

Chiwis, using with photos, 119

classes, naming precedence of, 80

ClientScriptLocation setting, description of, 178

CNN, adding feed from, 60

code, changing, 208

code changes, tracking, 208

code samples

`ActivePostsThreadRepeater` control edited for sidebar, 92

`ApplicationConfiguration` base class, 189–190

application-specific URLs, 246

blog presentation modifications, 114–115

blog theme sidebar control, 238

`BlogAdmin.web.conf` file, 191

`BlogMaster.ascx`, 95, 186

`BlogPostHeader` class, 79

`caffeine.htm` file, 100

color scheme style updates, 87–88

column added to `cs_Messages` table, 272

columns for Custom Report, 170

core code improvements, 213

`cs_EmailTemplates` table, 273

`CSConfiguration` class, 252

`CSEException` class, 250

`CSEException` event relative to module, 199

`CSJobs` module, 256

`CSModule`, 253–254

directional plugin for RTL (right-to-left) typing, 289–290

`Emails.UserCreate` method, 250

- EventLogEntry class, 248
- ExceptionNotification module in
 - communityserver.config, 198
- footer edit, 84
- ForumThreadQuery, 232
- GalleryFlickrProvider, 218–219
- GalleryThreadQuery, 232
- GalleryUrlsProvider class, 216
- GetConfigSection method, 252
- getFeedbacks function, 233–238
- GetLanguageCharsets function, 286
- GetMessage method, 287
- GetTemplate method, 287
- global URL properties and string functions, 246
- ICSModule implementation, 199
- Languages.xml file, 278–279
- LayoutTemplate file, 94–95
- link added to dashboard page, 107
- master-page markup, 75
- MPCContent control, 74
- Persian Main Navigation section, 281
- Post object, 230
- PostAttachment class, 240
- Query classes, 232
- resource file entries, 282–283
- Resources.xml file with custom text, 283
- Role class, 245
- RTL (right-to-left) display for sidebar content items, 288–289
- SetupNavBar.config blogs menu, 192
- shortcut for link in dashboard, 107–108
- sidebar placed on left side of screen, 92
- SiteUrlsProvider class, 214–215
- skin file, 84
- Spam Rule, 258–259
- SQL to test
 - cs_FileGalleryActivityReport_Get Stored Procedure, 164–167
- SqlEmailTemplateProvider class, 273–274
- stored procedure, 271
- stored procedure for Custom Report, 163–164
- stored procedure for email template provider, 273
- style.css edited for blog theme, 97–98
- tinyMCE editor localization, 287
- user control markup, 261
- User object, 244
- UserQuery, 244
- web form in CommunityServer.CustomReports project, 168–170
- WeblogPosts static methods, 232
- CollapsibleArea **control, description of, 89**
- color scheme, changing default for, 87–89**
- colors, using in blog themes, 98**
- column, adding to cs_Messages table, 271–272**
- comments**
 - listing for blogs, 233–239
 - managing in blogs, 113–114
 - reviewing in photo gallery Control Panel, 118
- commercial add-ons**
 - Enterprise Search, 294
 - FTP Server, 295
 - Mail Gateway (SMTP), 295
 - News Gateway (NNTP), 295
 - for Single Sign-on Authentication, 293–294
- CommonBodyTable, **using with master pages, 73**
- common.css file
 - editing color scheme in, 87
 - editing for footers, 83
 - editing to override default styles, 81
- CommonTitleBarDescription class, **overriding styles with, 81**
- communities**
 - considering sizes of, 68–69
 - creating, 26–27
 - creating for manual installation, 29
 - implementing small to medium-sized communities, 68–69
- Community Server**
 - applications available in, 164
 - blogging application in, 5
 - contributing to improvements in, 208
 - database schema in, 18
 - documentation for, 297
 - downloading, 16
 - feature matrix of, 7–8
 - features of, 3–4
 - file galleries in, 5
 - folder structure of, 17–18
 - forums application in, 5
 - future of, 11
 - Hosted Edition of, 15
 - licensing, 8
 - photo galleries in, 5
 - previous versions of, 4–5
 - SDK Installation Guide web address, 298
 - shared hosting of, 15–16
 - site list web address, 298
 - software requirements for, 14–15
 - standard application settings, 178
 - system requirements for, 13–14
 - Telligent Systems' role in, 4
 - upgrading from previous versions, 32–33
 - version 1.1 of, 5
 - version 3.0, 6
 - web site, 7, 16, 30
- Community Server 3.0, difference between earlier versions, 72**
- Community Server Daily News, 45–46**
- Community Server editions**
 - Enterprise Edition, 7, 10
 - Express Edition, 7, 9
 - obtaining, 8
 - Professional Edition, 7
 - Standard Edition, 7, 10
- CommunityServer **paths, removing application key from, 67**

CommunityServer-AutoLoginCookie, **using, 138**
CommunityServer.config **file. See also configuration options**

- core options for, 179–181
- gallery section of, 181
- location of, 66
- markup section of, 181
- purpose of, 173

CommunityServer.CustomReports **project, creating web form in, 168**

CommunityServer-UserCookie, **using, 138**

ComponentArt **grid control, including in Custom Report, 170**

ConfigSection of ApplicationConfiguration **class, importance of, 190**

configuration files

- accessing documentation for, 173
- directory-level web.config files, 191
- getting latest copy of, 187
- making changes to, 186–187
- SetupNavBar.config file, 192–193
- Tabs.config, 191–192

configuration options. See also

- CommunityServer.config **file**
- for ASPNET sections, 174–178
- for CSModules section, 184–185
- for file galleries, 183–184
- for forums, 183
- for jobs section, 185
- for Reader, 184
- in weblog section, 182–183

configuration recommendation, 14

configuration sections

- creating, 188–190
- identifying in Community Server applications, 224

configuration settings, storage in XML format, 190

configurations

- applying to CSModules, 253
- classes for, 252

content

- changing, 38–39
- changing for blog posts, 111
- managing in photo gallery Control Panel, 118–119
- removing from sidebar, 92–93
- writing to blogs, 41–43

Content Management tool, availability of, 38

content placeholder, using MPRRegion control as, 74

ContentContainer **class, location of, 74**

ContentPart **control, using, 39, 89**

context, relationship to roles and permissions, 141

Control Panel, 17. See also blog Control Panel; file gallery Control Panel; photo gallery Control Panel

- accessing, 105–106
- accessing Exceptions Report in, 156
- adding pages to, 260–261
- adding user controls to, 260–261
- changing presentation of pages in, 78
- displaying in Control Panel, 192
- displaying links in, 192

- linking to, 106
- locating settings in, 108
- options in, 106–108
- organizational structure of, 108–109
- task divisions in, 108

controlpanel.css **file, duplicate styles in, 80**

ControlPanelMaster **master page, description of, 76**

ControlPanelModalMaster **master page, description of, 76**

controls. See also themes

- descriptions of, 89–91
- implicit data binding support for, 100
- modifying look of custom controls, 91–93

Cookie Authentication Module, features of, 294

cookies, using, 138

core assemblies, changing, 208

core code, 207–208

- changing to implement improvements, 213–214
- extending to implement improvements, 214–216

Create Directories setting, using with blogs, 112

Create Poll permission, using with forums, 151

CS Localization Ultra, translating with, 281

cs_* database tables, descriptions of, 264–269

CSConfiguration **class, using, 252**

CSContext **object**

- methods for, 227
- properties for, 225–227

CSContext.Current, **advisory about, 227**

CSEventArgs **object, using with event handlers, 253, 255**

CSException **class**

- code sample, 250
- constructors for, 249
- properties for, 249

CSException **event relative to module, 199**

CSExceptionType **enumerator, viewing, 156**

CSJobs **module, code snippet, 256**

csm_EmailIds **database table, description of, 269**

csm_MailingLists **database table, description of, 269**

CSModules, **203–204. See also modules**

- applying configurations and sending parameters to, 253
- code sample, 253–254

CSModules **section, configuration options for, 184–185**

CSS (Cascading Style Sheets), resource for, 115

CSS validation service web address, 85

custom controls

- for listing recent feedback comments for blogs, 233–239
- modifying look of, 91–93

custom modules, writing, 223

custom pages, adding, 187

custom providers. See also providers

- benefit of, 216
- creating, 217–218

Custom Reports. See also reports

- creating, 162–167
- integrating, 167–170

customcss.ashx **gallery theme, using with photos, 119**

CustomProviders **project**
 completing and testing, 275
 using GalleryUrlsProvider in, 216

D

dashboard

adding links to, 107
 displaying announcements in, 108
 features of, 106

data, storing and retrieving with extended properties, 231

data binding, support for controls, 100

data providers. See providers

Database Connection Failed error message, 22

database connection issues, troubleshooting, 34

database schema

corruption of, 269
 description of, 18
 updating prior to upgrades, 33

database server

configuring connection for remote server, 25–26
 configuring for local installation, 19–20
 requirements for, 15
 setting up, 22

database tables, descriptions of, 264–269. See also tables

databases

creating for Community Server, 25
 upgrading, 269

Date and Time settings, description of, 129

DatePickerToggle **control, description of, 89**

Debug **event, description of, 247**

debugging, enabling for projects, 32

default theme, description of, 72

defaultApplicationKey

determining, 66
 removing from CommunityServer paths, 67
 using, 67

default.aspx **page**

editing for dashboard links, 107
 making sidebar edits in, 92
 source code generated from, 73

Delete permission, using with forums, 151

development community, joining and working with, 209

development environment installations

IIS, 30
 Visual Studio 2005, 30
 webdev.websvr and database, 30–31

directional plugin, adding for RTL (right-to-left) typing, 289–290

Directory Listing Not Allowed error, troubleshooting, 33

directory-level web.config files, 191

Disable Applications screen, displaying, 65

DisplayUserWelcome **control, description of, 89**

distribution

packaging blog themes for, 99–100
 packaging translations for, 290–291

DLLs, examples of, 224

DOM, examining, 78

Download permission, using with file gallery, 149

E

Edit Others permission, using with forums, 151

Edit permission, using with forums, 151

Editing tab, configuring for forums, 126

editions. See Community Server editions

Editor **control, description of, 89**

Editor **role, description of, 142**

editors, choosing for stylesheets, 78–79. *See also* WYSIWYG editor

Email settings, description of, 129

email template provider, creating, 272–275

Email Unable to Send exception, explanation of, 157

EmailQueueProvider, **using, 251**

emails

localization of, 285
 sending, 250–251

Emails.UserCreate **method, 250**

EmailTemplateProvider, **replacing, 275**

English language pack, folder structure of, 279–280

Enterprise Edition, feature matrix for, 7–8, 10

Enterprise Search add-on, features of, 294. See also searches

en-US **folder, subfolders in, 280**

Error **event, description of, 247**

error messages. See also troubleshooting installation issues

changing, 157

Database Connection Failed, 22

Directory Listing Not Allowed, 33

Prompt for Credentials When Accessing Site, 33

SiteUrls Configuration Error, 34

errors. See exceptions

event handlers, using with CSModules, 253

EventLogEntry **class**

code sample, 248
 properties for, 247

event-logging system, description of, 247

EventLogs **namespace, static methods for, 247**

events

subscribing to for modules, 199–201
 types of, 247

EventType **enumerator, event types represented as, 247**

Everyone **role**

controlling rights for anonymous users with, 138
 description of, 142
 setting for custom page, 187

exception messages, changing, 157–158

Exception Notification module example, 205–206

exceptions

- definition of, 155
- learning about use of, 156
- logging, 249–250
- managing, 157–158
- relationship to modules, 199
- types of, 157

Exceptions Report

- accessing in Control Panel, 156
- feature versus bug in, 209–210
- managing, 158

EXIF data, viewing for images, 56

Express Edition, feature matrix for, 7–8

F

Faq control, description of, 89

features

- versus bugs, 209–210
- creating providers for, 216–220
- improving, 212–216

feeds. *See also* RSS feeds

- importing and exporting, 127
- managing with Reader, 127
- using Manage Access setting with, 127

file attachments, including in forum posts, 126

file galleries

- configuration options for, 183
- considerations for, 64
- creating, 51–52
- enabling FTP tools for, 54
- generating reports for, 54
- limitations of, 55
- uploading and publishing files to, 52–54
- using, 54

file galleries application, description of, 5

file galleries Control Panel. *See also* Control Panel

- adding files in, 121
- creating folders in, 120–121
- editing files in, 122

File Gallery Activity Report, purpose of, 162–163

file gallery permissions, managing, 149–150

File Not Found exception, explanation of, 157

file publication, controlling for file gallery, 53–54

`FileControlPanelMaster` **master page, description of, 77**

`FileGalleryActivityReport.aspx` **web form, creating, 168**

`FileGalleryMaster` **master page, description of, 77**
files

- extracting, 17
- organizing, 77–78
- updating prior to upgrades, 33

`files` **subfolder of Themes folder, contents of, 78**

`Files_Downloads` **database table, description of, 269**

Find People option, searching for users with, 135

Firefox, web developer toolbar for, 78

folders

- creating in file galleries Control Panel, 120–121
- structure of, 17–18

`Footer` **control, description of, 89**

footers, changing, 83–84

forum Control Panel

- Attachments tab in, 126
- creating forums in, 123
- Duplicates & Flooding tab in, 126
- Editing tab in, 126
- general tab in, 126
- managing ranks in, 124–125
- Popular Posts tab in, 125–126

forum permissions, managing, 150–153

Forum Post Activity Report, using, 162

forum posts. *See also* posts

- continuing, 48
- controlling number of, 126
- creating, 47–48, 124
- preventing duplicates of, 47
- security options for anonymous posts, 49–50

forum topics, posting replies to, 48–49

`ForumExceptionType.cs` **file, contents of, 158**

`ForumMaster` **master page, description of, 77**

forums

- ad revenue generation, 70
- case study, 51
- configuration options for, 183
- contributing knowledge to, 221
- for contributing to knowledge base, 208
- creating, 46–47
- creating posts in, 47–48
- features of, 46
- getting help from, 34
- international forums, 275
- managing threads in, 47–48
- personas of participants in, 50
- point system for, 50–51
- posting to, 47–50
- preventing duplicate posts in, 47
- reporting bugs to, 208
- using, 50
- verifying, 138

forums application, description of, 5

`Forums` **subfolder of Themes folder, contents of, 78**

`ForumThreadQuery` **code snippet, 232**

FTP, deploying blog themes with, 98–99

FTP Server add-on, features of, 295

FTP tools, enabling for file galleries, 54

functions. *See* methods

G

galleries, preventing viewing of, 138

`Galleries` **subfolder of Themes folder, contents of, 78**

gallery **section of CommunityServer.config file, explanation of, 181**

`GalleryControlPanelMaster` **master page, description of, 77**

GalleryDataProvider, **creating**, 218
 GalleryFlickrProvider **code sample**, 218–219
 GalleryMaster **master page**, **description of**, 77
 GalleryThreadQuery **code snippet**, 232
 GalleryUrlsProvider, **using**, 216–217
 GalleryUrlsProvider **class**, 216
gender, **enabling or disabling**, 137
General tab, **configuring for forums**, 126
 GenericControl **control**, **description of**, 90
 GetAvailableSettings **method**, **using with Spam Rules**, 258
 GetConfigSection **method**
 code samples, 252
 using with CSConfiguration class, 252
 GetExtendedProperty **core method**, **using**, 231
 getFeedbacks **function**, **using with blog**, 233–238
 GetIncomprehensiblePostBody **function**, **using in localization**, 287
 GetLanguageCharSets **function**, **using**, 286
 GetMessage **method**, **using for localization**, 286–287
 GetString **method**, **using for localization**, 286
 GetSupportedLanguages **function**, **using for localization**, 286
 GetTemplate **method**
 using for localization, 287
 using with EmailTemplateProvider, 275
GIF images, **using**, 86
Global Account Profile Settings, **options for**, 137
global settings, 128
 in forum Control Panel, 125–126
 using with blogs, 115
global URLs, **APIs available to**, 246
Google AdSense, **enabling**, 39–40
GUID, **identifying roles with**, 244

H

hard-disk space requirement, 13
hardware, **optimizing**, 68
 Head **control**
 description of, 90
 using with blog themes, 96
 head **tag**, **inserting data into**, 128
header section, **contents of**, 35–36
headers
 changing, 80–83
 classes used with, 82
 editing presentation of, 79–80
 left and right area styles for, 82
help, **resources for**, 34
home page
 areas of, 35–36
 considerations for, 64
 generating main section of, 74
 HomeMaster **master page**, **description of**, 77
Hosted Edition, **features of**, 15
hosting resources, 15
hosts, **optimizing with dedicated hosts**, 68

I

ICSModule **interface**, **implementing**, 199, 253
 id **attribute**, **using with MPCContent control**, 74
IDs, **enhancements relative to themes**, 100
IIS, **configuring**, 29–30
image gallery, **description of**, 55
images. *See also photos*
 customizing, 86
 formats for, 86
 monitoring with RSS feed, 56
 organizing, 86
 viewing EXIF data for, 56
 Images **subfolder of Themes folder**, **contents of**, 78
indexes, **tuning for optimization**, 69
 Information **event**, **description of**, 247
 Init() **method**, **using with ICSModule interface**, 253–254
 Initialize **method**, **overriding for Application-Configuration base class**, 190
Ink permission
 using with blogs, 146
 using with forums, 151
inline content, **editing**, 38
 InlineContentPart **control**, **description of**, 90
installation
 of commercial add-ons, 293
 of development environments, 30–32
 of modules, 202–204
 performing locally, 19–23
 performing manually, 28–30
 preparing for, 16–19
 on remote server, 23–28
 troubleshooting, 33–34
 Installer **folder**, **contents of**, 18
international forums, **web resource for**, 275
Internet Explorer 6, **creating stylesheet for**, 85–86
Invalid User Credentials exception, **explanation of**, 157
IP Address Tracking setting, **description of**, 129
 IsActive **field**, **storing in Application-Configuration base class**, 189–190

J

Jobs Report, **using**, 158–159, 257
JPEG images, **using**, 86

K

key value collections, **providing with appSetting section of ASP.NET**, 178
knowledge base, **contributing to**, 208, 221

L

language **elements**, **attributes of**, 279
language packs, **accessing online documentation for**, 287
languages, **RTL (right-to-left) languages**, 288–290
 Languages **folder**, **contents of**, 18, 278

Languages.xml **code sample, 278–279**

LastModifiedInterval **option, using with Reader, 184**

LayoutTemplate **file, editing for blog themes, 94–96**

lcr **section of Master.ascx, description of, 73–74**

license, purchasing for Community Server, 8

LineButtonPager **control, description of, 90**

links

abbreviating in blog Control Panel, 116

adding, 187

adding to dashboard page, 107

changing text and target of, 188

controlling display of, 191–192

naming, 187

text definitions for, 107

list content, managing, 116

LiteralOrLink **control, description of, 90**

Local Attach permission, using with forums, 151

Local **attachment, description of, 239**

Local Files permission, using with file gallery, 149

local IIS, **creating virtual directory in, 29–30**

localization

of emails, 285

of messages, 284

resource APIs for, 286–287

role of translation in, 278

using WYSIWYG editor for, 287–288

localization data, storage of, 278

localization files, sharing, 291

Log() **method, using with exceptions, 249–250**

login **preference, controlling, 138**

logo **image, removing default for, 81**

Logout **control, description of, 90**

M

machine.config **file, role in ASP.NET, 173**

MachineValidationMode **setting, description of, 178**

Mail Gateway (SMTP) **add-on, features of, 295**

main content, description of, 36

malicious users, safeguarding sites from, 181

Manage Content permission

using with blogs, 146

using with photo gallery, 148

Mark as Answer permission, using with forums, 151

Master **master page, description of, 77**

master pages

availability of, 76–77

creating, 74–76

default master page, 73–74

description of, 72–73

location of, 74

saving, 75

Masters **subfolder of Themes folder, contents of, 78**

MaxEntries **field, storing in Application**

Configuration **base class, 189–190**

member point system, using in forums, 50–51

members, creating, 131–132

MemberSearchContextMenu.conf **file, editing to add actions, 137**

MembershipAdministrator **role, description of, 143**

Message **control, description of, 90**

messages

localization of, 284

storing in XML structure, 284

Messages.xml **resource file, location of, 157**

MetaBlog API, configuring connection to, 45

methods. See also static methods for EventLogs

for CSContext object, 227

for EmailQueueProvider, 251

for Post object, 229–230

for User class, 243

Microsoft Word 2007 web address, 110

ModalLink **control, description of, 90**

ModalMaster **master page, description of, 77**

Moderate permission, using with forums, 151

ModerationControlPanelMaster **master page, description of, 77**

Moderator **role, description of, 142**

modules. See also CSModules

adding, 184

architecture of, 198–199

for authentication, 294

avoiding alpha releases of, 202

building, 205–206

features of, 197–198

installation considerations, 202–203

installing and configuring, 198–199

maintaining, 204

obtaining, 202

relationship to exceptions, 199

subscribing to events for, 199–201

testing first, using later, 204

writing custom modules, 223

MPContainer **control, using, 75, 90**

MPContent **control, using, 74, 90**

MPForm **control, description of, 90**

MPRegion **control**

defining Master.ascx regions with, 74

description of, 90

MSI Installer, running for local installation, 20–23

N

name **attribute, using with SiteUrls.config file, 186**

namespaces, including in Custom Report, 168

naming requirements, enforcing for users, 134

NavBar.config, **adding Activity Report to, 168**

navigation bar

contents of, 36

modifying, 188

navigation menu, configuring, 192–193

.NET, versions of Community Server available to, 4

.NET 2.0, defining custom profile properties in, 176

New User Moderation setting, explanation of, 133

new user registration form, completing, 38

News Gateway (NNTP) add-on, features of, 295

O

- open communities, characteristics of, 208**
- OPML (Outline Processor Markup Language), using with feeds, 127**
- override keyword, using with extended core code, 215**
- Overview Report, using, 160**
- Owners role, description of, 143**

P

- Page Views Report, using, 159–160**
- Pager control, description of, 90**
- pages**
 - adding custom pages, 187
 - looking as source code of rendered pages, 78
- parameters**
 - sending to CSModules, 253
 - using with providers, 220
- Passport Authentication Module, features of, 294**
- Password Recovery option, using, 134–135**
- passwords, controlling format of, 135**
- pattern property in URLs section, using, 188**
- percent (%) wildcard, using in searches, 135**
- permissions**
 - definition of, 141
 - managing for blogs, 146–147
 - managing for file gallery, 149–150
 - managing for forums, 150–153
 - managing for photo gallery, 148–149
 - managing Reader permissions, 153
- permissions setting, editing for blogs, 115**
- Persian Main Navigation section, 281**
- Personal Edition, feature matrix for, 7–8**
- personal sites, implementing, 64–65**
- photo galleries application, description of, 5**
- photo gallery**
 - configuration of, 181
 - controlling URLs for, 216
 - creating album in, 58
 - features of, 55–57
 - slideshow viewer in, 56
 - using, 57–58
- photo gallery Control Panel. See also Control Panel**
 - changing themes in, 120
 - creating galleries in, 116–117
 - managing content in, 118–119
 - managing quotas in, 119
 - publishing photos in, 117–118
 - reviewing comments in, 118
 - tweaking presentation of, 119–120
 - using bulk import feature in, 119
- photo gallery permissions, managing, 148–149**
- photos. See also images**
 - organizing with tags, 56
 - publishing in photo gallery, 58–59
 - uploading large quantities of, 118–119
- Photoshop, creating image with rounded corners in, 83**

PNG images

- saving screenshots for blog themes as, 99
- using, 86

point system, using in forums, 50–51**Popular Posts tab, configuring for forums, 125****Popular Topics reports, using, 161–162****Post object**

- code sample, 230
- methods for, 229–230

Post permission, using with forums, 151**Post Relevance Sorting setting, using with blogs, 115****Post Settings option, description, 129****PostAttachment class**

- code sample, 240
- properties of, 240

PostIcons control, description of, 90**posts. See also blog posts; forum posts**

- approving, 133
- moderation instance for, 133
- stripping tags from, 181

PostSet class, role in Query/Set model, 232**PreRenderPost event handler, using with CSModules, 253–255****processor requirement, 13****Professional Edition, feature matrix for, 7–8****profiles, controlling access to, 137****projects, enabling debugging of, 32****Prompt for Credentials When Accessing Site error, troubleshooting, 33****properties**

- of CSContext object, 225–226
- for CSException class, 249
- extended properties, 230–231
- for global URLs, 246
- for Post class, 228–229
- for PostAttachment class, 240
- for Role class, 245
- for User object, 241–243

Provider Pattern, extending core code for improvements with, 214–216**providers. See also custom providers**

- availability of, 220–221
- class names for, 218
- creating for features, 216–220
- using parameters with, 220

Q**Query objects, using, 232****Query/Set model**

- blog recent feedback control in, 233–239
- overview of, 231–233

Quick Add option, using with photo gallery Control Panel, 118–119**Quick Lists, using with Find People option, 135****Qumana web address, 110****quotas, managing in photo gallery Control Panel, 119**

R

RAM requirement, 13

ranks, managing in forum Control Panel, 124–125

Raw Header option, using, 128

`rcr` section of `Master.ascx`, description of, 73–74

Read permission, using with forums, 151

Read rights, using with anonymous users, 138

Reader

configuration options for, 184

features of, 126

managing feeds with, 127

using, 59–60

Reader permissions, managing, 153

`ReaderMaster` master page, description of, 77

reason template, explanation of, 284

`Registered Users` role, description of, 142

registered users, tracking activity of, 138

registration

assisting users with, 132

managing settings for, 133–135

process of, 37–38

Remote Attach permission, using with forums, 151

`Remote attachment`, description of, 239

Remote Attachment permission, using with blogs, 146

Remote Files permission, using with file gallery, 149

remote server, installing on, 23–28

remove option, using with CSModules section, 184

rendered pages, looking at source code of, 78

`RepeaterBar` control, description of, 90

`RepeaterPlusNone` control, description of, 90

replies to forum topics, posting, 48–49

Reply permission

using with blogs, 146

using with file gallery, 149

using with forums, 151

using with photo gallery, 148

reported errors, avoiding for modules, 202

`ReportingControlPanelMaster` master page, description of, 77

reports. See also Custom Reports

Blog Activity Report, 160–161

Exceptions Report, 155–157

Forum Reports, 161–162

generating for file galleries, 54

Jobs Report, 158–159

Overview Report, 160

Page Views Report, 159–160

Popular Topics by Comments Report, 161

Popular Topics by Replies Report, 162

Popular Topics by Views Report, 161–162

User Activity Report, 160

resource APIs, using for localization, 286–287

resource file entries code sample, 282–283

resource files, including XML comments in, 281

`ResourceLabel` control, description of, 90

`resourceName`, using, 186

resources

blogs, 297

relationship to translations, 280–284

support, 297

`Resources.xml` file, adding custom text to, 283

`resourceUrl`, using with `SiteUrls.config` file, 186

responder in forums, explanation of, 50

`resume.htm` file, using, 187

revenue, configuring sites to generate ad revenue, 69

right-to-left (RTL) languages, localizing, 288–290

Role Assignment dialog box, displaying, 145

Role class

code sample, 245

properties for, 245

role icons, using, 143–144

roles

adding, 143

adding users to, 145

assigning, 144–145

assignment of, 142

built-in roles, 142–143

definition of, 141

editing, 144

identifying with GUIDs, 244

moving, 145

removing users from, 145

`Roles` option, using with `Reader`, 184

`roles` property, setting to `Everyone`, 187

Roller, adding feeds to, 59

`RollerBlogsMaster` master page, description of, 77

RSS feed subscription, using for images, 56

RSS feeds, aggregating and reading, 59–60. See also feeds

RTL (right-to-left) languages, localizing, 288–290

`RuleID`, using with `Spam Rules`, 257

`RuleSetting` object, using with `Spam Rules`, 258

S

schema. See database schema

screenshots, displaying in photo gallery, 58

`Script` control, description of, 90

SDK, purpose of, 16

SDK Installation Guide web address, 298

SDK source folder, opening solutions in, 31–32

Search Meta Description option, using, 128

searches, sorting, 135. See also Enterprise Search add-on

`SearchResults` control, description of, 90

Section Not Found exception, explanation of, 157

`SectionID`

accessing for blogs, 261

description of, 224

sections

creating, 188–190

identifying in Community Server applications, 224

security

implementing for anonymous forum posts, 49–50

management of, 141–142

- SelectedNavigation **control, description of, 91**
- Server Requirements and Hosting Suggestions article, **14**
- servers, **increasing to optimize sites, 69**
- Service Post Count Limit setting, **using with blogs, 113**
- Set **classes, examples of, 232**
- Set **objects, using, 232**
- SetExtendedProperty **core method, using, 231**
- settings. See also sitewide settings**
- anonymous user settings, **138–139**
 - avatar settings, **139**
 - changing, **108**
 - copying for web.config file, **28**
 - Global Account Profile Settings, **137**
 - global settings in forum Control Panel, **125–126**
 - locating in Control Panel, **108**
 - managing defaults for blogs, **112–113**
 - for registration, **133–135**
 - using global settings with blogs, **115**
- SetupNavBar.config **file, using, 192–193**
- Show Contact Checkboxes option, **enabling, 133**
- sidebar**
- contents of, **36**
 - editing, **92–93**
 - localizing, **288–289**
- SideBar.aspx **file, saving, 76**
- SideBarMaster.ascx **file, creating and using, 75–76**
- signatures, controlling, 137**
- Single Sign-on Authentication Modules, **293–294**
- site administrator, **creating members as, 131–132**
- site content, **providing feedback on, 57**
- Site Name & Description page, **options on, 128**
- Site Reports, **types of, 159–160**
- site requirements, **understanding, 63–64**
- site visitors, **displaying information about, 160**
- sites**
- adding users to, **37–38**
 - configuring, **23**
 - configuring to generate ad revenue, **69–70**
 - implementing personal sites, **64–65**
 - joining, **37–38**
 - optimizing, **68–69**
 - safeguarding from malicious users, **181**
 - turning off unneeded features in, **65**
- SiteSqlServer **setting, description of, 178**
- SiteSqlServerOwner **setting, description of, 178**
- SiteStats **control, description of, 91**
- SiteUrl **APIs, types of, 245**
- SiteUrls **class, modifying, 213, 215–216**
- SiteUrls **Configuration Error, troubleshooting, 34**
- SiteUrls.config **file**
- editing for blogging at the root, **67–68**
 - making configuration changes to, **186–187**
 - navigation section of, **185–187**
 - purpose of, **173**
- SiteUrlsProvider **class, creating, 214–215**
- sitewide settings. See also settings**
- Applications option, **129**
 - changing, **127–128**
 - Date and Time settings, **129**
 - Email settings, **129**
 - global site settings, **128**
 - IP Address Tracking setting, **129**
 - Post Settings page, **129**
 - Site Name & Description, **128**
- skin files**
- absence of, **72**
 - editing, **84–85, 91**
 - using default and user-defined resources in, **281**
- Skin Not Found exception, explanation of, 157**
- Skin-Ads.ascx **file, editing for GoogleAdSense, 40**
- Skin-Login.ascx **page, saving, 85**
- Skins **subfolder of Themes folder, contents of, 78**
- slideshow viewer in photo gallery, **features of, 56**
- snippets, **creating in blog Control Panel, 116**
- software requirements, 14–15**
- solutions, opening, 31–32**
- sorting blogs, 115**
- sorting options, using with searches, 135**
- source code, examining for rendered pages, 78**
- source control applications, tracking code changes with, 208**
- Spam Blocker, use of Spam Rules by, 257**
- Spam Rules**
- code sample, **258–259**
 - writing, **257**
- SQL connection string, changing in web.config for manual installation, 30**
- SQL scripts, running for manual installation, 29**
- SqlEmailTemplateProvider **class, creating, 273–274**
- Standard Edition, feature matrix for, 7–8, 10**
- static methods for EventLogs, 247. See also methods**
- statistics, displaying in Jobs Report, 158–159**
- StatusMessage **control, description of, 91**
- Sticky permission, using with forums, 151**
- stored procedures**
- adding, **270–271**
 - creating for email template provider, **273**
 - using in Custom Reports, **163–164**
- Style **control, description of, 91**
- Style **subfolder of Themes folder, contents of, 78**
- style.css, **editing for blog themes, 96–98**
- styles**
- adding for footers, **83–84**
 - learning about, **83**
 - location of, **78**
 - overriding default styles, **81**
 - overriding with CommonTitleBarDescription class, **81**
 - rendering, **80**
- stylesheets**
- choosing editors for, **78–79**
 - creating, **85–86**
 - editing blog-specific styles, **79–80**
 - overriding for blog themes, **114**
 - using proper form for, **85**

SupportsFarsi method

SupportsFarsi method, using, 286
system requirements, 13–14
SystemAdministrator role, description of, 143

T

tables. See also database tables
descriptions of database tables, 265–269
modifying, 271–272
TabsCollection, using with SetupNavBar.config file, 192
Tabs.config file, using, 191–192
TagBrowser control, description of, 91
TagCloud control, description of, 91
tags
organizing photos with, 56
stripping from posts, 181
Tallyman theming engine, description of, 6
Technical forum, creating thread in, 47–48
Telligent Store
purchasing commercial add-ons from, 293
web address for, 6
Telligent Systems, role in Community Server, 4
template elements, attributes and elements of, 285
templates
localization of, 284–285
using reason templates, 284
using with blog themes, 94
Templates.xml, structure of templates in, 285
test cases, writing for bugs, 210
testing
modules, 204
results after upgrades, 33
ThemedImage control, description of, 91
themes. See also controls
allowing changes of, 137
changing for photo galleries, 120
enhancements to, 100
location of, 74
types of, 72
using defaults with blogs, 114
Themes folder
contents of, 18
packaging for distribution, 290
subfolders of, 77
ThreadQuery base class, role in Query/Set model, 232
threads, managing in forums, 47–48
ThreadSet class, role in Query/Set model, 232
Tier II Premium Support, availability in Enterprise Edition, 10
TinyMCE WYSIWYG editor
performing RTL (right-to-left) typing in, 289–290
using for localization, 287–288
TitleBar control, description of, 91

translations
packaging for distribution, 290–291
performing with CS Localization Ultra, 281
resources aspect of, 280–284
role in localization, 278
troubleshooting installation issues, 33–34. See also error messages
truncationLength option, using with Reader, 184

U

underscore (_) wildcard, using in searches, 135
Unknown Error exception, explanation of, 157
Upload Attachment permission, using with blogs, 146
Upload permission, using with file gallery, 149
URLs
for blogs, 297–298
controlling for photo galleries, 216
types of SiteUrls, 245–246
URLS section, pattern and vanity properties in, 188
user accounts
creating, 37
signing in as admin, 36–37
User Activity Report, using, 160
User class, methods for, 243
user contact, controlling, 133
user controls, adding to Control Panel, 260–261
User object
code sample, 244
properties of, 241–243
user profiles, controlling access to, 137
user roles and statuses, filtering, 136
user settings, anonymous user settings, 138–139
UserAttribute control, description of, 91
UserName property for CSContext, description of, 226
username regular expression, changing, 134
UserQuery base class, role in Query/Set model, 232
UserQuery code sample, 244
users
adding to and removing from roles, 145
adding to web sites, 37–38
assisting with registration, 132
controlling registration of, 133
enforcing naming requirements on, 134
finding for managing roles, 145
performing actions on, 136
safeguarding sites from malicious users, 181
searching for, 135–137
tracking activity of registered users, 138
utility folder, contents of, 18

V
vanity property in URLS section, using, 188
Video permission
using with blogs, 146
using with forums, 151

View permission

- using with blogs, 146
- using with file gallery, 149
- using with forums, 151
- using with photo gallery, 148

View **rights, using with anonymous users, 138**

virtual directory, creating in local IIS, 29–30

visitors to sites, displaying information about, 160

Visual Studio 2005

- configuring, 30–31
- using to build module, 205–206

Vote permission

- using with file gallery, 149
- using with forums, 151

W

W3C CSS validation service web address, 85

Warning **event, description of, 247**

WATIR tests, writing for bugs, 210

w.bloggar, downloading, 44

Web Application Project update for Visual Studio 2005, 30

web farms, optimizing sites with, 69

web form, creating for Custom Report, 168–170

Web Installer

- features of, 16
- using for installation of remote server, 23–28

web pages

- adding custom pages, 187
- looking as source code of rendered pages, 78

web server

- requirements for, 14
- setting up for local installation, 20–21

web sites. See sites**web.config file**

- for ASPNET, 173–174
- changing SQL connection string for
 - manual installation, 30
- Community Server SQL Membership Provider section of, 175–176
- Community Server SQL Profile Provider section of, 176
- copying settings for, 28
- directory-level web.config file, 191
- editing for blogging at the root, 68
- enabling debugging in, 32
- membership section of, 175
- profile section of, 176
- refreshing applications, 32
- Role Manager section of, 176–177

webdev.webserver and database, configuring, 30–31

<Weblog> section, editing for blogging at the root, 67

WeblogPost object, information stored on, 231

WhoIsOnline control, description of, 91

wildcards, using in searches, 135

Windows Authentication Module, features of, 294

Windows Live Writer, authoring blog content with, 44, 110

Windows MSI Installer, running for local installation, 20–23

Windows Server 2003, web resource for, 13

Windows XP Professional, web resource for, 13

WinRar extraction tool web address, 17

Word 2007 web address, 110

work samples, web resource for, 298

WYSIWYG editor. See also editors

- using for localization, 287–288
- writing blog content with, 42–43

X

XML (Extensible Markup Language) format, storage of configuration settings in, 190

XML comments, including in resource files, 281

XML structure, storing messages in, 284

Y

YesNoRadioButtonList control, description of, 91

Z

Zion theming engine, description of, 6