

Contents at a Glance

<i>Introduction</i>	1
<i>Part I: Getting Started with BitTorrent</i>	9
Chapter 1: Cluing In to BitTorrent	11
Chapter 2: Downloading BitTorrent Files	27
Chapter 3: Playing BitTorrent Files	45
<i>Part II: Managing BitTorrent Content</i>	61
Chapter 4: Finding BitTorrent Content	63
Chapter 5: Storing BitTorrent Content	79
Chapter 6: Understanding BitTorrent and the Law	97
<i>Part III: Creating BitTorrent Content</i>	111
Chapter 7: Creating Audio Files	113
Chapter 8: Shooting Digital Video	131
Chapter 9: Capturing and Editing Digital Video	153
<i>Part IV: Delivering BitTorrent Content</i>	175
Chapter 10: Making and Tracking Torrents	177
Chapter 11: Seeding Your Torrents	193
Chapter 12: Promoting Your Torrents	203
<i>Part V: Getting More out of BitTorrent</i>	219
Chapter 13: Hunting for Additional Content	221
Chapter 14: Protecting Your Content	237
Chapter 15: Using BitTorrent in Organizations	257
<i>Part VI: The Part of Tens</i>	271
Chapter 16: Ten (Or So) Common File Formats for Sharing Your Content	273
Chapter 17: Ten (Or So) Things You Can Do to Stay Safe from Viruses	281
Chapter 18: Ten Fun BitTorrent Downloads	291
<i>Index</i>	301

Table of Contents

Introduction.....

About This Book.....	1
Conventions Used in This Book	2
What You're Not to Read.....	2
Foolish Assumptions	3
How This Book Is Organized.....	3
Part I: Getting Started with BitTorrent	3
Part II: Managing BitTorrent Content	4
Part III: Creating BitTorrent Content.....	4
Part IV: Delivering BitTorrent Content.....	5
Part V: Getting More out of BitTorrent	6
Part VI: The Part of Tens	6
Icons Used in This Book.....	7
Where to Go from Here.....	7

Part 1: Getting Started with BitTorrent.....

Chapter 1: Cluing In to BitTorrent

Reviewing P2P Flaws.....	12
Overviewing old-school file-sharing processes	12
Evaluating the holes in old-school file-sharing processes	12
Introducing the Magic that Is BitTorrent	13
Getting an Idea of What You Can Do with BitTorrent	14
Understanding the advantages of BitTorrent	16
Getting more information about how BitTorrent works.....	17
Keeping Tabs on BitTorrent Jargon	18
Downloading Files Using BitTorrent	20
Getting a BitTorrent client.....	20
Configuring your computer.....	21
Finding torrents to download	21
Decompressing archived files.....	22
Watching, listening, reading	23
Sharing Content Using BitTorrent	23
The way it was	23
The way it is	24
Preparing your files.....	24
Creating a torrent	24



- Identifying a tracker25
- Seeding your torrent25
- Pinpointing Legal Issues.....25

Chapter 2: Downloading BitTorrent Files27

- Downloading and Installing the BitTorrent Client27
- Introducing Other BitTorrent Clients29
 - Getting to know Azureus30
 - Meeting BitTornado31
 - ABC: Yet Another BitTorrent Client.....32
 - Bits on Wheels33
- Setting Up Your Firewall34
 - Figuring out your IP address.....35
 - Configuring the Windows Firewall36
 - Configuring a Linksys router.....36
- Finding a File38
- Downloading BitTorrent Content38
 - Working around disconnections.....40
 - Managing disk space40
- Seeding a Torrent File.....42

Chapter 3: Playing BitTorrent Files45

- Understanding Archive File Types46
 - Introducing the major archive file applications46
- Decompressing BitTorrent Files49
- Playing Audio Files51
 - WinAmp52
 - iTunes52
 - Windows Media Player53
- Playing Video54
 - Windows Media Player54
 - QuickTime55
 - VLC Media Player55
- Figuring Out Codecs56
 - Getting codec help with VideoInspector.....57
 - Being wary of dream solutions to codec problems58
- Dealing with Corrupted Files59

Part II: Managing BitTorrent Content.....61

Chapter 4: Finding BitTorrent Content63

- Looking at Torrent Availability.....63
 - Doing your part to keep torrents alive64
 - Getting search tips64

- A Note about Copyrighted Content65
 - Getting educated about copyright issues66
 - Educating others about the merits of BitTorrent.....66
- Using Search Engines to Find Torrents68
 - Using the BitTorrent Search Engine68
 - Searching using keywords.....68
 - Narrowing down a basic keyword search69
 - Using advanced search techniques70
- Finding Torrents with New Tools74
 - Keeping up with RSS75
 - Broadcatching.....76
 - Making things easy with Exeem.....76
 - Experimenting with Kedora TV77

Chapter 5: Storing BitTorrent Content79

- Setting Up Your Computer80
 - Blocking viruses80
 - Avoiding adware and spyware.....82
- Keeping Track of Your Files83
 - Organizing files with Windows Media Player.....84
 - Organizing files with iTunes.....87
 - Organizing files with RealPlayer.....88
- Knowing What to Delete.....90
 - Deleting old compressed files.....90
 - Deleting old torrents92
- Archiving Files Hard Drives92
 - Deciding between an internal and an external hard drive.....93
 - Setting up your external drive94
 - Getting information about hard drive speeds94
- Archiving Files to CD or DVD.....95
 - Using your CD burner95
 - Using a DVD burner.....96

Chapter 6: Understanding BitTorrent and the Law97

- Understanding the Issues.....98
- Knowing the Penalties for Copyright Infringement101
- Avoiding Copyright Infringement.....102
- Getting Permission to Make Copies.....103
 - Finding a copyright holder.....105
 - Asking permission for your use.....106
- Knowing when You Don't Need Permission.....107
 - Understanding fair use107
 - Introducing the public domain108
 - If everyone jumped off a bridge108
 - Handling content you create.....109

Part III: Creating BitTorrent Content..... 111

Chapter 7: Creating Audio Files	113
Getting Equipped	114
Choosing a Software Option	116
Audacity.....	116
Acoustica MP3 Audio Mixer	118
Adobe Audition.....	120
Choosing Your Hardware	121
Recording Hardware Information You Need to Know	122
Recording Audio and Speech.....	124
Setting up your recording environment	125
Making the recording special.....	126
Editing Audio Files	126
Exporting Audio	128
Chapter 8: Shooting Digital Video	131
Getting Equipped	131
Choosing a camera.....	132
Buying a tripod	136
Selecting a microphone	138
Using headphones	143
Remembering the essentials	144
Shooting Video	145
Planning a shoot	145
Setting up your camera	147
Shooting footage.....	148
Handling Lighting Issues	149
Cleaning Up	151
Chapter 9: Capturing and Editing Digital Video	153
Selecting Hardware and Software	154
Choosing hardware	154
Upgrading your current computer.....	155
Basic components	156
Choosing software.....	156
Capturing Video.....	160
Step 1: Configuring your computer	160
Step 2: Hooking up your camera	161
Step 3: Getting video onto the computer	162
Editing Video.....	163
Working with clips.....	165
Adding transitions.....	165

Applying fades	167
Adding titles	168
Adding audio	170
Exporting Files	172

Part IV: Delivering BitTorrent Content..... 175

Chapter 10: Making and Tracking Torrents177

Creating a Torrent	177
Making a torrent	178
Making a torrent with Azureus	181
Tracking Your Torrents	183
Serving trackerlessly.....	184
Using a public tracker.....	186
Running your own tracker.....	187

Chapter 11: Seeding Your Torrents193

Seeding Your Torrent	193
Continuously Seeding Your Files for Best Results	195
Keeping Seeding Simple	195
Making Torrent Management Easier	197
Naming your files the smart way.....	197
Managing your files	199
Maintaining netiquette.....	200

Chapter 12: Promoting Your Torrents203

Remembering the Basics.....	204
Creating good content	204
Getting the technology right	204
Getting a Web Site or Blog.....	205
Optimizing your content for search engines	207
Using a blog.....	208
Submitting a Press Release	210
Sample Press Release Format	211
Taking Advantage of Basic Web Promotion Tools	213
Advertising on Blogs and Web Sites	213
Examining ad slots	214
Using ad programs	216

Part V: Getting More out of BitTorrent219**Chapter 13: Hunting for Additional Content221**

Finding Images, Audio, and Video	221
Creative Commons Search	222
LegalTorrents	223
DMusic	223
CC Mixer	223
Opsound	223
Nomads' Land	224
Common Content	224
Open Photo	224
Remix Reading	225
Internet Archive.....	225
GarageBand	226
Flickr Creative Commons Pool	226
Open Clip Art Library	227
Stock.XCHNG.....	227
The Web Gallery of Art	227
Magnatune.....	227
Identifying Public Domain Material	228
Obtaining Permissions for Electronic Distribution.....	232
Sample general permission letter.....	233
Sample permission letter for use of content on a Web site	234

Chapter 14: Protecting Your Content237

Understanding Internet Distribution	238
Mitigating the Feeding Frenzy	239
Understanding Copyright Basics	240
Knowing your copyright rights	241
Making sure others know your copyright rights	241
Getting Official with Your Copyright	243
Registering with the U.S. Copyright Office	243
Licensing your own content	244
Taking on Copyright Infringers	246
Writing a cease and desist letter	248
Sending a letter to the infringer's ISP	249
When in doubt, contacting a lawyer	249
Defending Your Content with Technology	250
Using information to your advantage	250
Using technology to your advantage	253
Digital Rights Management	254

Chapter 15: Using BitTorrent in Organizations	257
Delivering the Goods via BitTorrent	258
Measuring Cost and Bandwidth Savings	259
Getting Excited over BitTorrent Uses	261
Knowing the best uses for BitTorrent	262
Introducing some cool distribution possibilities for BitTorrent	262
Looking at How BitTorrent Is Used Today	263
Software	263
Games	265
Music	267
Text	268
Video	269

Part VI: The Part of Tens.....**271**

Chapter 16: Ten (Or So) Common File Formats for Sharing Your Content	273
Archived or Compressed Files	273
Video Files	274
Audio Files	276
Image Files	277
Text Files	278
PDFs	278
HTML Files	279
Flash Files	279
Executable Files	280

Chapter 17: Ten (Or So) Things You Can Do to Stay Safe from Viruses	281
Install Antivirus Software	282
Inform Yourself about New Virus Threats	283
Scan Your BitTorrent Downloads	284
Pay Attention to Warnings and Messages	285
Update. Update Again. And Again.	285
Scan Your Computer Regularly	285
Spread the Word	286
Installing Spyware-Killing Software	287
Update Your Operating System	288
Follow Your Gut	288
Scan Files You Download through Instant Messengers and E-mail	289

Chapter 18: Ten Fun BitTorrent Downloads	291
WIRED Magazine's Creative Commons CD	291
Panorama Ephemera	292
Blue: A Short Film	292
Field Trip: West Siberia	294
The Scene	294
Free Culture	295
Piracy Is Good?	296
South by Southwest Showcasing Artist MP3s	298
8BitPeoples Archives	298
Façade	299
 <i>Index</i>	 301