

Index

A

- ActionScript, 248
- ad blockers, 49
- AdaptiveBlue, 95
- add-ins, StumbleUpon, 190
- Adobe AIR
 - blurring the line between desktop and web experience (Mancini), 6–7
 - desktop.ebay.com, 11
 - not to be equated with Web 2.0 (Engleman), 34–35
 - online/offline functionality enabled by (Turner), 251–252
 - as RIA (Turner), 246–247
 - taking Web applications offline, 50
 - technologies enabling Web 2.0 (Bray and Brewin), 232–233
 - technologies enabling Web 2.0 (Crane), 122
 - technologies enabling Web 2.0 (Mandanes), 201
 - technologies supporting openness (Stone), 149
- Adobe Creative Suite, 249–250
- Adobe Flash
 - in Adobe product line, 243
 - dominance in video, 246
 - Flash Player, market share of, 244, 246
 - rich user interfaces and, 137
 - role of technologies in triggering innovation, 164
 - ThinkFree compatibility with, 110
- Adobe Flex, 248
- Adobe Reader, 243–244
- Adobe Share, beta version, 250
- Adobe Systems Incorporated
 - browser-based technologies vs. Web-enabled desktop technologies, 95
 - new Web 2.0 products in development, 250–251
 - overview of, 243–244
 - product line, 243–244
 - role as enabler of Web 2.0, 253
 - Turner's role at, 244–245
 - working on web-enabled desktop applications, 251
- AdSense, Google
 - ad blockers and, 49
 - advertising as a driver, 23
 - monetization models and, 40
- AdventNet
 - brands of, 81
 - software focus of, 81–82
 - Zoho as division of, 80
- advertising models
 - banner ads, 41
 - business models and, 163
 - as economic driver, 23–24
 - investment in advertising shifting to Internet (Mandanes), 202
 - issues with free software and, 226
 - monetization of E-Commerce and, 4–5, 96–97, 222
 - resistance to advertising on Technorati, 71–72
 - rich media and video advertising, 40–41
 - social networks and, 49–50
 - targeted advertising, 184
 - Web 2.0 and, 158–160
 - Xbox Live, 223–224
 - YouSendIt, 183
- Advertising.com, 159

256 Web 2.0 Heroes

- AI (artificial intelligence)
 - vs. augmented computing, 38
 - interpretation of available data and, 36–37
 - next revolutions on Web (MacManus), 97
- AIR. *See* Adobe AIR
- Aircell, 27
- AJAX
 - for application-like experience on Web, 158
 - compared with DHTML, 239
 - ease of use, 39
 - Google Gears and, 99
 - interactivity and, 95
 - lightweight applications and, 75–76
 - not to be equated with Web 2.0 (Engleman), 34–35
 - not to be equated with Web 2.0 (Harris), 227
 - not to be equated with Web 2.0 (Schachter), 171
 - not to be equated with Web 2.0 (Vegesna), 84–85
 - rich user interfaces and, 137, 246–247
 - role of technologies in triggering innovation, 164
 - technologies supporting openness (Stone), 149
 - technologies supporting Web 2.0 (Bray and Brewin), 232–233
 - technologies supporting Web 2.0 (Camp), 191–192
 - technologies supporting Web 2.0 (Crane), 122
 - technologies supporting Web 2.0 (Harris), 222
 - technologies supporting Web 2.0 (Kumaran), 180, 185
 - technologies supporting Web 2.0 (Mancini), 6
 - technologies supporting Web 2.0 (Mandanes), 201–203
 - technologies supporting Web 2.0 (Smith), 215
 - technologies supporting Web 2.0 (Walker), 139
- AJAX Control Toolkit, ASP.NET, 222, 224
- AJAX Extensions, ASP.NET, 222
- AltaVista, 193
- AltSearchEngines.com, 95–96
- Amazon
 - EC2 and S3 services, 173
 - recommendations by, 38
- Andreessen, Marc, 45
- Apache
 - IBM as proponent of, 210
 - LAMP (Linux, Apache, MySQL, and PHP) platform, 192
- APIs (Application Programming Interfaces)
 - Harris on Microsoft's use of open APIs, 225
 - LinkedIn strategy regarding, 125–127
 - open platform, 158
 - Technorati making use of XML-based APIs, 63
 - Twitter providing to developers, 150
- Apple mobile computing, 112
- application platform, Web 2.0 as a platform shift (Kang), 110
- Application Programming Interfaces. *See* APIs (Application Programming Interfaces)
- Application Service Provider (ASP). *See also* SaaS (Software as a Service)
 - as business models, 105
 - compared with SaaS, 142
- applications. *See also* software
 - Adobe work on web-enabled desktop applications, 251
 - app as platform, 31–32
 - application-orientation vs. Web page orientation, 183
 - building/holding market share on Web, 162–163
 - monetization of, 160, 225–226
 - remixability of, 214–215
 - “situational applications” or disposable applications, 215–216
 - user-controlled experience and, 31–33
- aQuantive, 159
- Arrington, Michael, 92
- Ask3D, 36–37
- Ask.com, 30. *See also* Bloglines
- ASP (Application Service Provider). *See also* SaaS (Software as a Service)
 - as business models, 105
 - SaaS compared with, 142
- ASP.NET
 - AJAX Control Toolkit, 222
 - AJAX Extensions, 222

- rich user interfaces and, 138
- technologies supporting Web 2.0 (Harris), 222
- ATOM**
 - remixability and, 212
 - self-publishing and, 240
- “Atomization of the Web” (Mancini), 13
- augmented computing
 - vs. artificial intelligence, 38
 - interpretation of available data and, 36–37
- B**
- banner ads
 - ad blockers and, 49
 - advertising fatigue and, 159
 - as business model, 41
- bar code readers, phones containing, 26
- Berners-Lee, Tim, 43, 68, 95
- Bianchini, Gina (Ning.com)
 - background of, 46–47
 - on community-driven sites, 51
 - on localization, 52
 - on next revolutions on Web, 51–52
 - on online/offline applications, 50
 - role in starting Ning.com, 45
 - on S+S, 50
 - on Semantic Web, 50
 - on setting up Web communities, 48–49
 - sound bites, 53
 - on Web 2.0, 47
- Bloglines
 - features of, 32–33
 - history of, 30–31
 - monetization models and, 40–41
 - overview of, 29
- blogs/blogging
 - Favorites service, 61
 - history of, 58
 - intellectual property issues, 98
 - mix/remix capacity in, 124–125
 - moving into mainstream, 59
 - popularity of Bloglines, 29
 - Read/Write Web. *See* Read/Write Web
 - role of Technorati in tracking, 55
 - Twitter as microblog, 146
- Blummy, 39
- Boeing, Connexion service, 26–27
- bookmarks
 - bookmarklets, 39
 - social bookmarking, 170
- Bray, Tim (Sun Microsystems)
 - on AJAX, Silverlight, Adobe AIR, 232–233, 239
 - background of, 230
 - on benefits of Web 2.0 to Sun Microsystems, 234
 - on monetization of Web 2.0, 236
 - on next revolutions on Web, 240
 - role at Sun Microsystems, 231–232
 - on SaaS and S+S, 239
 - on Semantic Web, 237–238
 - sound bites, 241
 - on uniqueness of Web 2.0, 240–241
 - on Web 2.0, 232–233
 - on Web 2.0 bubble, 234
 - on Web 2.0 cool features, 235
 - on Web 2.0 misunderstandings, 233
- Brewin, Bob (Sun Microsystems)
 - on AJAX, Silverlight, Adobe AIR, 232–233
 - background of, 230
 - on monetization of Web 2.0, 236
 - on next revolutions on Web, 239–240
 - role at Sun Microsystems, 230–231
 - on SaaS and S+S, 238–239
 - on Semantic Web, 237
 - sound bites, 241
 - on uniqueness of Web 2.0, 240–241
 - on Web 2.0, 232–233
 - on Web 2.0 bubble, 233–234
 - on Web 2.0 cool features, 234–235
- broadband
 - connectivity and, 113
 - as enabler relative to Web 2.0, 201
 - mobility and, 206
 - taking applications offline and, 141
- browsers
 - browser-based technologies vs. Web-enabled desktop technologies, 95, 224
 - limitations of browser-based approach, 109
- bubbles, Web
 - Bubble 2.0 (Carroll), 73–74
 - bursting the IPO bubble of 2000/2001, 5
 - on potential for Web 2.0 bubble (Bray and Brewin), 233–234
 - on potential for Web 2.0 bubble (Engleman), 42–43
- business ethics, impact of Web 2.0 on, 131–132
- business models. *See also* advertising models; monetization models

258 Web 2.0 Heroes

advertising and, 163
 ASP (Application Service Provider) as, 105
 banner ads as, 41
 E-Commerce offerings need for, 22, 73–75
 for Ning, 49
 SaaS and S+S and, 141–142
 for Twitter, 151
 types of (Harris), 226
 for Web 2.0 businesses, 96–97, 222
 Web 2.0 features supporting, 138
 for Xbox Live, 223–224
 Buzzword word processor, 252

C

Camp, Garret (StumbleUpon)
 on AJAX technology, 191–192
 background of, 190
 on LAMP platform as basis of many Web 2.0 systems, 192
 on next revolutions on Web, 197
 on Open Source in Web 2.0, 192
 on privacy, 196
 on SaaS and S+S, 196–197
 on Semantic Web, 194
 sound bites, 198
 on Web 2.0, 191
 on Web 2.0 cool features, 194–195
 on Web 2.0 issues, 195–196
 on Web 2.0 misunderstandings, 193

Carroll, Dorion (Technorati)
 on advantage of scale in Web competition, 66–68
 background of, 56–57
 on business models for E-Commerce offerings, 73–75
 on history of Technorati, 57–61
 on microformats, 63–65
 on next revolutions on Web, 76–77
 on openness as key feature of Web 2.0, 72
 on resistance to advertising in Technorati, 71–72
 on scaling vs. innovation in start-ups, 65–66
 sound bites, 77–78
 on success of Technorati, 73
 on sustainability as focus for Technorati, 68–71
 on Web 2.0, 61–63
 on Web 2.0 cool features, 75–76
 on Web 2.0 misunderstandings, 73

CD-ROMs, Meckler's work with, 17

cell phones
 bar code readers in, 26
 business opportunities related to, 25
 next revolutions on Web (Walker), 143
 open platform and, 27

censorship, Technorati and, 72

chat rooms, embeddable, 157

citizen journalism, 70

Clue Train Manifesto, 31

CoComments, 39

collaboration
 adding collaborative capacity to word processors, 84
 benefits of working online, 83
 as characteristic of Web 2.0 (Kumaran), 178
 collaborative efforts on Web, 83–84
 real-time vs. off-line, 180–181
 social constructs and, 226–227
 YouSendIt and, 179
 Zoho and, 79–80

.COM bust. *See also* bubbles, Web
 bursting the IPO bubble of 2000/2001, 5
 compared with bubble potential in Web 2.0 (Engleman), 42–43
 resurgence of Web following, 34

communication
 importance of communication with customer base, 34
 Web 2.0 and, 149
 Web as communication media, 137

communities
 dynamics of community-driven sites, 51
 early examples of community web sites, 21
 as an E-Commerce asset, 22–23
 interactive quality of, 191
 Internet and, 50
 not necessarily part of Web 2.0 (Schachter), 171
 process of setting up, 48–49
 Twitter. *See* Twitter
 Web 2.0 concepts (Vegesna), 85
 Web 2.0 supports for, 249
 web content generated by, 9

conferencing tools, Zoho Meeting, 80

connections, trust as basis of LinkedIn connections, 119–120

connectivity
 airlines and, 27

- availability of, 141
 - broadband and, 113
 - continuously connected, 8
 - Kang on, 113–114
 - Kumaran on, 185
 - Madanes on, 205–206
 - Meckler on, 26–27
 - Schachter on, 175
 - Stone on, 153
 - Turner on, 252
 - Twitter and, 153
 - Wi-Fi issues, 252
 - Connexion service, Boeing, 26–27
 - consumers
 - benefits of Web to, 205
 - consumer-focus, of Meebo, 160
 - consumer-focus, of web businesses, 213–214
 - consumer-generated content, 9
 - role in driving businesses, 213–214
 - sharing information and, 213
 - trends in media consumption, 197
 - content
 - content-oriented developers, 215
 - discovery, 194
 - “head” content vs. “tail” content (Crane), 123–124
 - personalizing content discovery (StumbleUpon), 190
 - relevance of information and, 213
 - RSS feeds and availability of, 245–246
 - search and syndication services on Web and, 137
 - sites focusing on premium content, 96–97
 - user feedback/input for determining quality of, 193
 - user-generated, 23, 249
 - Web 2.0 features supporting content management, 138
 - control, large companies and, 12–13, 14
 - copyright
 - availability of information and, 39–40
 - free flow of information and, 98
 - Open Source issues, 225
 - Craigslist
 - on Craigslist/Google Maps mashup (Mancini), 4
 - as example of Web 2.0, 85
 - Crane, Patrick (LinkedIn)
 - on AJAX, Silverlight, Adobe AIR, 122
 - on API strategy of LinkedIn, 125–127
 - background of, 118–119
 - on “head” count vs. “tail” count, 123–124
 - on information sharing, pros and cons, 127–128
 - on LinkedIn, 119
 - on next revolutions on Web, 129–132
 - on power of Web 2.0 sites, 125
 - on “promiscuous linking”, 121–122
 - on Semantic Web, 128–129
 - sound bites, 132–133
 - on Web 2.0, 119–121
 - on Web 2.0 foundations, 122–123
 - on Web 2.0 new features, 124–125
 - Creative Suite, Adobe, 249–250
 - CRM (Customer Relationship Management), 80
 - culture of contribution, 232. *See also*
 - collaboration
 - Customer Relationship Management (CRM), 80
 - customers
 - importance of communication with
 - customer base, 34
 - responsiveness to needs of, 211–212
 - YouSendIt enabling relationships between customers and their customers, 179
- ## D
- data. *See also* Semantic Web
 - causes of data loss, 107
 - free movement of, 179
 - issues regarding availability of public information, 39–40
 - management, 43
 - mechanization of data related tasks, 183
 - Semantic Web having data focus, 172
 - synchronizing online/offline, 141
 - database applications, in Zoho suit, 80
 - del.icio.us
 - for bookmarking, 194
 - empowerment of people, 231
 - factors in success of, 175
 - founder of, 170
 - low barrier to entry as factor in creation of, 171
 - overview of, 169–170
 - desktop environment
 - Adobe’s work web-enabling, 251
 - barriers to move from desktop to Web, 112

260 Web 2.0 Heroes

- blurring the line between desktop and web experience, 6–7, 14
 - browser-based technologies vs. Web-enabled desktop technologies, 95, 224
 - interaction with Web, 152–153
 - offline functionality and, 50, 249–250
 - real-time vs. off-line collaboration, 180–181
 - on role of desktop vs. Web (Kumaran), 184–185
 - on role of desktop vs. Web (Meckler), 26
 - on role of desktop vs. Web (Walker), 142
 - Web 2.0 and, 34
 - YouSendIt's desktop applications, 180–181
 - desktop.ebay.com, 11
 - developers
 - content-oriented, 215
 - culture of contribution and, 232
 - eBay's relationship to third-party developers, 2–3
 - issues facing, 227
 - trial and error approach due to low transaction cost, 171–172
 - devices
 - next revolutions in Web, 143
 - rich clients in mobile devices, 234
 - DHTML (Dynamic HTML), 239
 - Digg
 - cool things on Web 2.0 (Engleman), 38
 - cool things on Web 2.0 (Vegesna), 86
 - sharing information and, 123
 - watching tech trends, 194
 - discussion forums, user-generated content in, 23
 - Disruptive Innovation team, eBay, 3
 - distribution, eBay's use of Web 2.0 for, 11–12
 - DNN (DotNetNuke)
 - creation of, 136
 - features supporting Web 2.0, 137–138
 - overview of, 135–136
 - documents
 - creating online, 107–108
 - ThinkFreeDocs as YouTube for documents, 110
 - Dogear, 216
 - domain-specific languages (DSLs), 240
 - Dorsey, Jack, 146
 - DotNetNuke. *See* DNN (DotNetNuke)
 - DoubleClick, advertising, 159
 - drag and drop editing, for customizing web experience, 33
 - DSLs (domain-specific languages), 240
 - Dynamic HTML (DHTML), 239
- ## E
- eBay
 - Disruptive Innovation team, 3
 - distribution and, 11–12
 - focus on social commerce, 3–4
 - interactive experience with eBayToGo, 11–12
 - justifying development costs, 12–13
 - main components of, 8
 - overview of, 1–2
 - Platform team, 2–3
 - “trust and safety” (security), 6
 - Web 2.0 and, 4
 - eBay Desktop, as web-enabled application, 252
 - eBay marketplaces, 8
 - eBayToGo, 11
 - EC2 (Elastic Compute Cloud), Amazon, 173
 - E-Commerce
 - advertising models as economic driver, 23–24
 - business models for, 22–23, 73–75
 - eBay platform for, 2
 - monetization models and, 4–5
 - Elastic Compute Cloud (EC2), Amazon, 173
 - Ellison, Larry, 104
 - email
 - Twitter support for, 151
 - Zoho Mail, 80
 - embeddable chat rooms, 157
 - empowerment of people. *See also* self-publishing
 - sharing information and, 212–213
 - Web 2.0 technologies and, 158, 231
 - encryption, 87
 - Engleman, Eric (Bloglines)
 - on Ask3D, 36–37
 - background of, 30
 - on Bloglines, 30–32
 - on communication with customer base, 34
 - copyright and intellectual properties, 39–40
 - drag and drop editing, 33
 - on intelligence in searches, 36–37

- on monetization models, 40–41
- on next revolutions on Internet, 43
- on rich media and video advertising, 41
- on SaaS and S+S, 42
- on Semantic Web, 35–37
- sound bites, 44
- on user accessibility in Web 2.0, 33–34
- on Web 2.0, 31–32
- on Web 2.0 bubble effect, 42–43
- on Web 2.0 cool features, 38–39
- on Web 2.0 not being limited to specific applications, 34–35
- Enterprise Web 2.0, 86–87
- enterprises
 - issues with free software, 226
 - potential benefits of Web 2.0 to, 205
 - Web 2.0 enabled, 211
 - web service infrastructures being created for, 250
- entertainment, next revolutions on Internet, 25
- entry-level costs
 - as enabler relative to Web 2.0, 201
 - start-ups and, 195
 - Web 2.0 development and, 171–173, 236
- Epinions, 9
- ExtraTasty web site, skinnyCorp., 51

F

- Facebook
 - advertising as economic driver, 23
 - content discovery, 194
 - division of eBay, 3
 - interpretation of available data and, 36
 - LinkedIn API strategy compared with, 126
 - Microsoft tools used by, 225
 - open platform trend and, 10
 - potential of social networks and, 51
 - social graphing by, 183
 - success of E-Commerce and, 22
 - success of social networking and, 137
 - Twitter's integration with, 151
 - user-controlled experience and, 32
 - widgets, 252
- facial recognition, Semantic Web and, 184
- Farecast, 194
- favorites, storing on Web (del.icio.us), 170
- Favorites blog, 61
- files, sending/receiving, 178. *See also* YouSendIt

- Flash. *See* Adobe Flash
- Flash Player, market share of, 244, 246
- Fletcher, Mark, 29–30
- Flex, Adobe, 248
- Flickr
 - business models for E-Commerce offerings, 74–75
 - cool things on Web 2.0 (Engleman), 38–39
 - cool things on Web 2.0 (Vegesna), 86
 - empowerment of people, 158, 231
- forums
 - diversity of visitors to, 61
 - economic value of, 23
- freedom, Internet as enabler for, 47
- Friis, Janus, 200
- FTP, 178

G

- GAIM, 160
- The Globe web site, 21
- Google
 - advantage of scale in Technorati's competition with, 66–68
 - advertising as economic driver for E-Commerce, 23
 - advertising models for monetization of E-Commerce, 96–97, 159
 - browser-based technologies vs. Web-enabled desktop technologies, 95
 - issues regarding availability of public information, 39–40
 - OpenSocial, 10
 - popularity of, 193
 - SaaS and, 97–98
 - Technorati searches compared with, 68
 - vulnerability of (Meckler), 24
- Google Apps
 - as example of SaaS, 97–98
 - online office space, 79
- Google Gears
 - limitations and potential of, 112
 - online/offline functionality, 50, 99, 252
- Google Maps, 4
- graphics, Jupitermedia providing, 16
- grassroots. *See also* user-controlled experience
 - Internet as enabler for, 48
 - Web 2.0 as grassroots movement, 82
 - YouSendIt having grassroots adoption, 181

262 Web 2.0 Heroes

H

Harris, Tim (Microsoft Corporation)
 on collaboration and publishing, 226–227
 on monetization models, 225–226
 on open APIs, 225
 on Open Source, 225
 role at Microsoft, 222
 on Semantic Web, 228–229
 on Web 2.0, 222–223
 on Web 2.0 cool features, 228
 on Web 2.0 future directions, 227
 on Web 2.0 misunderstandings, 227
 on Web 2.0 technologies at Microsoft, 224–225
 on Xbox 360, 223–224
 “head” content vs. “tail” content, 123–124
 hiring challenges, 161
 Hoffman, Reed, 131
 HREF tags, 64

I

IBM (International Business Machines)
 cool uses of Web 2.0, 216–217
 Innovation Jam, 213
 IOD (Information On Demand)
 conference, 214
 length of project cycles and, 214
 overview of, 209–210
 web innovation at, 214
 IDE (Integrated Development Environment),
 Flex and, 248
 IM (instant messaging)
 benefits of, 165–166
 Meebo changes to, 157
 MSN Messenger and, 224
 overview of, 156
 Twitter and, 145–146
 Twitter support for, 151
 image recognition, Semantic Web and, 184
 images, Jupitermedia providing, 16
An Inconvenient Truth (Gore), 69
 information
 availability of public information, 39–40
 quality of (MacManus), 98
 Information On Demand (IOD) conference,
 IBM, 214
 information sharing. *See* sharing information
 innovation
 eBay’s Disruptive Innovation team, 3

IBM’s relationship to, 214
 importance of a compelling product
 (Stone), 151
 next revolutions in (Madanes), 205
 resurgence following dot-com bust, 201
 scaling vs. innovation in start-ups, 65–66
 technologies stimulating, 164–165
 Web and, 161
 Innovation Jam, IBM (International Business
 Machines), 213
 instant messaging. *See* IM (instant
 messaging)
 Integrated Development Environment (IDE),
 Flex and, 248
 Intel, mobile computing and, 112
 intellectual property
 availability of public information, 39–40
 free flow of information and, 98
 issues facing developers, 227
 Open Source issues, 225
 intelligence, in searches, 36–37. *See also*
 Semantic Web
 interactivity. *See also* social networks
 AJAX and, 95
 as characteristic of Web 2.0 (Camp), 191
 International Business Machines. *See* IBM
 (International Business Machines)
 Internet. *See* Web
 Internet Explorer, 221
 Internet.com
 background of, 19–21
 overview of, 15–16
 as portal to many web sites, 16
 IOD (Information On Demand) conference,
 IBM, 214
 iPhone
 mobile computing and, 112
 next revolutions on Web (Sternberg), 165
 IPO bubble of 2000/2001. *See* bubbles, Web
 Iskold, Alex, 95

J

Java programming language
 Kumaran on, 186
 rich clients in mobile devices, 234
 Sun Microsystems and, 229–230
 JavaFX Mobile
 next revolutions on /web, 237
 rich clients in mobile devices, 234

JavaScript
 ease of use and, 75–76
 iPhone capacity for, 165
 Jen, Sandy, 156
 jobs, hiring challenges, 161
 JRuby, rich clients in mobile devices, 234
 JumpCut, 124
 Jupitermedia
 background of, 19–21
 Internet.com and, 15–16
 JupiterOnlineMedia, 16

K

Kang, TJ (ThinkFree)
 background of, 103–106
 on connectivity, 113–114
 on creating documents online, 107–108
 on next revolutions on Web, 111–115
 on SaaS and SOA, 106–107
 on Semantic Web, 111
 sound bites, 115
 on Web 2.0, 108–110
 on Web 2.0 misunderstandings, 110
 Kapur, Mitch, 17
 keywords, Google, 23
 Kijiji, eBay classified, 2
 Kiva.org, 131
 Korean Word Processor, 104
 Kumaran, Ranjith (YouSendIt)
 on AJAX, 180, 185
 background of, 178
 on connectivity, 185
 on desktop applications, 180–181,
 184–185
 on Java, 186
 on next revolutions on Web, 183
 on SaaS and S+S, 184
 on security as relates to information
 sharing, 181–182
 on Semantic Web, 184
 on Silverlight, 185–186
 on single service vs. multiple service
 orientation, 182–183
 sound bites, 187
 on Web 2.0, 178–179
 on Web 2.0 issues, 182
 on Web 2.0 misunderstandings, 181

L

LAMP (Linux, Apache, MySQL, and PHP)
 platform, 192
 Last.fm, 194
 learning curve, Web 2.0 lowering, 33
 lightweight applications, 75–76
 line-of-business relationships
 as barrier to innovation
 involving in information content and
 publishing, 213
 meeting their needs for specialized
 applications, 214
 Web 2.0 transforming, 216
 Linked Data Web, 24–25. *See also* Semantic
 Web
 LinkedIn
 advertising as economic driver for E-
 Commerce, 23
 API strategy of, 125–127
 controls preventing “promiscuous linking”,
 121–122
 impact on business ethics, 131–132
 media consumption and, 129–130
 membership count, 126
 overview of, 117–118
 as professional networking site, 119
 providing map of professional
 environment, 127–128
 relationship management and, 122
 Linux
 IBM as proponent of, 210
 LAMP (Linux, Apache, MySQL, and PHP)
 platform, 192
 ThinkFree compatibility with, 102
 Live Search, Microsoft, 222
 localization, as goal at Ning.com, 51–52
 Lotus Connections, IBM, 216

M

Macintosh OSs, ThinkFree compatibility
 with, 102
 MacManus, Richard (Read/WriteWeb & Web
 2.0 Workgroup)
 on AJAX, 95
 background of, 92
 on business model for Web 2.0 businesses,
 96–97
 on intellectual property and information
 quality, 98

264 Web 2.0 Heroes

- on next revolutions on Web, 97
- on offline functionality, 98–99
- on Read/Write Web, 92–93
- role in Web 2.0 Workgroup, 93
- on SaaS and S+S, 97–98
- on Semantic Web, 95
- sound bites, 99
- on Web 2.0, 93–94
- on Web 2.0 cool features, 95–96
- on Web 2.0 misunderstandings, 94–95
- Madanes, Rodrigo (Skype)
 - on advertising, 202
 - on AJAX, Silverlight, Adobe AIR, 201
 - background of, 200
 - on connectivity, 205–206
 - on next wave of innovation, 205
 - on SaaS and S+S, 205
 - on Semantic Web, 203–204
 - sound bites, 206–207
 - on Web 2.0, 201–202
 - on Web 2.0 cool features, 206
 - on Web 2.0 misunderstandings and issues, 202–203
- Mancini, Max (eBay), 1
 - on connectivity, 7–8
 - on Craigslist/Google Maps mashup, 4
 - on development costs, 12–13
 - on eBayToGo, 11–12
 - on Facebook, 3
 - on how new components fit into Web 2.0 world, 6–7
 - on monetization models, 4–5
 - role at eBay, 2–3
 - on SaaS and S+S, 10
 - on security, 5–6
 - on Semantic Web, 8–9
 - sound bits, 13–14
 - on willingness of users to tag information, 10
- market share
 - Flash Player, 244, 246
 - web applications and, 162–163
- marketing
 - social networks and, 140–141
 - street-level viral, 125
- mashups
 - APIs and, 125
 - Craigslist/Google Maps mashup, 4
 - creating on Popfly, 222
 - IBM's work with enterprise mashups, 210
 - Xbox Live platform and, 224
- massively parallel processors, 240
- McNealy, Scott, 104
- Mechanical Turk, 184
- Meckler, Alan (Internet.com)
 - advertising models as economic driver for E-Commerce offerings, 23–24
 - background of, 16–18
 - on cell phone use, 27
 - community as an asset, 22–23
 - on connectivity, 26–27
 - defining Web 2.0, 21–22
 - on desktop environment, 26
 - on Internet.com and Jupitermedia, 19–21
 - on need for a business model for E-Commerce offerings, 22
 - on pros/cons of Web 2.0, 23–24
 - role with Jupitermedia, 15
 - on SaaS and S+S, 26
 - on Semantic Web (Web 3.0), 24–25
 - sound bites, 27–28
 - on voice recognition, 25
- media
 - impact of Web 2.0 on, 202, 205
 - Jupitermedia as provider for, 15
 - tagging, 149
- media consumption
 - increase in, 119–120
 - LinkedIn and, 129–130
 - online media vs. traditional media, 197
- Meebo
 - application-like experiences on Web, 158
 - background of, 156–157
 - consumer-focus of, 160
 - iPhone and, 165
 - Meebo Rooms, 157
 - overview of, 155–156
 - text messaging and, 165–166
- Meebo Rooms, 157
- metadata
 - transactions and, 179
 - trends in Web development, 228
- microformats
 - Semantic Web and, 62
 - standardization and, 63
 - tags and, 64
- microformats.org, 63
- micro-lending, 130

- Microsoft Corporation
- advertising models for monetization, 96–97
 - browser-based technologies vs. Web-enabled desktop technologies, 95
 - difficulty of competing with, 104
 - DotNetNuke running on Microsoft platform, 136
 - involvement in Web 2.0, 221–222
 - open APIs and, 225
 - SaaS and, 97–98
 - Web 2.0 technologies of, 224–225
 - Windows OSs' role in popularity of Microsoft applications, 108–109
- Microsoft Exchange Server, as prototypical Web 2.0 app, 228
- Microsoft Office
- dominance of, 108
 - ThinkFree compatibility with, 101
- Microsoft Office Live, 79
- Microsoft Silverlight
- blurring the line between desktop and web experience (Mancini), 6–7
 - Kumaran on, 185–186
 - Madanes on technologies enabling Web 2.0, 201
 - not to be equated with Web 2.0 (Engleman), 34–35
 - as RIA (Turner), 246–247
 - rich user interfaces and, 137
 - technologies enabling Web 2.0 (Bray and Brewin), 232–233
 - technologies enabling Web 2.0 (Crane), 122
 - technologies supporting openness (Stone), 149
 - tools for web development, 224
- Microsoft Windows OSs
- role in popularity of Microsoft applications, 108–109
 - ThinkFree compatibility with, 102
- MID (mobile Internet device), from Intel, 112
- mix/remix. *See* remixability
- mobile Internet device (MID), from Intel, 112
- mobile phones
- business opportunities related to, 25
 - next revolutions on /web, 237
 - Skype working with, 199
 - Twitter and, 145–146
- mobility
- applications (Sternberg), 165–166
 - broadband and, 206
 - coolest Web 2.0 features (MacManus), 96
 - Intel and, 112
 - next revolutions on Web (Sternberg), 165
 - opportunities in, 8
 - rich clients in mobile devices, 234
 - Twitter and, 151, 153
 - Web-based applications (Vegesna), 88–89
- monetization models. *See also* advertising models; business models
- AdSense, Google and, 40
 - advertising models, 96–97, 163–164
 - applications and, 160
 - for Bloglines, 40–41
 - issues facing developers, 227
 - justifying cost of Web 2.0 features, 162
 - need for a business model for E-Commerce offerings, 22
 - need for evolution of monetization models, 13–14
 - for Ning, 49
 - Open Source issues, 225
 - premium services and, 159
 - ROI (return on investment) and, 236
 - security and, 5–6
 - subscriptions as basis of, 226
 - success of E-Commerce and, 4–5
 - Web 2.0 and, 23–24, 158–160
 - for YouSendIt, 183–184
- Mozilla Prism, 252
- MSN Messenger, 224
- MySpace
- integration with Meebo chat rooms, 157
 - Microsoft tools used by, 225
 - success of E-Commerce and, 22
 - success of social networking and, 52, 137
- MySQL, 192
- N**
- Netflix, 244, 247
- “The Network is The Computer” (Sun Microsystems), 229, 234
- networking. *See* social networks
- news analysis, 92. *See also* Read/Write Web newsfeeds, Bloglines and, 29. *See also* RSS feeds
- Niagara/Niagara 2 processors, Sun Microsystems, 234–235

266 Web 2.0 Heroes

Ning.com
 founders, 45
 overview of, 45–46
 notebooks, Zoho Notes, 80

O

Office. *See* Microsoft Office
 office suites
 dominance of Microsoft Office, 108
 predictions regarding SaaS, 114
 offline functionality
 access issues (Vegesna), 86–87
 barriers preventing move from desktop to Web, 112
 MacManus on, 98–99
 relationship between online and offline applications, 50
 Turner on, 249–250
 Walker on, 141
 Oliveira, Fred, 91
 online auctions, eBay, 1–2
 online functionality
 benefits of working online, 82–83
 connectivity issues, 174
 creating documents online, 107–108
 relationship between online and offline applications, 50
 ThinkFree. *See* ThinkFree
 Walker on, 141
 online office, Zoho, 79–80
 online processors, 83–84
 online video, 96
 online/offline functionality, Google Gears, 50, 99, 252
 open platform
 cell phones and, 27
 as key feature of Web 2.0, 72, 149–150
 vs. privacy, 147–149
 technologies supporting, 149
 trend in, 10, 13
 Open Source
 DNN licensed under, 135–136
 as enabler relative to Web 2.0, 201
 IBM as proponent of, 210
 limitations and issues with, 225
 pros/cons of, 160–161
 Web 2.0 and, 192
 OpenSocial, Google
 LinkedIn API strategy and, 126–127

overview of, 10
 social graphing by, 183
 optical discs, 17
 O'Reilly, Tim, 65, 191, 211
 O'Reilly Web 2.0 doc, 31–32

P

Pandora, 194
 PayPal
 main components of eBay business, 8
 success of, 186
 transaction fees and, 2
 PDF files, 243
 peer-to-peer technology, in Skype, 199
 personalization
 content discovery and, 190
 Netflix, 247
 StumbleUpon, 194–195
 supported in Web 2.0, 249
 trends in Web development, 193
 phone technologies. *See* telecommunications
 photos, role of Jupitermedia in providing images, 16
 PHP, 192
 ping-collecting services, 58
 Ping-O-Matic, 58
 Platform team, eBay, 2–3
 platforms
 app as platform, 32
 DNN as both site and site building platform, 135
 LAMP, 192
 trend in open platforms, 10
 Web 2.0 as a platform shift (Kang), 108, 110
 plug-ins, YouSendIt, 180–181
 politics, blogging and, 59–60
 Popfly, 222
 predictability, large companies and, 12–13, 14
 Predictify, 194
 premium content, 96–97
 premium services, 159
 privacy
 Camp on, 196
 openness vs., 147–149
 protecting, 128
 processors
 massively parallel, 240
 Niagara and Niagara 2 processors, 235

professionals, LinkedIn for professional networking, 119
 project management, Zoho Project, 80
 “promiscuous linking”, LinkedIn preventing, 121–122
 public information, availability on Web, 39
 publishing. *See* self-publishing

R

Reader, Adobe, 243–244
 Read/Write Web
 MacManus on, 92–93
 overview of, 91–92
 Web 2.0 concepts (Vegesna), 85
 recommendations
 Amazon, 38
 StumbleUpon, 190, 195
 rel attribute, HREF tags, 64
 relationships
 impact of Skype on, 203
 LinkedIn and relationship management, 122
 reliability, Twitter business model focusing on, 151
 remixability
 in blogs/bloggng, 124–125
 of content (Smith), 212
 of old technologies (Smith), 214–215
 return on investment (ROI), Web 2.0
 development and, 235–236
 RIAs (Rich Internet Applications)
 building on SOA model, 215
 Microsoft and Adobe for Web-enabling the desktop, 95
 user experience and, 246–247
 rich media
 business perspective on, 215
 embeddable chat rooms, 157
 enabled on Web 2.0, 245
 innovations in, 201
 rich clients in mobile devices, 234
 technologies supporting rich interfaces, 137
 video advertising and, 41
 ROI (return on investment), Web 2.0
 development and, 235–236
 RSS feeds
 availability of content and, 245–246
 Bloglines consuming, 30, 32

monetization models and Bloglines and, 40–41
 remixability of, 212
 technologies supporting Web 2.0 (Harris), 222
 Technorati and, 63, 73
 Web 2.0 technologies built on, 224
 Ruby on Rails
 as domain-specific language, 240
 ease of creating Web 2.0 applications with, 248–249
 rich clients in mobile devices, 234

S

S+S (Software plus Services)
 Bianchini on, 50
 Bray and Brewin on, 238–239
 Camp on, 196–197
 Engleman on, 42
 Kumaran on, 184
 MacManus on, 97–98
 Madanes on, 205
 Mancini on, 10–11
 Meckler on, 26
 Microsoft program for integrating Web 2.0 capabilities, 223
 Schachter on, 173–174
 Sternberg on, 166
 Stone on, 152–153
 Turner on, 250–251
 Vegesna on, 88
 Walker on, 141–142
 S3 (Simple Storage Service), Amazon, 173
 SaaS (Software as a Service)
 Bray and Brewin on potential of, 238–239
 Camp on, 196–197
 Engleman on, 42
 Gartner report of predictions regarding, 114
 Kang on, 106–107
 Kumaran on, 184
 MacManus on, 97–98
 Madanes on, 205
 Mancini on, 10–11
 Meckler on, 26
 Schachter on, 173–174
 Sternberg on, 166
 Stone on, 152–153
 Turner on, 250–251
 Vegesna on, 88, 89
 Walker on, 141–142

268 Web 2.0 Heroes

- Safari, iPhone capacity for, 165
- scale
 - advantage of scale in Technorati's competition with Google, 66–68
 - scale and number of potential users (Walker), 140–141
 - scaling vs. innovation in start-ups, 65–66
- Schachter, Joshua (del.icio.us)
 - on AJAX, 171
 - background of, 170
 - on community, 171
 - on connectivity, 175
 - on entry-level barriers in Web 2.0 environment, 171
 - on next revolutions on Web, 172–173
 - on SaaS and S+S, 173–174
 - on Semantic Web, 172
 - sound bites, 175
 - on Web 2.0, 170–172
 - on Web 2.0 misunderstandings, 172
- schedulers/planners, Zoho Planner, 80
- Schwartz, Jonathan, 239
- Scion, 71
- scripting languages, 248
- search engines
 - as information locating utility, 140
 - mixed results obtained with, 189
- searches. *See also* Semantic Web
 - chronology vs. relevance, 158, 164
 - crawlers and indexers, 193
 - developments in, 95–96
 - semantic basis of, 253
 - Technorati compared with Google, 68
 - ThinkFree features, 111
- security
 - barriers preventing move from desktop to Web, 112–113
 - information sharing and, 181–182
 - information sharing and monetization and, 5–6
 - issues regarding Web 2.0 (Vegesna), 86–87
 - self expression and, 128
- self-publishing. *See also* empowerment of people
 - Atom protocol and, 240
 - blogging and, 57–58
 - democratization of publishing, 227
 - as foundations of Web 2.0 (Crane), 122–123
 - popularity of, 9
 - security issues and, 128
 - technologies supporting, 122
 - Web 2.0 and, 13, 149
 - Web technologies empowering individuals, 158
- Semantic Web
 - Bianchini on, 50
 - Bray and Brewin on, 237–238
 - Camp on, 194
 - Carroll on, 62
 - Crane on, 128–129
 - Engleman on, 35–37
 - Harris on, 228–229
 - Kang on, 111
 - Kumaran on, 184
 - MacManus on, 94–95, 97
 - Madanes on, 203–204
 - Mancini on, 8–9
 - mechanization of data related tasks, 183
 - Meckler on, 24–25
 - as next Web revolution, 43
 - Schachter on, 172
 - Sternberg on, 164–165
 - Stone on, 152
 - Turner on, 253
 - user interaction and, 37
 - Vegesna on, 87–88
 - Walker on, 139
- service-level agreements, 227
- Share beta, from Adobe, 250
- sharing information
 - consumers and, 213
 - as foundations of Web 2.0 (Crane), 122–123
 - monetization and, 5–6
 - privacy vs. openness, 147–149
 - pros/cons (Crane), 127–128
 - security and, 181–182
 - Technorati and, 73
 - Web 2.0 and, 231
- Sifry, Dave, 57
- Silverlight. *See* Microsoft Silverlight
- Simple Storage Service (S3), Amazon, 173
- “situational applications”, 215–216
- six degrees of separation, networking and, 117, 119
- skinnyCorp., 51
- Skype
 - benefits of, 203
 - impact on telecommunications, 202

- main components of eBay business, 8
- overview of, 199–200
- Web 2.0 cool features, 206
- Smith, Rod (IBM)
 - on AJAX as Web 2.0 technology, 215
 - on consumer-focus of web businesses, 213–214
 - on IBM's cool uses of Web 2.0, 216–217
 - on IBM's relationship to web innovation, 214
 - on next revolutions on web, 217
 - on remixability, 212, 214–215
 - role at IBM, 210
 - on sharing information, 212–213
 - sound bites, 217–218
 - on Web 2.0, 211–212
 - on Web 2.0 misunderstandings, 215–216
- SMS
 - IM vs., 165–166
 - Twitter support for, 151, 153
- SOA (Service Oriented Architecture)
 - IBM and, 210
 - Kang on, 106–107
 - RIAs building on, 215
 - Smith on, 217
 - Turner on, 250–251
 - Web 2.0 infrastructures being created for enterprises, 250
- SOAP, 210
- social commerce, eBay's focus on, 3–4
- social constructs
 - collaboration and, 226–227
 - supporting Web 2.0, 223
 - Web 2.0 and, 234
- social discourse, as key feature of Web 2.0, 61–62
- social graphs, trends in Web development, 193
- social networks. *See also* communities; LinkedIn
 - advertising models and, 49–50
 - demographics and marketing and, 140–141
 - as foundation of Web 2.0 (Crane), 122–123
 - as foundation of Web 2.0 (MacManus), 94
 - as foundation of Web 2.0 (Walker), 137–138
 - Meebo and, 156
 - next revolutions on Web (Walker), 142–143
 - Ning.com and, 46–47
 - potential of, 51–52
 - role of Ning in creating, 49
 - trends in, 253
 - Web as a highly social utility (Stone), 148
- social regulation, business ethics on Web, 131–132
- software. *See* applications
- Software plus Service. *See* S+S (Software plus Service)
- spreadsheets, Zoho Sheet, 80
- standardization, microformats and, 63
- start-ups
 - cutting corners and, 65
 - entry-level costs and, 195
 - scaling vs. innovation in, 65–66
- Sternberg, Seth (Meebo)
 - on consumer-focus, 160
 - on mobile applications, 165–166
 - on monetization models, 159–160, 162–164
 - on Open Source, 160–161
 - role in founding Meebo, 156
 - on SaaS and S+S, 166
 - on Semantic Web, 164–165
 - sound bites, 166–167
 - on Web 2.0, 157–158
 - on Web 2.0 cool features, 161–162
 - on Web 2.0 misunderstandings and issues, 161
- Stone, Biz (Twitter)
 - on AJAX, Silverlight, Adobe AIR, 149
 - background of, 146
 - on business model for Twitter, 151
 - on connectivity, 153
 - on next revolutions on Web, 153
 - on SaaS and S+S, 152–153
 - on Semantic Web, 152
 - sound bites, 153–154
 - on Twitter, 146–149
 - on Web 2.0, 149–150
 - on Web 2.0 cool features, 150–151
 - on Web 2.0 misunderstandings, 150
- storage technology
 - Thumper, 235
 - Web based services, 26
- StumbleUpon
 - add-ins, 190

270 Web 2.0 Heroes

community-generated content, 9
 content discovery, 194
 one-click discovery and personalized recommendations, 194
 Open Source in, 192
 overview of, 189–191
 success of, 186
 Web 2.0 features used by, 194–195
 subscriptions, monetization models, 226
 Sun Microsystems
 benefits of Web 2.0 to, 234
 monetization model of, 236
 Niagara/Niagara 2 processors, 235
 overview of, 229–230
 roles of Tim Bray and Bob Brewin, 230–232
 sun.com, 69–70
 synchronization, of data
 online/offline, 141
 Web 2.0 technologies for, 224
 syndication feeds, 212–213. *See also* RSS feeds

T

tags/tagging
 adding tags to favorite web sites (del.icio.us), 170
 categorization of media, 149
 microformats and, 64
 trends in Web development, 228
 Web search and syndication services and, 137
 willingness of users to tag information, 10
 “tail” content vs. “head” content, 123–124
 taxonomy, Web search and syndication services and, 137
 technologies
 peer-to-peer technology, in Skype, 199
 phone technologies. *See* telecommunications
 remixability of old, 212
 storage, 26, 235
 Web 2.0. *See* Adobe AIR; AJAX; Microsoft Silverlight
 Technorati
 advantage of scale in competition with Google, 66–68
 censorship and, 72
 chronological order of blog searches, 158
 citizen journalism and, 70
 on criticisms of (Carroll), 66–67
 Google searches compared with, 68
 history of, 57–61
 involvement in real-time dialogue, 69
 keys to success, 73
 overview of, 55
 resistance to advertising on Technorati, 71–72
 sustainable business as focus of, 68–71
 use with DNC (Democratic National Convention) in 2004, 59
 Technorati Authority, 59
 telecommunications
 migration to Internet technologies, 205
 Skype and, 199–200
 Skype’s impact on, 202
 television
 impact of Web 2.0 on, 202
 vs. Web as information source, 123–124
 text messaging
 Meebo vs., 165–166
 Twitter and, 145–146
 ThinkFree
 compatibility with other applications, 102
 history of, 103–106
 intended market for, 114
 overview of, 101–102
 searches, 111
 web-based computing with desktop familiarity, 110
 ThinkFreeDocs
 overview of, 102
 as YouTube for documents, 110
 Threadless web site, skinnyCorp., 51
 Thumper, 235
 “time to market”
 IBM on responsiveness to customer needs, 211–212
 length of project cycles and, 214
 Web 2.0 development and, 235
 transaction fees, eBay based on, 2
 TripAdvisor, 129
 The Tripod web site, 21
 trust
 as basis of connections on LinkedIn, 119–120
 importance of trust in E-Commerce, 3
 “trust and safety”, eBay, 6
 Turner, Michele (Adobe Systems Incorporated), 243–244
 on Adobe Flex, 248

- on AJAX, Silverlight, Adobe AIR, 246–247
- background of, 244–245
- on connectivity, 252
- on next revolutions on Web, 251–252
- on offline functionality, 249–250
- on SaaS, S+S, and SOA, 250–251
- on Semantic Web, 253
- sound bites, 253–254
- on Web 2.0, 245–246
- on Web 2.0 misunderstandings, 248–249
- Tweeter, 252

Twitter

- API created for developers, 150
- business model for, 151
- desktop applications interacting with, 152–153
- history of, 146–147
- interpretation of available data and, 36
- mobility and connectivity and, 153
- overview of, 145–146
- profiles options, 147–149

U

UIs (user interfaces)

- improvements in, 249–250
- Web 2.0 enabled by, 180

UNIX/Linux, 102. *See also* Linux

unstructured data

- bringing structure to Web (Camp), 194
- challenges of Semantic Web, 204

user interfaces (UIs)

- improvements in, 249–250
- Web 2.0 enabled by, 180

user wisdom (wisdom of the crowds), 84–85

user-controlled experience. *See also*

- communities; social networks
- accessibility and, 33–34
- app and, 31–33
- characteristics of Web 2.0, 245
- grassroots nature of Web 2.0 and, 82
- vs. group intelligence, 35
- Semantic Web and, 37
- Twitter business model focusing on, 151
- user-generated content, 23, 249

V

Vegeta, Raju (Zoho)

- on AdventNet, 81
- on AJAX, 84
- background of, 80

- on collaboration, 83–84
- on Enterprise Web 2.0, 86–87
- on next revolutions on Web, 88–89
- on SaaS and S+S, 88
- on Semantic Web, 87–88
- sound bites, 89
- on user wisdom or wisdom of the crowds, 84–85
- on Web 2.0, 82
- on Web 2.0 cool features, 86
- on Web 2.0 misunderstandings, 84–85
- on working online, 82–83
- on Zoho, 80–81
- venture capital, business models and, 22
- video
 - Flash and, 246
 - mix/remix capacity in, 124–125
 - popularity of online video, 96
 - rich media and video advertising, 41
 - Skype capability for, 200
- virtual worlds, 97
- Visual Studio, tools for web development, 224
- voice recognition, 25
- VoIP service, 250

W

Walker, Shaun (DotNetNuke)

- on AJAX, 139
- background of, 136
- on desktop environment, 142
- on DNN support for Web 2.0, 137–138
- on next revolutions on Web, 142–143
- on offline vs. online functionality, 141
- on SaaS and S+S, 141–142
- on scale and potential users, 140–141
- on Semantic Web, 139
- sound bites, 143–144
- on Web 2.0, 136–139
- on Web 2.0 cool features, 139–140
- on Web 2.0 misunderstandings, 138

Web

- blurring the line between desktop and web experience, 6–7, 14
- innovation and, 161
- next revolutions on (Bianchini), 51–52
- next revolutions on (Bray and Brewin), 239–240
- next revolutions on (Camp), 197
- next revolutions on (Carroll), 76–77

272 Web 2.0 Heroes

- next revolutions on (Crane), 129–132
- next revolutions on (Engleman), 43
- next revolutions on (Kang), 111–115
- next revolutions on (Kumaran), 183
- next revolutions on (MacManus), 97
- next revolutions on (Madanes), 205
- next revolutions on (Meckler), 25
- next revolutions on (Schachter), 172–173
- next revolutions on (Smith), 217
- next revolutions on (Stone), 153
- next revolutions on (Vegesna), 88–89
- next revolutions on (Walker), 142–143
- omnipresence of, 27
- potential impact of, 17–18
- social regulation and business ethics on
 - Web, 132
- Web 1.0
 - bubble. *See* bubbles, Web
 - commercialization of Web and, 68
 - compared with Web 2.0, 42–43
 - creating infrastructure for Web 2.0, 245
- Web 2.0
 - business models, 74–75
 - commercialization of Web and, 68
 - as direction for Internet, 119
 - expense of development and, 12
 - monetization models, 23–24
 - not being limited to specific applications, 34–35
 - Open Source and, 192
 - potential for growth in participation, 237–238
 - term coined by O'Reilly, 191
 - user accessibility, 33–34
- Web 2.0 bubble
 - Bray and Brewin on, 233–234
 - Bubble 2.0, 73–74
 - Engleman on, 42–43
- Web 2.0 cool features
 - Bray and Brewin on, 234–235
 - Camp on, 194
 - Carroll on, 75–76
 - Engleman on, 38–39
 - Harris on, 228
 - MacManus on, 95–96
 - Madanes on, 206
 - Sternberg on, 161–162
 - Stone on, 150–151
 - Vegesna on, 86
 - Walker on, 139–140
- Web 2.0 definitions
 - Bianchini, 47
 - Bray and Brewin, 232–234, 240–241
 - Camp, 195–196
 - Carroll, 61–63, 72
 - Crane, 119–121, 124–125
 - Engleman, 31–32
 - Harris, 222–223, 227
 - Kang, 108–110
 - Kumaran, 178–179
 - MacManus, 93–94
 - Madanes, 201–202
 - Meckler, 21–22
 - Schachter, 170–172
 - Smith, 211–212
 - Sternberg, 157–158, 160–161
 - Stone, 149–150
 - Turner, 245–246, 251–252
 - Vegesna, 82
 - Walker, 136–139
- Web 2.0 misunderstandings and issues
 - Bray on, 233
 - Camp on, 193
 - Carroll on, 73
 - Harris on, 227
 - Kang on, 110
 - Kumaran on, 181, 182
 - MacManus on, 94–95
 - Madanes on, 202–203
 - Schachter on, 172
 - Smith on, 215–216
 - Sternberg on, 161
 - Stone on, 150
 - Turner on, 248–249
 - Vegesna on, 84–85
 - Walker on, 139
- Web 2.0 Workgroup, 92–93
- Web 3.0. *See also* Semantic Web
 - blurring the line between desktop and web experience, 7
 - challenges to Web 2.0, 95
 - Semantic Web compared with, 8–9
 - Walker on terminology and, 139
- web browsers. *See* browsers
- Web office, 96

- Web pages, application-orientation vs. Web page orientation, 183
 - web services. *See also* S+S (Software plus Service); SaaS (Software as a Service)
 - application-orientation vs. Web page orientation for, 183
 - coolest Web 2.0 features (MacManus), 96
 - as enabler of success rather than determinant of, 4–5
 - infrastructures being created for enterprises, 250
 - storage, 26
 - widgets and tools for leveraging, 12
 - web sites
 - DNN as both site and site building platform, 135
 - Internet.com as portal to various, 16
 - list of sites based on DNN foundation, 136
 - sharing interesting sites (StumbleUpon), 190
 - storing favorites on Web (del.icio.us), 170
 - Web-based applications
 - browser-based technologies vs. Web-enabled desktop technologies, 95
 - trend toward (Vegesna), 88–89
 - What the Dormouse Said: How the Sixties Counterculture Shaped the Personal Computer Industry*, 38
 - Wherry, Elaine, 156
 - widgets
 - eBayToGo, 11
 - for leveraging web services, 12
 - proliferation of, 4
 - role in structuring web data (Madanes), 204
 - trends in, 252
 - Wi-Fi, connectivity issues with, 252
 - wikis, 83–84
 - Windows Mobile, 165
 - Windows OSs. *See* Microsoft Windows OSs
 - wisdom of the crowds (user wisdom), 84–85
 - word processors
 - Buzzword word processor, 252
 - Korean Word Processor, 104
 - wikis vs. online processors (Vegesna), 83–84
 - Zoho Writer, 80
 - World Wide Web (WWW). *See* Web Writely, 158
 - WWW (World Wide Web). *See* Web Writely, 158
- ## X
- Xbox 360, 223–224
 - Xbox Live, 223–224
 - Xbox.com, 224
 - XHTML, 63
 - XML
 - DSLs (domain-specific languages) compared with, 240
 - Technorati making use of XML-based APIs, 63
- ## Y
- YouSendIt
 - collaboration and, 179
 - desktop application, 180–181
 - history of, 178
 - overview of, 177–178
 - plug-ins, 180–181
 - possible services to add to, 182–183
 - security issues and, 181–182
 - YouTube
 - cool things on Web 2.0 (Vegesna), 86
 - coolest Web 2.0 features (Sternberg), 161–162
 - empowerment of people, 231
 - Flash and, 246
 - intellectual property issues, 98
 - success of E-Commerce and, 22
 - Web technologies empowering individuals, 158
- ## Z
- Zennström, Niklas, 200
 - Zoho
 - focus on working online, 82–83
 - online office and collaboration, 79–80
 - overview of, 80–81
 - tools in Zoho suite, 80
 - Zoho Business, 83
 - Zoho Personal, 83