

Table of Contents

Introduction	1
How to Read This Book	1
Assumptions About You	2
A Word about Operating Systems and Service Pack 2	2
How This Book Is Organized	3
Part I: The Basics of Cleaning Your System	3
Part II: Programs and Data	4
Part III: E-Mail and the Internet	4
Part IV: The Operating System	4
Part V: Advanced Cleaning for the Truly Brave	4
Part VI: The Part of Tens	5
Customs and Practices	5
Icons Used in This Book	5
Where to Go from Here	6
 Part I: The Basics of Cleaning Your System	7
 Chapter 1: First Things First: Why You Should Clean	9
Telltale Signs of an Unclean Computer	10
The view from the desktop isn't pretty	10
Traversing the Start menu jungle is an adventure	11
Your PC is slower than molasses	12
You have files older than your dog	13
Your system tray looks like a parking lot	14
Cleaning Up: The Pros and Cons	14
The pros	15
The cons	16
Balancing pros and cons	16
Keeping Your House Tidy	17
 Chapter 2: Determining What to Clean and When	19
How to Eat an Elephant	19
Precautions for Safety's Sake	21
Finding the Right Tools	23
Finding Windows tools	23
Finding third-party tools	25
Creating a Cleaning Schedule	26
Now. Do it now — right now	26
Once a week should do it	27

It's the end of the month already!	28
Time for the annual clean-a-fest	29
Time for an Overhaul?	30
Is New Hardware the Answer?.....	31
Part II: Programs and Data	33
Chapter 3: Identifying What You Have	35
Creating a Program Inventory	35
The think-tank approach	36
The laid-back approach	37
Finding Out What Programs Are Installed	38
Inspecting your desktop.....	38
Scrutinizing the Start menu	40
Checking the Control Panel.....	40
Peering in program folders	41
Discovering What Programs Run When	43
Starting up for all users	43
Starting up for just you.....	44
Figuring Out What Is Running Right Now.....	45
Making a Game Plan.....	48
Chapter 4: Making Your Programs Run Faster	49
Common Sense for Programs	49
Turn off whiz-bang features	50
Watch out for networking “gotchas”.....	50
Never upgrade unless you have to.....	51
Speeding up specific software	52
Speeding Up Access to Large Data Files.....	56
Change your hardware	56
Reconfigure your data	57
Reconfigure your program	57
Are We Compatible?.....	58
Playing Games	60
Pushing the Envelope: Multimedia Editing Programs	62
Chapter 5: Getting Rid of Old Programs	63
Identifying Candidates for Removal.....	63
Unused programs you installed.....	64
Preinstalled software	64
Stuff you find in the Program Files folder.....	65
Four Ways to Remove Unwanted Programs	66
An application’s uninstall command	66
The Add or Remove Programs applet in the Control Panel.....	67
Third-party software	69
The brute-force method	69
Eliminating Remnants of Failed Programs	74

Chapter 6: Data, Data Everywhere77
Finding Temporary Files	78
Locating and deleting files from temporary folders	79
Finding and eliminating specific files.....	81
Tracking Down Orphan Data	82
Doing a Disk Cleanup	83
Finding and Eliminating Duplicate Data	86
What to Do with Multimedia Files.....	88
Empty the Recycle Bin Often.....	89
Chapter 7: Organizing and Archiving Data91
Organizing Your Data.....	91
Adding and partitioning hard drives	92
Creating a folder structure.....	93
Watching your depth.....	94
Moving, renaming, and deleting folders	94
Clearing Out Your Root Directory.....	96
What About the Default Folders?	97
Archiving and Backing Up Data.....	99
Archiving what you don't need.....	99
Backing up what you still need.....	101
Storing backups and archives.....	102
Part III: E-Mail and the Internet.....	103
Chapter 8: Tackling E-Mail Overload105
Using Different Accounts to Manage and Reduce E-Mail	106
Managing incoming mail.....	106
Reducing unwanted mail	107
Psychology 101: Don't Answer That Phone . . . er, E-Mail	108
Why You Get Spam	109
Harvesting addresses	110
Guessing addresses.....	110
Purchasing addresses	112
Tactics for Limiting Spam.....	113
Implementing Spam Filters	114
Types of filters	114
Types of filter technology	116
Combating Spam with a Challenge/Response System	117
Chapter 9: Organizing Your E-Mail119
Using Folders Effectively.....	120
Smart Move: Using Mail Rules	121
Creating a rule.....	121
Rearranging the rules	125
Deleting a rule.....	126

Deleting E-Mail Regularly	126
Determine a cutoff point for e-mails	127
Empty the Deleted Items folder	127
Empty the junk mail folder	127
Watching Out for Attachments	129
Archiving Valuable E-Mail.....	130
Enabling built-in archives.....	130
Using the Mailbox Cleanup tool in Outlook	132
Rolling your own archive process.....	132
Chapter 10: Banishing Internet Villains	135
Uh-Oh! Do I Have a Virus?	136
Finding viruses on your computer.....	136
Blocking viruses	137
Sizing Up Spyware.....	138
Identifying spyware.....	139
Getting to know spyware.....	140
Eliminating spyware.....	142
Blocking Pop-Ups	145
Employing pop-up blockers	145
Blocking Flash ads.....	146
Non-Pop-Up Pop-Ups	148
Resisting the Lure of Trinkets	150
Chapter 11: Managing Internet Information	151
Are Cookies a Reason for Worry?.....	151
Blocking cookies.....	152
Managing your cookies	154
Deleting all cookies	154
Negotiating Newsgroups	156
Organizing Web Favorites	157
Taming Web Cache Files.....	158
Cleaning the cache	159
Finding the cache	160
Changing the cache size	162
Part IV: The Operating System	165
Chapter 12: Cleaning Up the User Interface	167
Master of the Desktop	167
Displaying the traditional desktop icons	168
Renaming and deleting icons	170
Running the Desktop Cleanup Wizard	171
A word on themes and screensavers.....	173

Ordering the Menu System	173
Picking a Start menu layout	174
Customizing the Start menu.....	174
Moving items in the All Programs list.....	176
Creating your own program groups.....	176
Effectively Using the Taskbar	177
Birds of a feather	177
Cleaning the notification area.....	179
Cleaning Up the Control Panel	181
Chapter 13: Streamlining Windows	183
Installing Just What You Need	183
Setting Performance Options	185
Understanding visual effects	186
Advanced performance options	187
Using the Microsoft System Configuration Utility	188
Modifying the startup process	190
Modifying startup files.....	191
Modifying what is started.....	192
Working with the Latest Drivers.....	193
Checking a driver's signature	193
Checking for updated device drivers.....	196
Removing device drivers	196
Going on a .DLL Diet	197
Shut Down Unused Services	198
Services in the Computer Manager.....	199
Services in msconfig	201
Putting System Restore to Work.....	201
Configuring System Restore.....	202
Setting a restore point	203
Reverting to history	204
Chapter 14: Speeding Up the File System	207
Which File System to Use?	208
The FAT file system	208
The NTFS file system	208
Making your choice.....	209
Changing File Systems	209
Seeing what file system you use.....	210
Converting to NTFS	210
Converting to FAT	211
Defragmenting Your Drive.....	212
Checking for Errors	215
Using Windows' disk tools	215
Using chkdsk	216
To Compress or Not?	217

Chapter 15: Managing Windows Updates219
Getting Updates the Way You Want	220
Manual updates	220
Automatic updates	222
Picking an update method	224
Which Updates Do You Really Need?	225
Getting Rid of Update Files	227
Chapter 16: Getting a New System231
When Is Getting a New System Justified?.....	232
What Should You Get?	233
High-end systems	233
Mid-range systems	234
Low-end systems	235
Portable systems.....	235
Preparing for the New System.....	236
Collecting pieces and parts.....	237
Collecting information	237
Reinstalling Programs.....	240
Transferring Data	241
Part V: Advanced Cleaning for the Truly Brave	243
Chapter 17: Memory and Storage245
How Windows Uses Memory	245
Determining Whether You Need More Memory	246
Will Another Hard Drive Help?	249
Faster speed	249
Better performance	250
Choosing Between Internal or External Hard Drives	252
Easy backups	252
Easy data transfer	253
Alternative Storage Solutions	253
Chapter 18: Becoming Security Conscious255
Battening Down the Hatches	256
Physical security	256
Data loss	257
Data recovery.....	257
Malicious programs.....	258
Insecure passwords	258
Staying Secure on the Internet	259
Using Internet zones	259
Harnessing SSL	261
Closing down security problems.....	262

Adding Firewalls	263
The Windows firewall.....	263
ZoneAlarm	266
Hardware firewalls.....	267
Checking Your Security with Service Pack 2	267
Chapter 19: Cleaning House in a Networked Environment	269
Getting Rid of Old User Accounts	270
Deleting network user accounts	270
Deleting local system user accounts	270
Moving Frequently Accessed Data.....	272
Removing Shared Printers	273
Limiting shared printer hours	273
Turning off shared printing	274
Removing Shared Folders	276
Cutting Your System off the Network	277
Chapter 20: Jumping Into the Registry	279
Groking the Registry Behemoth	280
Seeing the trees in the Registry forest.....	281
Buzzing through the Registry hives	281
Unlocking Registry keys	282
Appreciating Registry values.....	283
Editing the Registry	283
Backing up the Registry.....	285
Finding information.....	286
Editing values.....	288
Adding keys or values.....	289
Deleting Registry items.....	290
Using Registry Cleaning Software	290
Registry analyzers	291
Registry cleaners.....	291
Registry compactors.....	292
Restoring the Registry.....	292
Chapter 21: Wiping the Slate Clean	295
Doing a Windows XP Reinstall.....	295
Fixing from a fresh boot.....	296
Starting from within Windows	297
Using an OEM System Restore Disc	300
Wiping Out Your System	302
Preparing for the wipeout	302
Doing the deed.....	303
Picking up the pieces	304

Part VI: The Part of Tens.....	307
Chapter 22: Ten Troubleshooting Ideas	309
Check Your Startup Files	309
Install Windows Updates.....	309
Run a Spyware Removal Program.....	310
Remove Unused Programs.....	310
See What Processes Are Running.....	310
Run the Disk Cleanup Utility.....	311
Defragment Your Disk Drives.....	311
Check File Sizes	311
Check the Size of Your Registry	311
Start Your System in Safe Mode	312
Chapter 23: Ten Software Cleaning Tools	313
Chapter 24: Ten Online Resources	315
Chapter 25: Ten Cool Things in XP Service Pack 2	317
Windows Firewall	317
Memory Protection	318
Network Administration.....	318
Windows Media Player	318
Automatic Updates	318
Outlook Express	319
Add or Remove Programs Filter.....	319
Security Center	319
Pop-Up Blocker	319
Internet Explorer Improvements.....	320
Index.....	321