

# Free for All

## *How Linux and the Free Software Move- ment Undercut the High-Tech Titans*

*by Peter Wayner*



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# Disappearing Cryptography, 2nd Edition

## Information Hiding: Steganography & Watermarking

by Peter Wayner

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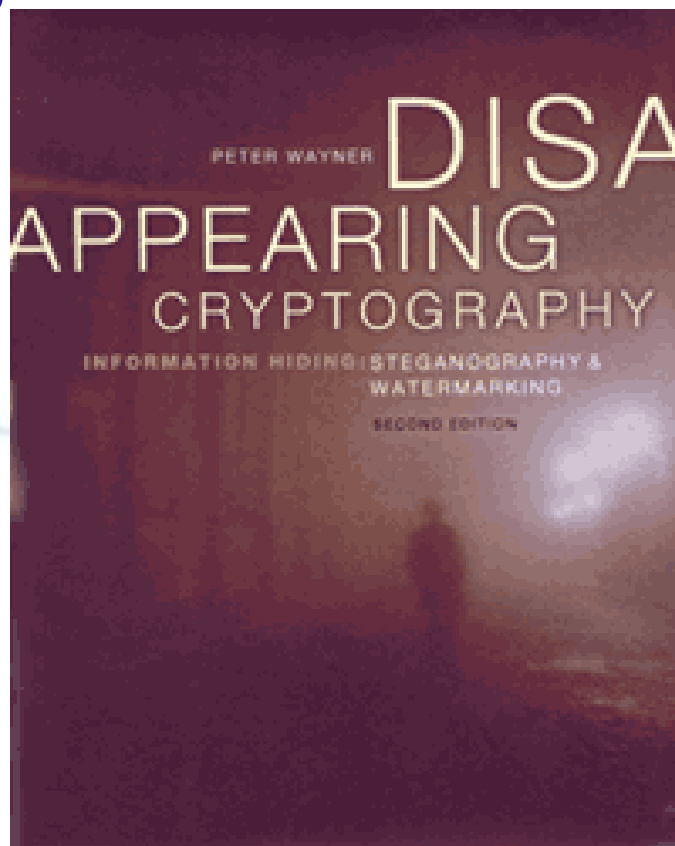
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Disappearing Cryptography, Second Edition describes how to take words, sounds, or images and hide them in digital data so they look like other words, sounds, or images. When used properly, this powerful technique makes it almost impossible to trace the author and the recipient of a message. Conversations can be submerged in the flow of information through the Internet so that no one can know if a conversation exists at all.

This full revision of the best-selling first edition describes a number of different techniques to hide information. These include encryption, making data incomprehensible; steganography, embedding information into video, audio, or graphics files; watermarking, hiding data in the noise of image or sound files; mimicry, “dressing up” data and making it appear to be other data, and more.

The second edition also includes an expanded discussion on hiding information with spread-spectrum algorithms, shuffling tricks, and synthetic worlds. Each chapter is divided into sections, first providing an introduction and high-level summary for those who want to understand the concepts without wading through technical explanations, and then presenting greater detail for those who want to write their own programs. To encourage exploration, the author’s Web site [www.wayner.org/books/discrypt2/](http://www.wayner.org/books/discrypt2/) contains implementations for hiding information in lists, sentences, and images.



“Disappearing Cryptography is a witty and entertaining look at the world of information hiding. Peter Wayner provides an intuitive perspective of the many techniques, applications, and research directions in the area of steganography. The sheer breadth of topics is outstanding and makes this book truly unique. A must read for those who would like to begin learning about information hiding.”

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- decision to avoid the mantle of power in the Linux project, 62
- decision to distribute Linux for free, 9–10, 13
- Linux kernel decisions and, 10–11, 73–74
- Linux kernel work of, 56–61, 115, 230–31
- Linux project started by, 38–39, 47, 52, 153
- on open source movement, 264
- search for an OS platform by, 53–56
- talent for organizing the work of others, 61–62, 113
- Tanenbaum's debate with, 65–66
- on 386BSD, 209
- Transmeta employment of, 74, 133
- Torvalds, Tove, 26
- Trachsel, Reto, 19
- Transmeta, 74, 100, 133
- Transvirtual, 177
- T'So, Ted, 65
- UNISYS, 302
- United Way, 155
- University of California at Berkeley
  - AT&T's control of UNIX and lawsuit against, 38, 41–42, 49–52, 54
  - AT&T's support for, 50–51, 66
  - development of BSD (Berkeley Software Distribution) and, 17, 37–38, 92, 257
  - free software movement and, 37–39
  - TCP/IP developed at, 43–44, 97
- University of Illinois, 237
- UNIX
  - AT&T's control of, 37–38, 49, 81–82, 93, 95, 132
  - Berkeley Software Development (BSD) and, 37
  - lawsuits involving AT&T and control of, 38–39, 41–42, 49–52, 54
  - original development of, 34
- Unix Systems Laboratories (USL), AT&T, 38, 49
- USENET newsgroups, 47–48, 55
- VA Linux, 138
- Verisign, 224
- vi* editor, 94, 136–37
- Walnut Creek, 18, 209, 210, 211, 301
- wealth, 277–89
  - capital formation and, 283–89
  - free source movement and, 278–81
- web servers. *See also* Apache web server
  - Linux and other free packages on, 15

- websites, Linux on, 5
- Web Standards Project, 149
- WebTV, 147, 148
- “Why Software Should Not Have Owners” (Stallman), 141
- Wilkinson, Tim, 177
- Windows operating system, 89, 294
  - desktop interface of, 6
  - free software movement and, 186
  - stability of, 6, 293
  - system crashes using, 6
  - users’ experiences with, 75
- WINE project and, 21–23
- WINE project, 20–23, 295
- Wired* magazine, 97, 297
- women, in free software movement, 127–28
- World Wide Web, 47
- World Wide Web Consortium (W3C), 147
- Wright, Jason, 218, 220
- X Consortium license, 101, 101
- XEmacs, 208, 233, 234
- Xerox, 47, 303
- Xerox PARC, 121, 191
- XML, 150
- X Window System, 67, 101
- Yahoo!, 18, 75, 209
- Yggdrasil, 68
- Young, Robert (Bob), 174, 239–40, 241, 242, 243, 245, 247, 248, 250
- Young, Eric, 222, 224, 226
- Zimmerman, Phil, 268–72
- Zip program, GNU, 301
- Zittrain, Jonathan, 262