

Index

A

actions, 205

Active Directory, 35

Active Directory Users, 54

Add LOB System, 182

Add New Project, 266

Add Project Output Group, 268

Add-In

Outlook, 115, 145

Replace-all OFR, 119

Replacement OFR, 119

add-ins, VSTO, 7–8

ADF. See application definition file

Adjoining, 116

Adjoining OFR, users, 117

**Administrator-Approved Form
Template, 276**

ADO.NET

BDC, 13, 181

SharePoint, 204

Advanced Web Site Identification, 51

AdventureWorks, 31, 65

LOB, 74

MOSS, 68

OBA, 68

tables, 209–210

AdventureWorks.cs, 160

advwrksDC, 167

AJAX, 11

AlterToDo, 155

AlterToDoResponse, 155

Altova XMLSpy, 158

Announcements, 180

App_Code, 268

App_Data, 268

Application Definition Editor, 207

application definition file (ADF), 181

BDC, 204–205

categories, 205–206

creating, 182–186

exporting, 189–191

Finder, 225

importing, 186–189, 229–231

MOSS, 225

Shared Services, 191

SharePoint, 186–189

SQL Server, 224

Visual Studio, 207

Web services, 189

XML, 224

XMLSpy, 207

**Application Generated Tasks
& Notifications, 19**

Forms Services, 21

InfoPath, 21

mapping, 26

MOSS, 21, 29

OFR, 21

Outlook, 21, 29

VSTO, 21, 29

Application Pools, 272

Application Services layer, 13–14

AppMessage, 105

ASP.NET, 13

application installation, 265–282

MOSS, 31, 34, 68

OFR, 117

OpenXML, 157

Visual Studio, 35

WF, 91–92

assemblies

- ClickOnce, 245–247
- signing, 245–247
- Visual Studio, 245

attachments

- indicators, 117
- OFR, 126–128

B

BAPI. See *business API*

BDC. See *Business Data Catalog*

BDC Definition Editor, 182

BDCMetaMan, 207

BI. See *business intelligence*

Bin directory, 281

binaries, MOSS, 36–39

binary serialization, 157–158

BindExcelChartTables, 169

BindWordSalesTable(), 169

BlockUIContainer, 137

blogs, 284

Blueprints, 285

BoundingPlanes, 146

BoundingPlanes.cs, 152

breadcrumb control, 247–248, 255

business API (BAPI), 182

business application database, MOSS, 62–69

business data, 157–176

Business Data Catalog (BDC), 3, 4

- ADF, 204–205
- ADO.NET, 13, 181
- Complementary Document Workflow, 21
- Composite User Interface, 20, 28
- Discovery & Navigation, 21, 29
- Document Integration, 20
- LOB, 14, 203–239
- metadata, 207–218
- OBA Apps as a Reach Channel, 20
- Report Center, 181–192
- SAP, 182

SQL Server, 13

Web parts, 234–239

Web services, 187

Business Data Catalog Definition Editor, 208

tables, 216

business intelligence (BI), 13–14

OBA, 179–202

Report Center, 180

ButtonLoad_Click, 80

byte array, MemoryStream, 175

C

C, 7

OFR, 115, 133–137

CAB files, 270

CallVSTOAssembly, 288

Cancel, 124

cellNavigator, 172

Central Administration, 47–48, 186

Chart, SetData, 152

chart, OFR, 136

ChartData, 128–133, 138

columns and rows, 148

LoadXMLData, 139

OFR, 132

Charting, 129, 138

XAML, 133

ChartMouseLeftButtonDown, 149

ChartMouseLeftButtonUp, 149

ChartMouseMove, 149

ChartMouseWheel, 150

Child, 129

click events

link elements, 144

OFR, 136

ClickOnce, 71, 242–247

assemblies, 245–247

OFR, 242

security, 254

client components, deployment, 241–263

client-side customizations

- Excel, 4
- OBAs, 3

clr-namespace, 133**Codeplex, 66, 91, 266**

- PopulateChartData, 172
- templates, 274
- Visual Studio, 279

Collaborative Site, 19

- mapping, 26
- MOSS, 29

colors, OFR, 130, 133**columns and rows**

- ChartData, 148
- metadata, 216
- OFR, 130–131, 133
- Tube, 148

CompanyName, 161**Complementary Document Workflow, 19**

- BDC, 21
- mapping, 26
- MOSS, 28
- SharePoint Storage, 21
- VSTO, 21, 28
- WF, 21

CompleteTask, 99**Composite User Interface, 19**

- BDC, 20, 28
- Excel Services, 20, 28
- KPIs, 20, 28
- mapping, 26
- MOSS, 28
- VSTO, 20
- Web parts, 20

Compression, 270**Configuration Wizard, MOSS, 39–42****Contact Details, 180****Content Types**

- maintaining, 262–263
- mapping, 260

Cooperating Document Workflow, 21**CorrelationToken, 100****crawling, data sources, 232–234****CreateTask, 99****CRM, 204****.cs, 265****custom actions pane. See *custom task pane*****custom ribbon, VSTO, 84–88****custom task pane**

- VSTO, 76–83
- Windows Forms, 76
- WPF, 76

customErrors, 43**Customization Updates, 244****customXmlNavigator, 171****customXMLPart, 165, 169****D****dashboards, 180–181**

- KPIs, 193
- Report Center, 193
- SharePoint, 11

data binding, VSTO, 80**data discovery, 14****Data Source Configuration Wizard, 74****data sources**

- crawling, 232–234
- KPIs, 194
- OFR, 136
- VSTO, 74–76

DataContext, 160**.BDC, 185****debugging, 273**

- SharePoint workflow, 108–110
- Visual Studio, 109
- VSTO, 108
- workflow, 279

Default Values, 222**default web site, 52****DefaultDisplayName, 221****deployment**

- client components, 241–263
- server components, 265–282

deployment (continued)

SharePoint workflow, 108–110
workflow, 281–282

Direct Integration, 20

Discovery & Navigation, 19

BDC, 21, 29
Enterprise Search, 21
mapping, 26
MOSS, 29

DNS. See Domain Name Server

Dock, 119

DocLibSiteName, 161–162

Docs, 161

Document Center, 57, 255

Site Settings, 247

Document Content Types, 256

Document Integration, 19

BDC, 20
Excel, 28
mapping, 26
OpenXML, 20, 28
VSTO, 20, 28

document libraries. See also Sales Forecast

Document Library

MOSS, 57–61
workflow, 94

.docx, 158, 265

Excel, 175

Domain Controller, 34

Domain Name Server (DNS), MOSS, 34

E

Ecma, 158

e.Handled, WPF, 150

ElementHost, 76, 129

OFR, 119

ellipsis, 66–67

TextBoxEditor, 216

email. See also Outlook

workflow, 95

EmailControl, 133

EmailControl.xaml, 120

EmailControl.xaml.cs, 137, 152

**Enterprise Search, Discovery
& Navigation, 21**

Entity, 205

error handling, OpenXML, 164

error messages, 273

event handlers

mapping, 86
mouse, 149
OFR, 122–123
Ribbon, 86

Excel

binary serialization, 157–158
client-side customizations, 4
Document Integration, 28
.docx, 175
KPIs, 193
ListObject, 80–81
LoadXMLData, 142
LOB, 5
MIME, 145
MOSS, 67
OBA Apps as a Reach Channel, 28
OpenXML, 162–163, 169–170
trusted sites, 252–255
VBA, 288
VSTO, 28
XML, 103

Excel Services, 3, 198–201

Composite User Interface, 20, 28
MOSS, 198
Report Center, 181

Excel Services Options, 199

Exchange Server, 117

Replace-all OFR, 119
Replacement OFR, 119

ExecutiveSalesForecast.docx, 160

exporting, ADF, 189–191

Expression Blend, 31, 285

F

Facebook, 284
feature.xml, 109, 282
FilterDescriptor.Select, 221, 222
filters, 206
“The Financial Impact of Packaged Applications,” 1
Finder, 214, 218–229
 ADF, 225
 queries, 218
 SpecificFinder, 216
FlowDocument, 134
FlowDocumentScrollViewer, 133–134
Form Region Factory, 122
FormRegionInitializing, 123, 124
FormRegionShowing, 126
Forms Services, Application Generated Tasks & Notifications, 21
From, 216

G

GAC, 281–282
GenerateCustomXML, 165, 167
GetKey, 131–132
GetPart, 166
GetRelationshipsByType, 166
GetRootPart, 165, 167
GetRowColor, 133
GetRowLabelBrushes, 133
GetSinglePart, 165, 166–167
GetValue, 131
GetWorkflowDataForItem, 154

H

Home Members, 56
Home Owners, 56
host headers, 51
HoverHitTest, 151
hoverTube, 147

I

Identifier, 222
IIS. See Internet Information Services
IIS Manager, 50
IList, 131
importing, ADF, 186–189, 229–231
indicator values, 194
indicators
 attachments, 117
 KPIs, 193
InfoPath
 Application Generated Tasks & Notifications, 21
 forms, 274–278
 MOSS, 67
 presentation layer, 10
 security, 276
 templates, 274
 Web services, 6
Installation folder, 243
Instance, 216
instances, 206
Intelligent Documents, 20
IntelliSense, 207
InterKnowlogy, 125
Internet Information Services (IIS), 36
 MOSS, 68
 URLs, 53
Interop library, 119
IP addresses, 51
IPM.Note, 116, 119
IsForecast, 140

K

Kennedy, Kevin, 125
Key Performance Indicators (KPIs), 13
 Composite User Interface, 20, 28
 dashboards, 193
 data sources, 194
 Excel, 193

Key Performance Indicators (KPIs)

(continued)

indicators, 193

Report Center, 180, 181, 193

SharePoint, 192–198

KPI List, 195

KPIs. See Key Performance Indicators

L

Language Integrated Query (LINQ),

9, 103

LoadXMLData, 139

OpenXML, 160, 167

SQL, 168

Web services, 266

.ldf, 67

line-of-business (LOB), 1–2

AdventureWorks, 74

BDC, 14, 203–239

Excel, 5

MOSS, 203–239

OBAs, 3, 17

link elements, click events, 144

LINQ. See Language Integrated Query

List, 147

List^o, 131

List (Of String), 129

List (Of System.Windows.Media.Color), 130

ListObject, Excel, 80–81

lists, 205

Load, 141

LoadXMLData, 138–145

ChartData, 139

Excel, 142

LINQ, 139

Word, 142

XML, 139

LOB. See line-of-business

LobInstances, 184–185

LobSystem, 184, 205

LobSystemInstance, 205

M

Macro Settings, 288

Mail Server, 35

mapping

Application Generated Tasks &

Notifications, 26

Collaborative Site, 26

Complementary Document Workflow, 26

Composite User Interface, 26

Content Types, 260

Discovery & Navigation, 26

Document Integration, 26

event handlers, 86

MOSS, 44

OBA Apps as a Reach Channel, 26

Ribbon, 86–87

SQLMetal.exe, 160

Markup Language, 158

.mdf, 67

Media3D, 150

Mediated Integration, 20

MemoryStream, 164

byte array, 175

SharePoint library, 173

XMLWriter, 168

Mesh Composite View, 20

Mesh Geometry, 151

metadata

BDC, 207–218

columns and rows, 216

SpecificFinder, 216

XML, 207

MetaData Objects, 225

MetaMan, 182

MethodInstanceType, 186

methods, 205–206

OFr, 137–138

Microsoft Exchange, 34

Microsoft Office SharePoint Server (MOSS),

10, 11, 92–93

ADF, 225

AdventureWorks, 68

Application Generated Tasks & Notifications, 21, 29
 ASP.NET, 31, 34, 68
 binaries, 36–39
 business application database, 62–69
 Collaborative Site, 29
 Complementary Document Workflow, 28
 Composite User Interface, 28
 Configuration Wizard, 39–42
 Discovery & Navigation, 29
 DNS, 34
 document libraries, 57–61
 Excel, 67
 Excel Services, 198
 IIS, 68
 InfoPath, 67
 installation and configuration, 33–69
 LOB, 203–239
 mapping, 44
 MSDN, 36
 OBA Apps as a Reach Channel, 20
 Office, 67
 OFR, 114
 OpenXML, 159–160
 permissions, 53
 Replace-all OFR, 117
 Report Center, 181
 SharePoint, 28
 SharePoint Designer, 52
 SQL Server, 33, 39, 62
 SQL Server Management Studio, 62–63
 unplanned errors, 42–43
 updates, 47
 URLs, 44, 47, 53
 users, 54–57
 Visual Studio, 52, 67, 91–111
 Visual Studio Extensions, 68
 Web services, 136
 web.config, 174
 Windows SharePoint Services Tools, 68
 Word, 67
 workflow, 91–111, 274

Microsoft Office SharePoint Server SDK, 31
Microsoft SDK, 158
Microsoft.SharePoint, 160
Microsoft.SharePoint.Portal, 160
MIME, 145
MLS. See Multiple Listing Service
MMC, 54
modelGroup, 146
MOSS. See Microsoft Office SharePoint Server
MOSS BDC Design Studio, 207
MOSS SDK
 MDSN, 207
 Visual Studio, 207
mouse, event handlers, 149
MouseWheelEventArgs, 150
MSDN, 41
 MOSS, 36
 MOSS SDK, 207
 VSTO, 72
MSI, 208, 270
.msi, 270
 .NET Framework, 270
mssharepointdeveloper.com, 285
Multiple Listing Service (MLS), 10
My Sites, 284
MyFunctionAdd, 288
MyTaskCreation, 100
myTaskToken, 100

N

Name, 221
Navigation and Version History, 60
.NET Framework, 31, 266
 installation, 270
 .msi, 270
 Prerequisites, 270
 Silverlight, 285
 VSTO, 71
 WF, 91
 workflow, 93
 WPF, 76

New Office SharePoint Workflow wizard, 96–98, 280

NewApprovalWorkflow, 99

O

OBA Apps as a Reach Channel, 19

BDC, 20

Excel, 28

mapping, 26

MOSS, 20

VSTO, 20, 28

OBA Developer Center, 288

OBAs. See *office business applications*

ODBC, 204

Office, 31

MOSS, 67

OBAs, 2, 6

Outlook, 115

Ribbon, 84

templates, 283–284

Visual Studio, 68, 283–284

VSTO, 72

XML, 158

office business applications (OBAs)

AdventureWorks, 68

anatomy, 1–16

architecture guidance, 17–32

BI, 179–202

components, 3

costs, 2

design patterns, 17–32

development environment, 31

LOB, 17

Office, 2, 6

presentation layer, 7–13

productivity layer, 13

server components, 265–282

sub-patterns, 20–21

types of, 4–6

Word, 6

Office fluent ribbon, 71–89

Office Primary Interop Assemblies, 31

officeDocument, 165

officePackage, 166

OFR. See *Outlook Form Regions*

OLEDB, 204

OpenXML, 6, 157–176

ASP.NET, 157

Document Integration, 20, 28

error handling, 164

Excel, 162–163, 169–170

LINQ, 160, 167

MOSS, 159–160

presentation layer, 9

SharePoint library, 157

SQL, 160

templates, 162–163

web methods, 164

web.config, 161

Word, 28, 157

OpenXML SDK, 158–159

Outlook, 4

Add-In, 115, 145

Application Generated Tasks &
Notifications, 21, 29

Office, 115

OFR, 114, 136

Ribbon, 84

SharePoint workflow, 104–108

templates, 115

3D graphics, 113

VSTO, 8, 71

workflow, 94

Outlook Add-In, Sales Forecast OFR, 245

Outlook Form Regions (OFR)

Application Generated Tasks &
Notifications, 21

ASP.NET, 117

attachments, 126–128

C, 115, 133–137

ChartData, 132

charts, 136

click events, 136

ClickOnce, 242
 colors, 130, 133
 columns and rows, 130–131, 133
 customizing, 113–156
 data sources, 136
 display, 119–120
 ElementHost, 119
 event handlers, 122–123
 methods, 137–138
 MOSS, 114
 options, 116
 Outlook, 114, 136
 sales forecasting, 113
 SetData, 148
 SMTP, 117
 Solution Explorer, 115
 templates, 115–124
 3D graphics, 125
 UI, 114, 134
 Visual Basic, 115
 Visual Studio, 114
 Windows Forms, 114
 wizard, 115
 WPF, 113, 119, 125, 128–129
 XAML, 133–137
 XML, 113, 115, 117, 122, 135

OutlookItem, 124, 127

OwnerActivityName, 99

P

PackageRelationship, 165

parameters, 206, 221

SQL Server, 224

Parent Content Type, 256

Path Form Templates, 274

PeopleSoft, 287

permissions, MOSS, 53

Person.Contact, 164

PO. See purchase order

POP, Windows Server 2003, 34

POP3, 54

PopulateChartData, 169–173

Codeplex, 172

PopulateZeros, 139

ports, 51

PowerPoint, binary serialization, 157–158

.pptx, 158

Prerequisites, 243, 270

.NET Framework, 270

presentation layer

InfoPath, 10

OBAs, 7–13

OpenXML, 9

SharePoint, 11–13

VSTO, 7–9

PresentationML, 158

previousMouseVector, 147

Process.Start, 144

productivity layer, OBAs, 13

Project, 84

properties, 206, 222

Property, 185

proxy, Web services, 154

PSConfig.exe, 41

Publishing folder, 243

Publishing Wizard, 276, 278

purchase order (PO), 91

Q

Quaternion, 150

queries

Finder, 218

SpecificFinder, 218

SQL, 216

Quick Launch, 249

R

RangeLabels, 132

RayMeshGeometry3DHitTestResult, 151

rays, 151

RdbCommandText, 185, 224

rdbconnection, 185

ReadAllBytes, 164

Reading Pane, 117

read-only, 135

release to manufacturing (RTM), 22

release to web (RTW), 22

Replace-all OFR, 116–117, 117

Add-In, 119

Exchange Server, 119

MOSS, 117

users, 117

Replacement OFR, 116, 117

Add-In, 119

Exchange Server, 119

Report Center, 180–181

BDC, 181–192

BI, 180

dashboards, 193

Excel Services, 181

KPIs, 180, 181, 193

MOSS, 181

Web parts, 180

ResolvePartRelationship, 165, 166

Ribbon

event handler mapping, 86

mapping, 86–87

Office, 84

Outlook, 84

Visual Studio, 84

XML, 84

rotateTransform, 146

rows. See columns and rows

RSS & Web Services Composition, 20

RTM. See release to manufacturing

RTW. See release to web

Run, 288

S

Sales Forecast Approval Workflow, 54, 113, 125, 168, 254

Sales Forecast Document Library, 58, 108, 249

setting up, 252

Sales Forecast Document Service, 159

Sales Forecast OFR, 113, 114, 124–133, 245

sales forecasting, 23–30

Sales Tools, 247–263

Sales.Customer, 65

Sales.Forecast, 65

SalesForecast.cs, 115, 122, 129

SalesForecastDocService, 265

Sales.ForecastEstimates, 65

SalesForecastStateWorkflow, 274

SalesForecastWorkbook.xlsx, 258

SalesReportDocLibName, 161–162

SAP, 287

BDC, 182

scaleTransform, 146

SDK, 158–159

SDLC. See Software Development Life Cycle search, 205

Search Settings, 232–234

security, 234

security

ClickOnce, 254

InfoPath, 276

Search Settings, 234

VSTO, 254

SELECT *, 182, 185

SendMail, 100

Separate OFR, 116–117

users, 117

Visual Studio, 119

Sequential workflow, 92

creation, 95

template, 95

server components, OBA, 265–282

ServerDocument, 103, 105

Service Oriented Architecture (SOA), 203

service.asmx, 268

service-oriented architecture (SOA), 2

SetCellValue, 171

SetData

Chart, 152

OFR, 148

- Setup Product Name, 271**
- Setup Title, 271**
- setup.exe, 249, 270**
 - naming, 271
- SetValue, 131**
- Shared Services, 47**
 - ADF, 191
- Shared Services Provider, 186**
- sharedStringsNavigator, 171, 172**
- SharePoint**
 - ADF, 186–189
 - ADO.NET, 204
 - dashboards, 11
 - documents, 173–175
 - KPIs, 192–198
 - MOSS, 28
 - OBAs, 3
 - presentation layer, 11–13
- SharePoint Designer, 13**
 - MOSS, 52
- SharePoint library**
 - MemoryStream, 173
 - OpenXML, 157
- SharePoint Storage, Complementary Document Workflow, 21**
- SharePoint workflow, 86–87, 92–110**
 - debugging, 108–110
 - deployment, 108–110
 - Outlook, 104–108
 - templates, 109
 - Visual Studio, 109
- SharePointSiteUrl, 161**
- Siebel, 287**
- Silverlight, 11, 13, 285–286**
 - .NET Framework, 285
- Simego, 207**
- Site Actions, 234**
- Site Content Type, 255–256, 276**
- Site Settings, 247**
- SMTP**
 - OFR, 117
 - Windows Server 2003, 34
- SOA. See Service Oriented Architecture; service-oriented architecture**
- social networking, 284–285**
- Software Development Life Cycle (SDLC), 22–23**
- software patterns, 122**
- Software plus Services (S+S), 2, 203**
- Solution Explorer, 82, 269**
 - OFR, 115
- SourceUri, 165**
- SpecificFinder, 186, 214**
 - Finder, 216
 - metadata, 216
 - queries, 218
- SpreadsheetML, 158**
- SPWeb, 174**
- SQL**
 - LINQ, 168
 - OpenXML, 160
 - queries, 216
- SQL Server, 31**
 - ADF, 224
 - BDC, 13
 - MOSS, 33, 39, 62
 - parameters, 224
 - updates, 47
- SQL Server Management Studio, 31, 211**
 - MOSS, 62–63
- SQLMetal.exe, 160**
- S+S. See Software plus Services**
- StartFromScratch, 84**
- State Machine workflow, 92, 94, 101**
 - creation, 95
 - template, 95
- stsadm tool, 281–282**
- success values, 194**
- System.Int32, 222**
- System.IO.Log, 161**
- System.IO.Package, 164**
- System.IO.Packaging, 161**
- System.String, 222**
- SystemUpdate, 175**

System.Windows.Control, 129
System.Windows.Media, 129
System.Windows.Media.Media3D, 151
System.Windows.Media.Media3D
 .Quaternion, 150

T

tables

AdventureWorks, 209–210
Business Data Catalog Definition
 Editor, 216

Target List property, 280

TargetUri, 165

Task pane, 71–89

Task Synchronization, 21

TaskID, 100

TaskProperties, 100

Temp folders, 5

templates, 261

Codeplex, 274
InfoPath, 274
Office, 283–284
OFR, 115–124
OpenXML, 162–163
Outlook, 115
Sequential workflow, 95
SharePoint workflow, 109
State Machine workflow, 95
Visual Studio, 283–284
Wrox, 274

TextBox, 135

TextBoxEditor, ellipsis, 216

ThisAddIn.cs, 115

3D graphics

OFR, 125
Outlook, 113
WPF, 129, 151

threshold values, 194

toggle buttons, 86

Top Zone, 236

Trust Center, 253–254

trusted sites, 41, 44

Excel, 252–255

VSTO, 252–255

Tube, 145–146

columns and rows, 148

Tube.cs, 152

TypeDescriptor, 185

TypeName, 222

U

UI. See user interface

Uniform Resource Identifier
 (URI), 165

Uniform Resource Name (URN), 165

Upcoming Events, 180

updates, 244

MOSS, 47
SQL Server, 47

UpdateWorkflow, 152, 154

URI. See Uniform Resource
 Identifier

URLs

IIS, 53
MOSS, 44, 47, 53
web.config, 174
XML, 136

URN. See Uniform Resource Name

user control, 82

WPF, 145–153
XAML, 133

user interface (UI)

OFR, 114, 134
WPF, 129

user profiles, 205

UserControl, 129

XAML, 133

users

Adjoining OFR, 117
MOSS, 54–57
Replace-all OFR, 117
Separate OFR, 117

V**VBA**

- Excel, 288
- VSTO, 71, 287–288
- Word, 288

View Designer, 82**viewport, 146****Virtual Directory, 271****Virtual PC, 34****Visio, 84****Visual Basic, 7**

- OFR, 115

visual Ribbon designer, 71

- Visual Studio, 84
- VSTO, 83

Visual Studio, 6, 13, 31

- ADF, 207
- ASP.NET, 35
- assemblies, 245
- Codeplex, 279
- debugging, 109
- MOSS, 52, 67, 91–111
- MOSS SDK, 207
- Office, 68, 283–284
- OFR, 114
- Ribbon, 84
- Separate OFR, 119
- SharePoint workflow, 109
- templates, 283–284
- visual Ribbon designer, 84
- workflow, 93, 279, 281–282
- XAML, 120
- XML, 207

Visual Studio Extensions, 13

- MOSS, 68

Visual Studio IDE, 109**Visual Studio Tools for Office (VSTO), 3, 31, 71–72**

- add-ins, 7–8
- Application Generated Tasks & Notifications, 21, 29
- Complementary Document Workflow, 21, 28

- Composite User Interface, 20
- custom actions pane, 76–83
- custom ribbon, 84–88
- data binding, 80
- data source, 74–76
- debugging, 108
- Document Integration, 20, 28
- Excel, 28
- MSDN, 72
- .NET Framework, 71
- new project, 72–74
- OBA Apps as a Reach Channel, 20, 28
- Office, 72
- Outlook, 8, 71
- presentation layer, 7–9
- security, 254
- trusted sites, 252–255
- VBA, 71, 287–288
- visual Ribbon designer, 83
- WCF, 71
- WF, 71
- WPF, 71
- XML, 103

VSTO. *See Visual Studio Tools for Office*

W**WCF.** *See Windows Communication Foundation***Web 2.0, 4, 11**

- social networking, 284–285

Web Application Folder, 268**web methods, OpenXML, 164****Web Part Gallery, 12****Web parts, 3, 7, 11–13, 62, 205**

- BDC, 234–239
- Composite User Interface, 20
- Mesh Composite View, 20
- Report Center, 180

Web services

- ADF, 189
- BDC, 187
- InfoPath, 6

Web services (continued)

LINQ, 266
MOSS, 136
proxy, 154

Web Setup Package, 266

web.config, 43, 269

MOSS, 174
OpenXML, 161
URL, 174
XML, 168

WF. See Windows Workflow Foundation

WHERE, 185

wikis, 284

Wildcard, 219

Windows Communication Foundation (WCF), 2, 9

VSTO, 71

Windows Forms, 119

custom task pane, 76
OFR, 114
WF, 91–92
WPF, 82

Windows Presentation Foundation (WPF), 9

custom task pane, 76
e.Handled, 150
.NET Framework, 76
OFR, 113, 119, 125, 128–129
3D graphics, 129, 151
UI, 129
user control, 145–153
VSTO, 71
Windows Forms, 82
XAML, 77

Windows Server 2003, 31

POP, 34
SMTP, 34

Windows SharePoint Services (WSS), 11, 92–93

Windows SharePoint Services Tools, MOSS, 68

Windows Update, 47

Windows Workflow Foundation (WF), 9

ASP.NET, 91–92
Complementary Document Workflow, 21
.NET Framework, 91
VSTO, 71
Windows Forms, 91–92
workflow, 91–92

Word, 6

binary serialization, 157–158
LoadXMLData, 142
MIME, 145
MOSS, 67
OBAs, 6
OpenXML, 28, 157
VBA, 288

wordDocumentPart, 169

wordOfficePackage, 169

WordProcessingML, 158

workflow. See also Complementary Document Workflow; SharePoint workflow; State Machine workflow; Windows Workflow Foundation

Cooperating Document Workflow, 21
debugging, 279
deployment, 281–282
document libraries, 94
email, 95
MOSS, 91–111, 274
.NET Framework, 93
Outlook, 94
Sequential, 92, 95
Visual Studio, 93, 279, 281–282
WF, 91–92

WorkflowApprovalData, 152

WorkflowApprovalData.cs, 152

WorkflowInformation, 154

WorkflowSoapProxy, 154

workflow.xml, 109, 282

worksheetNavigator, 171

WPF. See Windows Presentation Foundation

Wrox, templates, 274

WSS. See Windows SharePoint Services

X

.x files, 157

XAML

Charting, 133
OFR, 133–137
user controls, 133
UserControl, 133
Visual Studio, 120
WPF, 77

.xlsx, 158, 288

XML

ADF, 224
Excel, 103
LoadXMLData, 139
metadata, 207
Office, 158
OFR, 113, 115, 117, 122, 135
Ribbon, 84
URLs, 136
Visual Studio, 207

VSTO, 103
web.config, 168
XQuery, 169

XML nodes, 162

XMLDocument, 141

XMLNode, 141

XMLSerializer, 155

XmlSerializer, 103

XMLSpy, 207

ADF, 207

XmlTextReader, 103

XMLWriter, 105

MemoryStream, 168

XPathNavigator, 170

XQuery, XML, 169

XSL, 238

Z

.zip, 158

zipping, 158

Zone, 50

