

## Numerics

---

200 OK 119  
3. Profit!!! 207  
37signals 10, 12, 466  
38noises  
    Less Features 108  
3rdRail 19, 21

## A

---

access control 165–178  
Accordion 78, 106  
account creation  
    testing from HTML 67–68  
account signup screen 262–266  
AccountBox  
    deleting users 464  
AccountCreateBox 75, 78, 81, 152  
    adding client-side validation 285  
    adding EmailValidator 274  
    integrating Flex 3 and Rails validation 280  
    modifying 402  
    modifying to use Cairngorm 352  
    modifying to use User constructor 434  
AccountCreateEvent 84  
AcknowledgeMessage 476  
Action Controller 7  
Action Pack 7  
Action View 7  
ActionController::Routing::Routes 6  
ActionMailer 58  
ActionScript 5  
Active Record  
    definition 137  
Active Support 141  
    dasherize 141  
ActiveRecord 6, 18  
    Base 445  
    Errors 269  
    Migration 59  
    Serialization 134  
Adobe 297  
Adobe Integrated Runtime (AIR) 12, 512  
Adobe Labs 297  
AdvancedDataGrid 108  
AIR. *See* Adobe Integrated Runtime  
Alert 95  
Amazon S3 436  
AMF 370  
anonymous object  
    ActionScript 3 86  
    creating 86  
Apache 6  
Apollo 512  
Application 70  
application.rb  
    adding to\_xml\_full method 270  
application/xml 362  
application/x-www-form-urlencoded 87, 362  
ApplicationController 31, 41, 49, 64, 167  
    protecting against CSRF attacks 178  
Aptana 21  
    installing with RadRails 21  
Aptana RadRails 33  
    project, creating in Windows + Flex SDK 32, 34  
Aquamacs 22, 43  
Arctic Monkeys 421  
Arkin, Assaf 544  
Array  
    Conversions 134

ArrayCollection 385  
 Arrington, Michael 77  
 association  
   adding to model 137–142  
 AsyncToken 315  
 attachment\_fu 545  
 attr\_accessible 62  
   better security with 436–439  
 attr\_protected 437  
 authenticated? 141  
 AuthenticatedSystem 64, 167  
 AuthenticatedTestHelper 65

## B

---

backgroundGradientColors 70  
 Backpack 12  
 Bailey, Chris 440  
 Basecamp 12  
 .bash\_profile file 20  
 Beast 545  
 Beethoven, Ludwig van 217  
 before\_create 427  
 before\_filter 162  
 Bekor, Chen 300  
 belongs\_to 138, 140  
 Bezos, Jeff 77  
 Bindable 71, 78  
 binding 71–72  
 Black, David 425  
 Bland II, John C. 528  
 Blub 145  
 BPM 538  
 browser navigation  
   disabling integration with Flex 56  
 bubbles property 93  
 Buck, Jamis 443  
 Builder 189  
   understanding 272  
   XmlMarkup 270, 272  
 business  
   Services 494  
 business delegate  
   creating 331  
 Button 72  
 Buzzword 422

## C

---

Cairngorm  
   adding to pomodo 302–303  
   background and setup 296–304

  commands 454  
   documentation 298  
   downloading 299  
   event sequence overview 304  
   generator 431  
   history 297  
   key benefits 358  
   ModifiedCairngormStore 300–301  
   sources, importing into Flex Builder 299–300  
   standard directories 303  
   too much like Java 298  
   using in pomodo 296  
   value object 371  
   whether to use 298  
 Cairngorm Enterprise 299  
 CairngormStore 298  
 CairngormUtils 312  
 Carlson, Bryan 472  
 CDATA 78  
 CheckBox 112  
   creating 245–247  
 checkIsOnline 534  
 chmod 46  
 Clark, Mike 545  
 CocoaMySQL 18  
 Code Gear 19  
 Cold Fusion 19  
 com.pomodo.business.\*  
   creating 331–336  
 com.pomodo.command.\*  
   creating 315–330  
 com.pomodo.components.\*  
   modifying 337  
 com.pomodo.control.\*  
   creating 309–312  
 com.pomodo.events  
   deleting 336  
 ComboBox 107, 112  
   dataProvider, adding None object to 219–222  
   itemRenderers 231–243  
   making work in TaskCreateBox 208–225  
   prompt 217–219  
 CommandShell  
   creating 111  
   implementing 453  
 Completed check box  
   creating 251–259  
 config  
   database.yml 29, 47  
   routes.rb 62  
 ControlBar 115  
 convention over configuration 61

copy-paste-modify. *See* MXML  
 create method 144, 195  
 create.sql 29, 38, 47  
 CreateLocationCommand 318  
 CreateLocations 154  
 CreateProjectCommand 316  
 CreateProjects 154  
 CreateSessionCommand 318  
   modifying 392  
   refactoring event triggering 527  
 CreateTaskCommand 315  
 CreateTasks 153  
 CreateUserCommand 320  
   modifying 393  
   refactoring event triggering 527  
 CreateUsers 59  
 creationPolicy 524  
 CRUD 119  
 CSRF attack 65  
   protecting against 178  
 curl 472  
 current\_user 81, 167–169  
 current\_user.tasks 167–169  
 Curtis, Ben 545

## D

---

Daigle, Ryan 422  
 dasherize 130  
 data transfer object. *See* transfer object  
 DataGrid 107  
   customizing cells with itemRenderers 231  
 Date 125  
 Dawson, Alastair 545  
 DB2 18  
 DebugMessage 124  
 DebugPanel 125  
 default route 68  
 del.icio.us 8  
 Delete button  
   creating 243–245, 251–259  
 dependent  
   implementing 439–447  
 destroy method 144  
 destroy\_xml 228–231  
 DestroyLocationCommand 327  
 DestroyProjectCommand 326  
 DestroyTaskCommand 325  
   modifying 394  
   refactoring to RubyAMF 508  
 DestroyUserCommand  
   deleting users 462

destructive actions  
   ensure done by POST 162  
 Developing Rich Clients with Macromedia  
   Flex 297  
 development.log 273  
 DHH. *See* Hansson, David Heinemeier  
 Digg 8  
 Discovering a world of Resources on Rails 58, 122  
 displayAsPassword 76  
 document.write 37, 46  
 Dont Repeat Yourself (DRY) 196  
   Flex validation violating 266  
 Duncan Davidson, James  
   installing Ruby 17

## E

---

E4X (ECMAScript for XML) 83, 128  
 Eccles, Stuart 238  
 edit method 144  
 Emacs 21, 43  
 EmailValidator 274  
 encrypt\_password 141  
 endpoint 474  
 ERb (Embedded Ruby) 145  
 <error> 268  
 error  
   custom XML 267–274  
 error\_messages\_for 265  
 <errors> 268  
 Event 84  
   bubbles 93  
 event triggering  
   refactoring 523–528  
 EventNames 309  
   adding constants 433  
   deleting users 461  
   modifying to enable logout 455  
 examples  
   installing software required to run 16–25

## F

---

Fade 459  
 fdb debugger 101, 124  
 Fielding, Roy 120  
 Fight Club 145  
 filterFunction 448  
 Firefox 19  
 Fireworks 108  
 Fixnum 141

- fixtures 96
    - expanding 178–185
    - notes.yml 427
  - Flash 9 5
    - installing 20
    - market penetration 8
    - overview 8–9
  - Flash UI
    - fixed-size criticism unfounded 107
  - flash.events.Event 85
  - flash[:notice] 172
  - Flex 26–28, 31–32, 34–38, 41–46, 49–51
    - adding login functionality 69–95
    - API documentation 73
    - background 4
    - compiler arguments 515
    - creating projects and locations 200–207
    - creating tasks in 195–199
    - history 9–12
    - installing 18–21
    - listing tasks in 187–194
    - project, creating in Flex Builder 3 25–26
    - validation 266
    - validators 284–289
    - version history 11
  - Flex 1.0
    - compared to Rails 1.0 10
  - Flex 2
    - validation 274–275
    - validation, integrating with Rails
      - validation 276–284
  - Flex 3
    - compared to Rails 2 12
    - documentation 73–74
    - features and strengths 5–7
    - open sourcing of 11
    - overview 5
  - Flex 3 SDK
    - installing 15
  - Flex Builder
    - compiler settings 457
    - configuring to run pomodo 99–101
    - debugger 99, 124
    - Design mode 106
    - visual design functionality 108
  - Flex Builder 3 25
    - installing 15
    - installing on Windows or OS X 19
    - introduction of 11
    - support for AIR 513
  - Flex SDK
    - fdb debugger 101
    - installing on Windows, OS X, or Linux 20–21
  - FLEX\_HOME 35
  - FlexUnit 544
  - foreign key constraint 141
  - Form 112
    - just a layout tool 76
  - format.amf 470
  - Fowler, Martin 137
  - FrontController 310
  - full\_messages 270
- 
- G**
- 
- gem list 17
  - GET 71, 365
  - getRemoteURL 520
  - Getting Real 106
  - Getting Things Done (GTD) 12, 106
    - semantics 439–447
  - Gilbert, W. S. 538
  - Git 99
  - Goldberg, Rube 297
  - GPL 471
  - gradient fill 32
  - Grosenbach, Geoffrey 58, 65, 122
  - GTD. *See* Getting Things Done
  - GUI
    - code 108–117
    - design 106–108
    - requirements 106
- 
- H**
- 
- Hansson, David Heinemeier 10, 118
  - has\_many 138, 140
  - Hash
    - Conversions 133
  - hash
    - Ruby 86
  - HBox 109
  - hello\_controller.rb 31, 40, 48
  - HelloController 31, 41, 49, 70
  - Hivelogic 24
  - HTML wrapper file 36, 44
  - .html.erb 194
  - HTTP 229
    - methods 71
    - pretend and actual method 121
    - status codes 119

HTTPService 70, 469  
  contentType 362  
  gotchas 361–367  
  human\_attribute\_name 270

## I

---

ICollectionView 384  
ICommand 316  
id  
  primary key 61  
IDE  
  installing 21–22  
IDEA 19, 21  
idempotence 119  
IE 19  
IList 384  
Image 78  
Import  
  Projects into Workspace 54  
include 192–194  
index 144  
Inflections 142  
interface  
  vs. class 384  
Iolanthe 538  
itemRenderer  
  custom, to create CheckBox 245–247  
  data property 242  
  using to customize DataGrid 231–243  
iteration 5  
IUndoableCommand 368  
IViewCursor 239

## J

---

Jamis Buck 3  
Java 4  
Java Swing 5, 368  
JBuilder  
  GUI builder 106  
JSEclipse 19  
JSON 293, 370  
JSplitPane 114  
JUnit 544

## K

---

Kernighan, Brian 14  
Knauss, Greg 186  
knife juggling 437

## L

---

Label 78  
labelWidth 80  
Laszlo 10  
Leopard 16  
Library Path 302  
Lighthouse 545  
lighttpd 6, 16  
lines of code  
  reducing 9  
LinkButton 465  
list  
  refactoring data location 208–214  
ListCollectionView 384  
  filtering 448  
ListLocationsCommand 330  
  modifying 395  
  refactoring to RubyAMF 509  
ListProjectsCommand 329  
  modifying 396  
  refactoring to RubyAMF 509  
ListTasksCommand 328  
  modifying 396  
  refactoring to RubyAMF 508  
LiveCycle Data Services 300  
LoadURLCommand 454  
Location  
  choice, saving 222–225  
  creating 135–137, 376–378  
  creating and listing in Flex 200–207  
  improving security 438  
  modifying GTD semantics 440  
  modifying to produce value objects 498  
  updating and deleting 228–259  
locationCreate event 206  
LocationCreateBox 205  
  creating 112  
  modifying 402  
  modifying to use Cairngorm 340  
LocationDelegate 334  
  modifying 390  
  refactoring to RubyAMF 502  
LocationEvent 203  
  adding support for update and delete 251  
locations.yml 179  
LocationsController  
  adding update and destroy 230  
  fixing 173–178  
  refactoring to RubyAMF 487  
LocationsControllerTest 183

LocationsListBox  
 adding Delete buttons and Completed  
   checkboxes 255  
 creating 116  
 creating and listing locations 201  
 modifying 415  
 modifying to use Cairngorm 350  
 refactoring list data location 213

LocationVO 495

Locomotive  
 installing Ruby 17

logging out  
 adding support for 454–456

login  
 adding to Flex 69–95  
 adding to Rails 57–69  
 requiring 162–165  
 testing from HTML 69

login\_required 162

LoginBox 76, 78, 85, 153  
 modifying to use Cairngorm 354

LoginEvent  
 creating 87

---

**M**

MacCaw, Alex 436, 545

Macromedia 9, 297

MainBox 199, 206  
 adding None object 219  
 adding notes 435  
 creating 89  
 deleting users 465  
 GUI code 108  
 making ComboBox itemRenderers work in  
   TasksListBox 232  
 making projects and locations show up 216  
 modifying 399  
 modifying to enable logout 455  
 modifying to handle new broadcast events 258  
 modifying to use Cairngorm 355  
 refactoring event triggering 525  
 refactoring list data location 208

Malik, Om 77

map.resource 147

map.resources 147, 424

map.root 148

marketing  
 improving 457–460

mass assignment  
 preventing 437

McLeod, Alistair 297

Mephisto 545

Merb 545

Metadata 84, 89

Metal 296

method  
 class vs. instance 141  
 parameter to ServiceUtils 332  
 restricting access to 437

method\_missing 272

microarchitecture 297

Migration 154  
 editing and running 153–156

MIT license 469

mixin 167

model class  
 creating 371–379

ModelLocator 305, 399

Model-View-Controller (MVC) 5, 296

ModifiedCairngormStore  
 getting and running 300–301

Mongrel 6, 16, 24

monkeypatching 292

Mozilla Public License 11

MPL. *See* Mozilla Public License

multiple inheritance  
 gotchas 167

MVC. *See* Model-View-Controller

mx  
 Component 241

mx:Application 35, 44

<mx:Script> 10

MXML 5  
 and ActionScript 10  
 custom component 241  
 vs. html.erb 194

mxmxc 35

mysource.js 37, 45

MySQL 29  
 installing 18

---

**N**

Napkin Look & Feel 296

nested resource 424

NetBeans 19, 21

new method 144

new.rhtml 67, 264

newdb.bat 29, 38

newdb.sh 46

Next Action 12, 436  
  definition 107  
  implementing 439–447  
None object 225–228  
  adding to ComboBox dataProvider 219–222  
Note 423, 428  
  improving security 439  
  modifying to produce value objects 499  
NoteDelegate 431  
  refactoring to RubyAMF 503  
Notely 106, 422–436  
  creating 117  
  implementing online/offline support 531  
  tab, modifying 435  
notes  
  editing in TasksListBox 248–251  
notes.yml 427  
NotesController 425  
  refactoring to RubyAMF 490  
NotesHelper 427  
NoteVO 495  
Null Object pattern 373  
Number 84

## O

---

object-relational mapping 137  
OfflineMainBox 528  
Olson, Rick 58, 545  
onlineCheckURL 530  
Oracle  
  installing adapter for 18  
ORM. *See* object-relational mapping  
outerDocument 242  
Outlook 106

## P

---

package  
  backwards domain name convention 74  
paddingLeft 92  
ParameterMappings.scaffolding 480  
paranoia 437  
PasswordConfirmationValidator 284  
PATH 35  
Path variable 16  
PeepCode 58  
PeepCode RESTful Rails 122  
Photoshop 108  
polymorphism 384

Pomodo 126  
  adding StatusBox 521  
  implementing online/offline support 530  
pomodo  
  converting to AIR 513–522  
  project introduction 12  
Pomodo.mxml 31, 34, 41, 49, 70, 77  
  improving marketing 457  
  modifying to pass user in 110  
  modifying to use Cairngorm 359–361  
  refactoring to RubyAMF 493  
  RubyAMF hello world in 474  
PomodoController 310  
  adding commands 434  
  deleting users 461  
  modifying to enable logout 455  
PomodoModelLocator  
  creating 305–309  
  implementing online/offline support 529  
  modifying 380–385  
  modifying to add Note class 429  
  modifying to let user specify root URL 518  
  refactoring event triggering 526  
  refactoring to RubyAMF 505  
POST 71, 365  
PostgreSQL 18  
Pragmatic Programmer, The 196  
prevent\_access 172  
Principle of Least Astonishment 130  
privacy  
  violation, validating unique email address 283  
Programming Ruby 273  
Project  
  choice, saving 222–225  
  creating 374–376  
  creating and listing in Flex 200–207  
  improving security 438  
  modifying GTD semantics 439  
  modifying to produce value objects 497  
  updating and deleting 228–259  
Project resource  
  creating 135–137  
projectCreate event 206  
ProjectCreateBox 203  
  creating 112  
  modifying 401  
  modifying to use Cairngorm 339  
ProjectDelegate 332  
  modifying 388–390  
  refactoring to RubyAMF 501

- ProjectEvent 202
  - adding support for update and delete 251
- projects.yml 180
- ProjectsController
  - adding update and destroy 229
  - fixing 173–178
  - modifying GTD semantics 445
  - refactoring to RubyAMF 484
- ProjectsControllerTest 184
- ProjectsListBox
  - adding Delete buttons and Completed check boxes 252
  - creating 115
  - creating and listing projects 200
  - modifying 412
  - modifying to use Cairngorm 347
  - refactoring list data location 212
- ProjectVO 495
- protect\_from\_forgery 65
- protected 141

## R

---

- RadRails 19, 21
- Rails 28–32, 38–43, 46–51
  - adding login functionality 57–69
  - background 4
  - freezing version 56
  - history 9–12
  - installation tutorials 16
  - installing 17–18
  - MIT license 470
  - project, creating 22–24
  - project, creating in OS X 23–24
  - project, creating in Windows 22–23
  - rel\_2-0-0\_RC1 56
  - routing code 6
  - validation 266–274
  - validation, integrating with Flex 2
    - validation 276–284
- Rails 1.0
  - compared to Flex 1.0 10
- Rails 2
  - compared to Flex 3 12
  - features and strengths 5–7
  - overview 5–7
  - version, confirming 17
- Rails on AIR 538
- Rails Routing (Digital Shortcut) 425
- Rails to Italy 368, 477
- rake 98, 183
  - rake db:fixtures:load 155
  - rake db:migrate 29, 38, 46, 155
  - rake routes 148, 425
  - Raymond, Scott 119, 121
  - RCP 19
  - RDT. *See* Ruby Development Tools
  - RecordNotFound 172
  - red pill 272
  - reddit 8
  - refactoring
    - refactoring list data location 208–214
      - samurai-coder style 370
      - to RubyAMF 476–511
  - RemoteClass 495
  - RemoteObject 469, 473
  - remoteURL 530
  - render
    - :amf 469–470
    - :text 31, 41, 49
  - request 84
  - required
    - just a visual cue on FormItem 76
  - rescue 172
  - Resource Oriented Architecture 120
  - respond\_to 119
  - REST (Representational State Transfer) 57
    - introduction 120–122
  - RESTful approach
    - reasons to use 122, 124–127
  - RESTful controllers 145
  - RESTful design
    - nouns and verbs 122
  - RESTful route
    - adding 62–63
  - RESTful Web Services 119
  - restful\_authentication 53
    - installing and running 58–59
  - ResultEvent 87
  - RIA. *See* Rich Internet Application
  - Rich Client Platform 19
  - Rich Internet Application 4, 189
  - Richardson, Leonard 119
  - RJS 145
  - routes.rb 146, 424
  - routing 70
    - using to set requested format 146–149
  - RSpec 544
  - Ruby
    - installation tutorials 16
    - installing on Mac OS X 16

- Ruby (*continued*)
    - installing on Windows 16
    - XML support in Ruby 1.8 9
  - Ruby Development Tools 19
  - Ruby for Rails 141
  - Ruby on Rails. *See* Rails
  - Ruby, Sam 119
  - RubyAMF 370, 469
    - flexiblerails branch 470
    - Hello, World 471–476
    - MIT license WebORB exception 470
    - params[0] 484
    - refactoring to 476–511
    - RESTful controller integration 470
    - type conversions 480
  - rubyamf\_config.rb 477
- S**
- 
- Safari 19
  - samurai coder 370
  - save\_with\_gtd\_rules! 440
  - sayhello 31, 41, 49, 70
  - scaffold command 135–161
    - description 135
  - scaffold\_resource command 135
  - scaffolding 135–161
  - schema\_info 61
  - Script
    - mx: 78
  - security 161–185
    - better, with attr\_accessible 436–439
  - security through obscurity 161
  - selectedChild 89
  - self 141
  - server error
    - clearing 283–284
  - ServerErrors 276
  - ServerErrorValidator 276, 278
  - ServiceLocator 493–494
  - services
    - compiler argument 475
  - Services.mxml 469, 492
  - services-config.xml 473
  - ServiceUtils 313, 362
    - modifying 385–386
    - modifying URLs 521
    - send 331
  - SessionDelegate 336
    - modifying 391
  - sessions 167–169
  - SessionsController 63, 69, 80, 164
    - making RESTful 150
    - modifying to enable logout 456
  - SessionsControllerTest 65
  - Shaw, Zed 477
  - show 144
  - ShowNoteCommand 432
    - implementing online/offline support 533
    - refactoring to RubyAMF 509
  - Silicon Valley 538
  - Singleton 493
  - Skinny Controller, Fat Model 444
  - skip\_before\_filter 163
  - slice(0) 385
  - Spacer 78
  - SplashBox 91
    - modifying to hold larger AccountCreateBox 289
    - modifying to use Cairngorm 358
  - SQL Server
    - installing adapter for 18
  - SQLite 18
  - SQLyog 18
  - StatusBox 520
    - implementing online/offline support 533
  - String 72
  - Subclipse 99
  - Subversion 99
  - sudo 58
  - summaryPanel 251
  - support
    - online/offline, implementing 528–536
  - SWF 5
  - Swing 107, 538
  - Symbol 62
  - syntactic sugar 145
- T**
- 
- TabNavigator 106, 115
  - Ta-da List 12
  - Task
    - creating 371–374
    - creating in Flex 195–199
    - editing name in TasksListBox 248–251
    - filtering 447–453
    - improving security 438
    - listing in Flex 187–194

- Task (*continued*)
    - modifying GTD semantics 442
    - modifying to produce value objects 496
    - updating and deleting 228–259
  - Task resource
    - creating 135–137
  - TASK\_CREATE 197
  - taskCreate event 199
  - TaskCreateBox 218
    - adding ComboBox prompt 217
    - creating 111
    - creating tasks 197
    - making projects and locations show up 214
    - modifying 400
    - modifying to use Cairngorm 337
    - saving choices 222
  - TaskDelegate 331
    - modifying 387–388
    - refactoring to RubyAMF 500
  - TaskEvent 196–197
  - tasks.yml 157, 181
  - TasksController 142–145, 166
    - adding update and destroy 228
    - modifying GTD semantics 444
    - modifying to use association proxies 169–173
    - refactoring to RubyAMF 481
  - TasksControllerTest 184
  - TasksListBox 239, 243
    - adding Completed CheckBoxes 246
    - creating 113
    - editing task name and notes 248
    - filtering tasks 448
    - listing tasks 189
    - making ComboBox itemRenderers work in TasksListBox 236
    - modifying 404
    - modifying to use Cairngorm 342
    - refactoring list data location 211
  - TaskVO 495
  - TechCrunch 8
  - test
    - checking 98–99
  - test data
    - approaches to loading 96
  - test/spec 544
  - test/unit 544
  - testing
    - ad hoc, with HTML views 157–161
    - pretend 66
  - Text 78
  - text editor
    - installing 21–22
  - TextArea 115
  - TextInput 71, 115
  - TextMate 9, 19, 21–22, 43, 517
    - creating project 43
    - installing 22
  - Thomas, Dave 9, 477
  - Tiger 16
  - to\_xml 10, 129
    - fixing 132–135
  - to\_xml\_full 268, 276
  - Topfunky 58
  - transfer object 371
  - Tree 108
  - TypeError 523
- ## U
- 
- unsavedNoteContent 530–531
  - update 144
  - update\_attributes 436
  - update\_xml 228–231
  - UpdateLocationCommand 324
    - modifying 397
  - updateLocationIdMap 235
  - UpdateNoteCommand 432
  - UpdateProjectCommand 322
    - listing Tasks 447
    - modifying 397
  - UpdateTaskCommand 321
    - listing Projects 446
    - modifying 398
    - refactoring to RubyAMF 510
  - User 138, 168, 265, 424, 427
    - creating 378–379
    - deleting 460–467
    - modifying GTD semantics 441
    - modifying to add id field 429
  - @user.errors.to\_xml 268
  - UserDelegate 335
    - deleting users 463
    - modifying 391
  - UserController 64, 67, 81, 164, 263
    - adding logger.info statement 273
    - deleting users 460
    - integrating Flex 2 and Rails validation 276
    - making RESTful 149
  - UserControllerTest 65
  - UserTest 65
  - Using Flex Builder 106

**V**

---

validate 266  
validate\_on\_create 266  
validate\_on\_update 266  
validateAll 287  
validates\_confirmation\_of 266  
validates\_length\_of 266  
validates\_uniqueness\_of 266  
validation  
    framework in UI 262  
    in Flex 2 274–275  
    in Rails 267–274  
    in Rails and Flex 266  
    Rails, integrating with Flex 2 276–284  
validation helper 265  
validator  
    Flex 284–289  
value object 371, 477  
    creating 494–496  
VBox 76, 109  
VDividedBox 114  
vi 21, 43  
ViewStack 89  
visible property 115  
Visual Basic  
    GUI builder 106  
Visual C#  
    GUI builder 106  
Vixiom Axioms 545

**W**

---

Web 2.0 186  
WebORB 370, 546  
    omitted from the book since I may be  
    biased 469

WEBrick 6, 23–24, 33  
Webster, Steven 297, 369  
Welcome Aboard 68  
WindowedApplication 518  
Windows Forms 5, 370  
WipeUp 459  
Wischusen, Derek 546  
wizard-generated code 117  
WORA. *See* Write Once, Run Anywhere  
workflowState 320–321, 361  
Write Once, Run Anywhere 4  
writer's block 145  
WS-Death Star 118

**X**

---

XML  
    avoiding 9  
    casting result to XML 84  
    in Flex 109  
    namespace 70  
    native type in ActionScript 3 84  
    support in Rails 9  
    support in Ruby 9  
XMLListCollection 385  
XMLUtils 245

**Y**

---

YAML 9, 370  
    YAML Ain't Markup Language 9  
Yegge, Steve 105, 145

**Z**

---

Zen 106  
Zygmuntowicz, Ezra 545