Master Your Mac

command

simple ways to tweak, customize, and secure os x

MATT CONE



INDEX

Numbers

1Password, 154, 276, 282–285 browser extension, 282–284 integrating with Dropbox, 284–285

Α

abbreviations, in LaunchBar, training in, 70-71 actions. See also files, actions; folders, actions AppleScripts as, 153–154 based on Bluetooth proximity monitor, 133-135 configuring for Sidekick, 150–152 location-based, 147-154 active application Divvy to resize, 36 hiding, 5 quitting, 4 active window, closing or minimizing, 5 Activity Monitor, 342, 344-345 adapter, for display port, 89 address bars, for site-specific browsers, 221 Adium, 135, 154 Adobe Flash Player (preference pane), 45 advanced alert, from script, 129 AirPort, disabling on laptop, 381 AirPort Express Base Station, 255, 256 AirPort Extreme Base Station, 255 connecting hard drive to, 257-258 connecting printer's USB cable to, 256 connecting USB hub to, 262 passwords, 261 alarms, for laptop, 136 Alarms application, 183, 185–187 album cover artwork, 197 alerts Alarms application for advanced, 185-187 creating basic, 184–185 in Pester, 183, 184-185 from script, 128, 129

Alfred (application launcher), 58, 60-67 for computer control, 66 Dictionary application and, 63 - 64for math, 62 Preferences window, 65 setting up, 60-63 system commands in, 66 Alfred Powerpack, 60, 66 Amazon, 202 EC2 cloud computing platform, 306 for Tor relay, 327 AND operator, in Spotlight, 23 anonymity on Internet, 297, 319-327 Apache web server, 246-247 AppCleaner removing applications with, 43 - 45SmartDelete in, 44 appfirewall.log file, viewing, 311 Apple cloud music service, 190. See also iTunes Match Developer website, 130 FileVault recovery key storage by, 333 Apple ID, 190 linking to iCloud, 230 AppleJack, 359 AppleScript, 121-130 as action, 153–154 capabilities, 122 changing into folder action, 140 dictionary, 126-127 executing, 66 for file and folder actions, 137-146 flow-control structures, 127-128 In Range script, 133, 134 launching, 130 learning by example, 125–126 Out of Range script, 133, 134 use with applications, 126–127 user interface for scripts, 128-130 variables, 127 voice commands, creating with, 105 writing and running first, 123-124 AppleScript 1-2-3 (Soghoian and Cheeseman), 130 AppleScript Editor, 123–126 application firewall, 308 application launchers. See also Alfred configuring Spotlight as, 59-60 LaunchBar, 67–76 application switcher, opening files with, 31 application-level keyboard shortcuts, 4 changing and adding, 8–10 applications AppleScript use with, 126–127 automatically starting at login, 13 - 18converting websites to, 219-227 crash, and hard disk repair needs, 356 hiding all except active, 5 iCloud use with, 231-232 quitting active, 4 quitting for power conservation, 382 receipt for installed, 350 removing, 41-46 with AppCleaner, 43-45 with Launchpad, 42-43 resuming at login, 16–17 routing data through Tor, 323-324 saving script as, 130 switching between, 30-31 with Mission Control, 34-35 Applications folder, 57 Apptivate, 12 AppZapper, 46 archive file (disk image), 110 archiving. See also backups email with MailSteward, 165-169 finding messages in MailSteward archive, 168-169 folders, 145 Areo Snap (Windows 7), 37 audio alerts, from Pester, 185 Aurora, 53 authentication, after enabling FileVault, 332

author: search operator (Spotlight), 23 automated backup process, 362 automating tasks. See AppleScript; macros Automator vs. AppleScript, 122 for creating folder actions, 140–142 macro creation with, 110–114 Away message, Out of Range script for setting, 135

В

Back to My Mac, 237-244 background transfer of data, 317 Backup Left-to-right synchronization option, 268 backups, 361-376 Dropbox for, 232 excluding files from, 365 of hard disks, 330 of keychain, 281-282 making exact copy of hard disk, 366-370 plan for, 362–363 restoring from, 373-376 scheduling, 364-365 storing on Internet, 370-372 before synchronization, 269–270 Time Machine, 257, 363–366 backward button, for site-specific browsers, 221 Bambenek, John, Grep Pocket Reference, 28 bandwidth for CrashPlan, 372, 373 limiting with NoobProof, 313 for SOCKS proxy, 299-300 for Tor relay, 326 Bare Bones Software, 126 battery in laptop calibrating, 382-384 energy settings configuration, 380 maintenance, 377-384 monitoring status, 379-380 replacing, 384 tips for maintaining health, 378 Belkin Zero Stand, 95 BetterTouchTool, 80, 84-85 BitTorrent, 327 blacklisting, 309

Blind Backup Left-to-right synchronization option, 268 Bluetooth, disabling on laptop, 381 Bluetooth proximity monitor, 131-136 performing actions based on, 133-135 setting up, 132-133 Boolean operators, in Spotlight, 23 Bootable Left-to-right synchronization option, 268 booting, in single-user mode, 358 brightness automatically adjusting, 48, 49 of displays and keyboard backlight, 380-381 BusyCal, 188 Butler, 76

С

Caffeine, 47, 50-51 calculations Alfred for, 62 in Spotlight, hiding results, 21 Calendar, 188 scheduling events, in LaunchBar, 73-74 synchronizing Alarms application with, 186–187 calibrating battery in laptop, 382-384 cascading style sheets (CSS), overriding for site-specific browsers, 223 categories in Spotlight, disabling, 59 central processing unit (CPU), 343 Activity Monitor for checking use, 345 iStat Menus for monitoring, 347 certificate, for Safari developers, 208-211 Certificate Signing Request, 210 character recognition, with jitouch, 82 Cheeseman, Bill, AppleScript 1-2-3, 130 Chrome. See Google Chrome web browser ChronoAgent, 264 ChronoSync, 263–272 connecting computers, 264-267 installing, 264 mapping accounts for, 266

monitoring, 271–272 notifications from, 272 Readiness State pane in, 268 selecting synchronization option, 268-269 setting up synchronizations, 267-271 synchronizing files, 269-270 client-side filtering of spam, vs. server-side, 176–177 cloning hard drives, 367 closing active window, 5 cloud, 229-236 backup storage on, 370-372 storing passwords in, 285 coconutBattery application, 379 color of display adjusting at night, 51-53 settings for, 90–91 color of file label, 140 COMMAND key, symbol for, 5 command line, rebuilding Spotlight index with, 26 compressing, folders, 145 computer, controlling, Alfred for, 66 conditional flow-control structures, 128 Contacts accessing from LaunchBar, 72-73 synchronizing Alarms application with, 186–187 CONTROL key, symbol for, 5 converting websites, to applications, 219-227 cover art, adding to iTunes, 197 CoverSutra, 193 keyboard shortcuts for, 194 using player, 195 CPU (central processing unit), 343 Activity Monitor for checking use, 345 iStat Menus for monitoring, 347 CrashPlan, 370-372 configuring network options, 372 restoring from backup, 375–376 credit card numbers, protecting with Keychain Access, 280 cron, for disk permission repairs, 352 CronniX, 353-354 crontab, 352 CSS (cascading style sheets), overriding for site-specific browsers, 223

custom keyboard shortcuts, creating, 10–12 customizing Mac, 6 cycling through windows, 31

D

Dashboard, 31, 32 Dashboard widgets, removing, 43 data packets, encryption layers for, 320 database-driven website, hosting, 247-248 data-sniffing, HTTPS for protection against, 293 date: search operator (Spotlight), 23 default web browser, setting Safari as, 222 DELETE key, symbol for, 5 deleting. See removing Developer Certificate Utility website, 208 developer files, hiding in Spotlight, 60 dictation feature, 101–102 dictionary, in Spotlight, hiding, 21 Dictionary application, and Alfred, 63 - 64disabling categories in Spotlight, 59 energy settings, 50-51 gestures, 79-80 macros, 119 discharges, of laptop battery, 378 disconnecting peripherals, for power conservation, 382 disk activity, 343 disk drives. See hard drives disk images, 110 sizing to fit content, 111 disk permissions repair, 349-354 automating, 352-354 manual process, 351-352 disk usage, 343 Disk Utility, 350, 351, 355, 389 repairing hard disk, 357-358 verifying hard disk, 356 DiskTools Pro. 359 diskutil command-line utility for drive encryption, 335 list command, 330 DiskWarrior, 359 display settings, for site-specific browsers, customizing, 223-227

displays adjusting settings, 89-91 color and resolution, 89-90 color at night, 51-53 positioning, 89-90 brightness of, 380-381 connecting multiple, 87–95 energy settings, 48-49 menu bar availability on multiple, 93-94 port on Mac for, 88–89 DNS, dynamic, 252-253 DNS encryption, 306 DNSCrypt software, 306 Dock, 5, 57 document categories, in Spotlight, 21 documentation, for extension creation, 217 documents **#**-O shortcut for opening, 4 automatically saving changes, 16 searching inside, Alfred for, 65 Doug's AppleScripts for iTunes, 130, 134 downloading voices for Mac, 103 downloads, purging old, 144-145 Dragon Dictate, 105 DriveSavers Data Recovery, 359 Dropbox, 229, 272 integrating 1Password with, 284-285 sharing folders with others, 233-235 for storing and synchronizing files, 232-236 Dropbox Camera Upload, 236 DropDAV, 236 Drupal website hosting, 246 dual core processors, 343 duplicating selected files, 5 Dyn account, registering for, 252-253 dynamic DNS, 252–253 DynDNS account, 253

Ε

EasyFind, 28 EFI (Extensible Firmware Interface), 288 EJECT key, symbol for, 5 Electronic Frontier Foundation (EFF), 294, 325 email, 157–169. See also Mail application adding accounts to Gmail, 177-179 archiving, with MailSteward, 165-169 composing messages, in LaunchBar, 72–73 frequency of checks for, 158–159 processing with keystrokes, 163-165 to send files to Dropbox, 236 smart mailbox creation, 160–161 spam, 171-182 tags for categorizing, 161–163 emergency USB drive, 385-389 creating, 387-388 evaluating options, 386 using, 388-389 viewing in Finder, 389 encryption of backup disk, 364 FileVault whole disk encryption, 331-334 forcing HTTPS, 293-295 of hard disks and backups, 329-337 of Internet connection, 291–306 SOCKS proxy server for, 299–306 of Time Machine backup, 335-337 Triple Data Encryption Standard (DES), 280 Energy Saver, 48, 53 energy settings, 48-49 configuring for battery, 380 temporarily disabling, 50-51 enterprise-wide firewall rules, 315 ergonomics, 95 error handling, in AppleScript, 128 excluding files from backup, 365 Exhaust, 17-18 exit relay, in Tor network, 325 Exposé, 31 extending battery life, 379 Extensible Firmware Interface (EFI), 288

F

Fantastical, 74, 188 FastMac, 384 FastScripts, 130

files. See also backups actions automating with AppleScript, 137-146 Hazel for, 142-145 for uploading to web server, 140 changing label color for, 140 Dropbox for storing and synchronizing, 232-236 duplicating selected, 5 excluding from backup, 365 finding, 19-28, 65 missing, and hard disk repair needs, 356 opening with application switcher, 31 repairing permissions, 349-354 restoring from backup, 373-376 sharing, 237 accessing, 241-242 configuring preferences, 240 synchronizing between computers, 263-272 FileVault (FileVault 2), 330 encrypting Time Machine backup disks, 335-337 and recovery disk creation, 387 recovery key for, 332 whole disk encryption, 331-334 filtering incoming email, 159–160 junk mail, 172-176 spam on server with Gmail, 176-181 Find Any File (shareware application), 26 Finder Find feature, 19 viewing emergency USB drive in, 89 finding email messages, smart mailbox for, 161 files and folders. 19–28 Alfred for, 65 messages in MailSteward archive, 168-169 tagged email messages, 163 Firefox web browser 1Password extension for. 283-284 Firesheep extension for, 293 HTTPS Everywhere extension for, 293-295

routing websites through SOCKS server for, 302 SOCKS proxy server settings in, 303 for Tor, 322 Firesheep extension for Firefox, 293 firewalls, 302, 307-317 how they work, 308-309 OS X application, 309-311 firmware, password protection, 287-289 Flickr, Fluid group on, 221 Flip4Mac (preference pane), 45 flow-control structures, in AppleScript, 127-128 Fluid for creating site-specific browser, 220-222 user styles for, cleaning up, 224 F.lux, 47, 51, 52 folders actions automating with AppleScript, 137-146 Automator for creating, 140-142 changing AppleScript into, 140 Hazel for, 142–145 OS X, 138-140 Applications folder, 57 archiving, 145 in Dropbox, 233-235 symbolic links for, 236 finding, 19-28 Library folder, 104, 282 moving forward or backward in, 6 moving media folder to different location, 202 repairing permissions, 349-354 selecting for synchronization, 267-268 sharing (accessing remotely), 241-242 for voice commands, 104 forward button, for site-specific browsers, 221 FreeBSD IP packet filter, 311. See also ipfw Friedl, Jeffery, Mastering Regular Expressions, 28 fsck command-line utility, 356, 358

G

geographic location, Alfred setting for, 61 Gesture Triggering slider, 82 gestures, 77-86 BetterTouchTool for, 84-85 customizing or disabling, 79-80 with third-party applications, 80-85 jitouch for, 82-84 learning to use, 79 with MagicPrefs, 81-82 in OS X, 78-80 Get Info window, 23 Git, 217 global login items, adding, 15 global page, for Safari extension, 215-216 Gmail, 169 adding email accounts to, 177-179 enabling IMAP access, 179–180 filtering spam on server with, 176-181 Mail application for reading, 180-181 Google, music offerings from, 202 Google Chrome web browser 1Password extension for, 283-284 and site-specific browsers, 222 Google Drive, 236 Google Reader Symphonia Final 2 user style, 224 grep (command-line tool), 28 Grep Pocket Reference (Bambenek), 28 Griffin Elevator stand, 95 Grooveshark music website, 226-227 Group windows by application option, 32

Н

hard drives. See also network drives accessing wirelessly, 261–262 backup of, 330 connecting to AirPort Extreme, 257–258 controlling access, 258–261 encryption of secondary, 335 importance of, 355 iStat Menus for monitoring, 347 making exact copy of, 366–370 hard drives (continued) sharing, 257-262 space for virtual memory, 345 verifying and repairing, 355-359 hardware-based firewalls, 308 Hazel for file and folder actions, 142-145 if-then statements, 142 purging old downloads, 144-145 for taking out trash, 143-144 help keyboard shortcut for, 6 for LaunchBar, 76 helper applications, 15 hiding applications except active, 5 developer files in Spotlight, 60 login item, 15 hotkeys. See keyboard shortcuts HotSpotVPN, 296 HTML document, for Safari extension global page, 215 httpd.conf file, 248 HTTPS, 292 forcing encryption, 293-295 HTTPS Everywhere extension, for Firefox, 293-295

I

iAlertU, 136 iCloud, 229, 237, 272 for file storage, 230-232 for music storage, 202 use with applications, 231-232 icons, for websites, 221 if statement (AppleScript), 128 images, folder action to change to PNG format, 138-139 IMAP, enabling access, 179–180 incoming email, filtering, 159–160 index in MailSteward, 167 for Spotlight, 21-22 rebuilding, 24-25 rebuilding with command line, 26 Indigo, 136 information, protecting with Keychain Access, 280-281 Injector Creator tool (NoobProof), 315 installed software, receipt for, 350

installing ChronoSync, 264 high-quality voices, 102 Safari extensions, 205, 217 instant messaging, 135 instant open feature, in LaunchBar, 71 Internet. See also firewalls anonymity on, 297, 319-327 with Tor, 321-323 backup storage on, 370-372 encrypting connection, 291–306 searching, 64-65 storage space. See cloud Internet Recovery feature, 386 Invite to folder, for Dropbox, 234 IP address concealing, 295 for router, 302 ipfw, 308, 309 NoobProof for creating rules, 311-315 iPhoto, 231-232 iStat Menus, 342, 346-348 iStat Pro, 348 iTools, 230 iTunes, 15, 189 adding missing cover art, 197 adding missing metadata to library, 195-197 controlling with shortcuts, 193-195 LaunchBar for playing songs, 74-75 library management, 198-202 adding existing libraries, 198-199 copying songs between libraries, 200 creating new library, 199-200 duplicating, 200 pausing, 134 iTunes Match, 190-193, 202 signing up for, 190–191 upgrading music, 191-192

J

jitouch, 80, 82–84 job scheduler, cron as, 352–353 junk mail filtering, 172–176 server-side vs. client-side, 176–177

Κ

KeePass, 285 keyboard, backlight brightness, 380-381 Keyboard Maestro, 12, 114–119 configuring groups of macros, 118-119 creating macro, 117-118 Editor window, 115 enabling existing macros, 115 keyboard shortcuts, 3 for Alfred, 60, 61, 62 for application switcher, 30 built-in, for OS X, 4-10 changing application level, 8–10 system level, 6–7 for CoverSutra, 194 creating, 10-12 for dictation, 101 for email, 163-165 for iTunes, 193-195 for LaunchBar, 67, 68, 69 learning, 4-6 as Maestro triggers, 116 for Mission Control, 33-34 modifiers in, 5 reference guide for, 6 to resize window, 36 for script, 130 keychain, repairing and backing up, 281-282 Keychain Access, 276, 278-285 locking and unlocking keychain, 281 protecting sensitive information with, 280-281 requesting certificate with, 209 signed certificate stored in, 211 window, 278 keystrokes, processing email with, 163-165 kill command, 343, 346 kind: search operator (Spotlight), 23

L

label color, changing for file, 140 laptop. See also battery in laptop alarms for, 136 energy settings, 49 keeping awake with lid closed, 94–95 LastPass, 285

LaunchBar, 12, 67-76 accessing websites, 71-72 Advanced window, 69 composing email messages, 72-73 general options, 68 help for, 76 instant open feature, 71 retype delay, 70 scheduling Calendar events, 73-74 setting up, 67-69 training in abbreviations, 70-71 launching AppleScript, 130 applications, 57-76 automatically at login, 13-18 Launchpad, removing applications with, 42-43 left-handed users, gesture reversal for, 82 libraries for iTunes adding metadata, 195-197 managing, 198-202 adding existing libraries, 198-199 copying songs between libraries, 200 creating new library, 199–200 duplicating, 200 merging, 201 Library folder, 104 showing, 282 Lighthouse, 250-252 list, from script, 129 Little Snitch, 308, 315-317 Little Snitch Configuration application, 316 location-based actions, 147-154 lock, 66 for keychain, 281 for screen, Proximity for, 133-134 logging out of OS X, 4, 6 login items, 13-18 adding, 14-15 adding global, 15 Alfred as, 61, 62 configuring advanced settings, 17–18 configuring in System Preferences, 14 finding, 18 Sidekick as, 149 Viscosity as, 299

logs in ChronoSync, 271 from OS X firewall, monitoring, 311 looping flow-control structures, 128

Μ

Mac OS X Hints website, scripts from, 136 MacBook. See also battery in laptop alarms for, 136 energy settings, 49 keeping awake with lid closed, 94-95 macros, 109-119 configuring groups of, 118-119 creating with Automator, 110-114 with Keyboard Maestro, 114-119 disabling, 119 saving, 112 vs. scripts, 122-123 triggers for, 116 using, 113 MacScripter, 130 Macworld, backup services review, 370 Magic Mouse, 78 Magic Trackpad, 78 MagicPrefs, 80, 81-82 Mail Act-On, 163-164 Mail application, 158-161 junk mail filtering, 172–176 for reading Gmail, 180-181 rules for filtering incoming messages, 159–160 tags for categorizing email, 161-163 MailSteward creating archive, 167-168 finding messages in archive, 168-169 index in, 167 setting up, 165-167 MailTags, 162, 163 MAMP, 247-248, 251 MAMP Pro, 254 man-in-the-middle attacks, 292, 293 mapping accounts, for ChronoSync, 266

MarcoPolo, 154 Mastering Regular Expressions (Friedl), 28 math, Alfred for, 62 McElhearn, Kirk, 28 media folder, moving to different location, 202 memory Activity Monitor for checking use, 345 application sharing of, 342 menu bar availability on multiple displays, 93-94 pinning site-specific browsers to, 222-223 menu commands, keyboard shortcuts for, 4-5 MenuMeters, 348 MercuryMover, 39 Messages, 135 metadata adding to iTunes library, 195-197 for Spotlight, 23-24 Mini DisplayPort, 88 Mini-DVI port, 88 minimizing active window, 5 Mini-VGA port, 88 Mirror Left-to-right synchronization option, 268 Mission Control, 31-35 configuring settings, 31-34 interface, 34 keyboard shortcuts for, 33-34 Mobile Me, 230 modified: search operator (Spotlight), 23 modifier keys changing, 7 in keyboard shortcuts, 5 monitoring ChronoSync, 271–272 synchronizing files, 271–272 monitors. See displays Mono development framework, 285 mounting network drives, automatically, 14 mouse, gestures and, 77 move and zoom grid (Moom), 37 moving media folder to different location, 202 multicore processors, 343

music, 189–201. See also iTunes Match LaunchBar for playing iTunes, 74–75 streaming to other computers, 192–193 upgrading, 191–192 Myers, Rick, 212 MySQL, 247 port for, 248

Ν

natural language programming, 125 network, 343 network data transfer, Little Snitch display of, 317 network drives, 257 automatically mounting, 14 controlling access, 258-261 creating separate account for each user, 259-261 network firewall, 308 network-attached storage device, for Time Machine, 366 network-scanning tools, 307-308 night, adjusting display color at, 51 - 53NoobProof application, 308, 309 for creating ipfw rules, 311-315 default interface, 314 Injector Creator tool, 315 Noodlesoft forums, 146 Normal mode in NoobProof, 312 NOT operator, in Spotlight, 23 notification alerts, from Pester, 185 notifications, from ChronoSync, 272

0

on error statement (AppleScript), 128 onion routing, 320–321 Open Finder Items action, configuring, 112 Open Firmware, 288 opening files #-O shortcut for, 4 with application switcher, 31 opening windows, at login, 16–17 operators, to focus Spotlight searches, 22–23 OPTION key, symbol for, 5 OR operator, in Spotlight, 23 OS X gestures in, 78-80 server software in, 245 OS X application firewall, 309–311 monitoring logs, 311 OS X Recovery Disk, for Time Machine backup restore, 374 OS X Server, 254 OS X USB drive, 385 Out of Range script (AppleScript), 133, 134 setting Away message, 135 outgoing connections, 309 monitoring and controlling, 315-317

Ρ

packet analysis, VPN to prevent, 296 packet-analysis attacks, 293 page outs, from virtual memory use, 345 Panic, Transmit FTP client, 140, 249 partitions, checking, 330 passwords, 275-285 for AirPort Extreme, 261 creating strong, 277 creating with Keychain Access, 279-280 for encrypted Time Machine backup disk, 336-337 for FileVault, 331 for firmware protection, 287–289 for keychain, 281 managing, 276-277. See also Keychain Access for MySQL database, 248 for network drive access, 258-259 saving in keychain, 278-280 storing in cloud, 285 pausing iTunes, 134 performance, monitoring, 340 peripherals, disconnecting for power conservation, 382 permissions, repairing, 349-354 Pester, setting alerts, 183, 184-185 phone numbers, protecting with Keychain Access, 280 Photo Stream, 231-232 photos, folder action to change to PNG format, 138-139

Photos folder, in Dropbox, 234 PHP, 247 physical location, confidentiality of your, 319 pictures, folder action to change to PNG format, 138-139 PID (process identifier), 343 killing process by, 346 pinning site-specific browsers to menu bar, 222–223 PINs, protecting with Keychain Access, 280 places adding to Sidekick, 149-150 manually switching, 152-153 playback, pausing, 134 plug-ins for browser, removing, 43 for Sidekick, 154 PNG format, folder action to change images to, 138-139 Polipo, 323 POP, vs. IMAP, 179 port, for MySQL, 248 port forwarding, 262 enabling, 250-252 Tor test of, 326 port on Mac, for displays, 88-89 portable Mac, preparing for remote connection, 241 power conservation mode, for battery, 379 PowerPC processors, 288 PowerTunes application, 198–202 library in, 199 merging libraries, 201 preference panes, removing, 45-46 presets, grouping custom gestures into, 82 printers, sharing, 256 privacy, 319 process, 343 Activity Monitor to display active, 344 process identifier (PID), 343 killing process by, 346 proxies, messages from extensions through, 207 Proximity adding scripts and testing, 135 configuring, 132-133 for locking screen, 133–134 Public folder, in Dropbox, 235

public wireless networks, 291 data capture by attackers, 292–293 purging old downloads, Hazel for, 144–145

Q

quad core processors, 343 QuickCal, 74 QuickSilver, 76 quitting applications, 4 for power conservation, 382

R

random access memory (RAM), 343 Activity Monitor for checking use, 345 Range script (AppleScript), 133, 134 read access, for file sharing, 237 Readiness State pane, in ChronoSync, 268 real memory, 343 real-time alerts, from Little Snitch, 315-317 receipt, for installed software, 350 recording moves, in AppleScript, 125-126 Recovery HD partition, 289, 386, 387 FileVault keys storage in, 330 recovery key, for FileVault, 332 reference quide, for keyboard shortcuts, 6 reminders, 183-188 LaunchBar to create, 73 from Pester, 184 remote access, 237-244 remote connection, 52 preparing Mac for, 238–240, 241 remote login, enabling, 249-250, 300 removing applications, 41-46 with AppCleaner, 43-45 with Launchpad, 42–43 login items, 15 messages in MailSteward archive, 168 preference panes, 45–46 repair disk permissions process, 350 repairing hard disk, with Disk Utility, 357-358 repairing keychain, 281–282 repeat with statement (AppleScript), 128

repeating alarms, 184 resizing windows, 35–36 with Cinch, 38 with Moom, 37 resolution of display, settings for, 89–90 resource allocation, 342 restoring from backup, 373–376 resume feature, 13 resuming applications at login, 16–17 Retype Delay slider, for LaunchBar, 68 router, port forwarding on, 250

S

Safari Developer program, registering for, 208 Safari Extension Builder, 211, 212 Safari Extension Certificate Assistant window. 208-209 Safari web browser 1Password extension for, 283-284 enabling developer menu, 211-212 extensions, 205-217 basics, 206-207 configuring settings, 212–215 creating, 212-217 global page for, 215–216 groundwork for creating, 208-212 ideas for creating, 217 installing and building, 217 HTTPS extension, 295 saving and restoring tabs, 212 setting as default, 222 safe sleep mode, 383 sandboxing, 207 saving documents automatically, 16 messages in MailSteward archive, 168 passwords to keychain, 279–280 script as application, 130 scheduling backup, 364-365 Calendar events, in LaunchBar, 73-74 SuperDuper backup, 368–370 synchronizing files, 270–271

screen displays. See displays screen sharing, 238, 239, 242-243 screen space, maximizing, 35–38 screenshot, taking, 5 scripts. See also AppleScript vs. macros, 122–123 saving as applications, 130 search boxes, for site-specific browsers, 221 searches of Internet, Alfred for, 64-65 for music, 193 with Spotlight, 20-25 secondary volumes, encryption of, 335 Secure Note, keychain for storing, 280 security. See also encryption; passwords locking screen, 133-134 VPN (virtual private network), 295-299 security questions, for FileVault recovery key, 333 selected file, duplicating, 5 Send to Dropbox service, 236 sensitive information, protecting with Keychain Access, 280-281 sensitivity, of multi-touch device, 82 sensors, iStat Menus for monitoring, 347 server software, configuring, 246-249 server-side filtering of spam, vs. client-side, 176-177 session hijacking, 292, 293 Set Alarm window, 185 Set Folder Views action, configuring, 112 SETP. 249 shallow discharges, of laptop battery, 378 sharing folders, with Dropbox, 233-235 hard drives, 257-262 printers, 256 shell scripts, executing, 66 SHIFT key, symbol for, 5 shortcuts. See keyboard shortcuts Shortcuts application, 10–12 Sidekick, 149-152 actions configuration, 150–152 adding places, 149–150

Sidekick (continued) automatically disabling and enabling AirPort and Bluetooth, 381 manually switching places, 152-153 plug-ins, 154 triggers in, 152 single-user mode, 287, 359 booting in, 358 site-specific browsers (SSB) creating, 220-222 customizing display settings, 223-227 pinning to menu bar, 222–223 potential uses, 227 user scripts to add functionality, 226-227 sizing disk images to fit content, 111 sleep, 66 for battery calibration, 382-383 keyboard shortcut for, 6 performing actions on, 15 SleepWatcher, 15 smart mailbox, creating, 160–161 Smart Update, in SuperDuper, 368 SmartDelete, in AppCleaner, 44 SmartSleep application, 94 SOCKS proxy servers, 292, 299-306 automatically connecting to, 303-306 manually connecting to, 301-303 setting up, 300-301 Soghoian, Sal, AppleScript 1-2-3, 130 solution stack, 247-249, 253 songs copying between libraries, 200 fixing mislabeled in iTunes, 195-197 playing in iTunes, LaunchBar for, 74-75 Sophos SafeGuard, 337 Spaces, 31 virtual desktop creation with, 35 spaces displaying, 34 moving between in Mission Control, 35 spam, 171–182 enabling filter in Mail, 172–174 filtering on server with Gmail, 176-181 SpamSieve, 182 Sparrow, 169

speech feedback window, for voice commands, 100 speech recognition, 97 custom commands for, 104–105 settings for, 98–99 spelling words, 63-64 Spotlight, 19, 58-60 configuring as application launcher, 59-60 hiding developer files, 60 index for, 21–22 rebuilding, 24-25 rebuilding with command line, 26 metadata for, 23-24 operators to focus searches, 22-23 searches, 20-25 SSB (site-specific browsers) creating, 220-222 customizing display settings, 223-227 pinning to menu bar, 222–223 potential uses, 227 user scripts to add functionality, 226–227 SSH, 249 SSH Tunnel Manager application, 303-306 SSL Everywhere, 295 starting. See launching startup, locations for items launched at, 18 startup disk Disk Utility to repair, 357 preventing booting from, 287 Stay application, 92 stopping Apache web server, 247 streaming music to other computers, 192–193 Subversion, 217 sunset, F.lux determination of, 51, 52 SuperDuper, 367–368 restoring from backup, 374-375 scheduling backup, 368-370 testing backup, 368 SuperNoob mode in NoobProof, 312 switching between applications, 30-31 with Mission Control, 34–35 between windows, with Mission Control, 34–35 Symantec Norton, 317 PGP Whole Disk Encryption, 337

symbolic links, for Dropbox folders, 236 symbols, for key modifiers, 5 Synchronize Bidirectional option, 268 synchronizing files, 263–272 in Dropbox, 232–236 monitoring, 271-272 scheduling, 270-271 system monitoring, 340 Activity Monitor for, 344-345 goal of, 342 terminology, 343 System Preferences Accessibility, 98 Listening Key, 99 Dictation & Speech, 101 Text to Speech, 102, 103 Displays, 380 Arrangement, 89–90 Display, 89 Energy Saver, 48 General, 16 iCloud, 230-231, 238, 241 Keyboard, 6-7, 8 for Mission Control shortcuts, 33-34 for modifying applicationlevel shortcuts, 9 MagicPrefs, 81 Mission Control, 31–32 Mouse, 79 preference panes, removing, 45-46 Security & Privacy FileVault, 331, 334 Firewall, 309 Sharing, 249, 300 Spotlight, 21-22 Privacy, 24 Startup Disk, 368 Time Machine, 336, 363, 365 Trackpad, 79 Users & Groups, 14 system-level keyboard shortcuts, 4 changing, 6–7

Т

Tabinet, 205, 212 buttons, 216 tags for categorizing email, 161–163 talking to computer. See speech recognition TechTool Pro, 359

temperature for battery storage, 378 iStat Menus for monitoring, 347 Terminal application, 15 for encrypting secondary volumes, 335 for hiding developer results in Spotlight, 60 manually connecting proxy server with, 301 to start Apache, 247 terminating process, 343 testing scripts in Proximity, 135 text-to-speech, customizing settings, 103-104 TextWrangler, 126, 215 The Onion Router (Tor). See Tor project thread, 343 Thunderbolt port, 88 TightVNC, 244 Time Capsule, 366 Time Machine backup, 257, 281, 363-366 encryption, 335-337 excluding files from, 365 restoring from, 372–374 network-attached storage device for, 366 timeline, in Alarms, 186 TimeMachineEditor, 364 toolbar buttons creating for Safari extension, 214 icon for, 216 top command-line utility, 342, 345-346 Tor Browser Bundle for Mac, 321 Tor project (The Onion Router), 319 anonymous Internet surfing with, 321-323 how it works, 320-321 routing application data through, 323-324 vulnerability to attacks, 327 Tor relay, configuring Mac as, 324-326 Torbutton, 323 trackpad gestures and, 77 sensitivity, 82 Transition setting, in F.lux, 52 Transmit FTP client (Panic), 140, 249 trash, emptying, 6 with Hazel, 143–144

Trial Sync, 269 triggers for location-based actions, 149 for macros, 116 in Sidekick, 152 Triple Data Encryption Standard (DES) encryption, 280 TrueCrypt, 337 try statement (AppleScript), 128 TuneUp, 195–197

U

uninstalling. See removing unpinning site-specific browsers from menu bar, 222 unsharing Dropbox folder, 234 uploading files to web server, action for, 140 UPnP (Universal Plug and Play), 250 USB drive, emergency, 385-389 USB hub, connecting to AirPort Extreme, 262 user interface, for AppleScript scripts, 128-130 user scripts, for site-specific browsers, 226-227 user styles for Fluid, cleaning up, 224 for site-specific browsers, 223-225 username, 275

V

variables, in AppleScript, 127 vault, in 1Password, 282 verifying hard disk, with Disk Utility, 356 version control, for extension creation, 217 Vidalia Bundle, 323 Vidalia Control Panel, 322, 325 virtual desktops, creating, with Spaces, 35 virtual memory, 345 virtual private network (VPN), 292 configuring automatic connection, 297-299 disadvantages, 297 manually connecting Mac to, 296-297 selecting service provider, 296 VirtualHostX, 254

Viscosity VPM application for OS X, 153, 296-297 preferences window, 298 VNC client, 244 voice commands, 97, 98 AppleScript Editor for, 105 folder for, 104 speech feedback window for, 100 voices, for computer, 102-104 volumes encryption of secondary, 335 selecting for synchronization, 267-268 VPN. See virtual private network (VPN) VPN server preferences window, 298 VyprVPN, 296

W

Wake for network access setting, 53 waking, performing actions on, 15 WaterRoof, 317 Watts, 383-384 web applications, 219 web browsers. See also Firefox web browser; Google Chrome web browser; Safari web browser; site-specific browsers (SSB) 1Password integration with, 282 removing plug-ins, 43 for Tor, 322 web proxy, Polipo as, 323 web servers, 246 action for uploading files to, 140 Mac as, 245 remote login to, 249–250 websites converting to applications, 219-227 keyboard shortcuts for, 11 LaunchBar for accessing, 71–72 making accessible, 250–253 Safari extensions for adding features, 206 for strong password generation, 285 whitelisting, 309 window management applications, 35-38 Cinch, 37-38 Divvy, 35-36 Moom, 37

windows controlling position and display, 92 cycling through, 31 minimizing active, 5 reopening at login, 16–17 resizing, 35-36 switching between, with Mission Control, 31–35 Windows PC, connecting to Mac from, 244 wireless networks hard drive access, 261-262 printer connection, 256 public, 291-293 wireless technologies, energy consumption, 381 Witch, 39 WiTopia personalVPN, 153, 296 WordPress website, hosting, 246 words, defining and spelling, 63-64 workflow, 122 in Automator, 110-113 write access, for file sharing, 237

Х

XAMPP, 253–254 Xcode, 60 XTS-AES 128 encryption, 329