# NO STARCH PRESS STYLE SHEET

No Starch Press uses *The Chicago Manual of Style 15th Ed.* and *Merriam-Webster's Collegiate Dictionary 11th Ed.* Refer to those sources or the book's specific style sheet for all matters not covered below.

# **Treatment and Styling of Paragraphs**

**Bulleted lists** For a simple collection of items (BulletA, BulletB, BulletC)

Code See "Code Listings" section

**Definition lists** For terms that require more text (ListHead and ListBody)

**Figure captions** "Figure 10-4: The menu listing shows a variety of options."; only end with a period if the caption is a full sentence (Caption)

Figure numbering Consecutive within chapters

**Figure references** Reference by number in text before the figure appears

**Headings** Up to three levels; title case

Long, run-in heads Sentence case

**Numbered lists** For a set of consecutive steps (NumListA, NumListB, NumlistC)

**Plain lists** Non-bulleted, non-numbered, for terms with short descriptions/definitions (List Plain A, B, and C with **EmphasisBold** terms)

**Stacked elements** Do not stack heads, figures, tables, notes, or text boxes.

**Table numbering** Consecutive within chapters (i.e., Table 1-1, Table 1-2, etc.)

**Table references** Reference by number in text before the table appears

**Table titles** Title case; "Table 14-1: How Fields of Indexed Maps Correspond to Database Parameters"; no full sentences (Table Title)

# **Treatment and Styling of Text**

**NOTE** For more on styling electronic elements, see the "Code Listings" section of this document. For more on text styles, see the table on page 4.

**Abbreviations** No periods in abbreviations: PhD, US. No apostrophe for plural abbreviations: BBS; BBSs (pl); BBS's (poss.). See word list for common abbreviations.

**Acronyms** Spell out upon first mention, with acronym in parentheses. If italicizing as a vocabulary term, italicize the parentheses and acronym: *Internet service provider (ISP)*. Don't introduce acronyms in headings.

**Button names** Title case, except generic references (the play button); Roman for hypothetical, **EmphasisBold** for user input

The Continue button allows you to continue.

Click the **Continue** button to continue.

**Code** Literal and straight quotation marks for code quoted in text. **LiteralBold** for typed user input and *LiteralItal* for placeholders. Query typos but do not edit code.

Commands Literal.

**Company names** Match official usage; pronoun should be *it*. Names beginning with lowercase letters can stand at the beginnings of sentences.

**Cross-references** For chapters: see Chapter 9; for sections: see "Using Paragraph Styles" on page XX

**Email addresses** *EmphasisItalic* 

Filenames and File/Directory Paths EmphasisItalic

**File types** Roman; see word list for common file types

**File extensions** *EmphasisItalic*; the word *dot* is pronounced

**Geographical names** Use West Virginia but eastern Europe. Spell out state names (e.g., Severna Park, Maryland).

Icon selections Match interface for case; Roman even if it's user input

To open a new document, click the New Blank Document icon.

To open iTunes, click the iTunes icon.

**Initials** Close up: H.L. Mencken

**Keyboard keys** KEYCAP for named keys, no initial cap: ENTER, CTRL-C, ALT, DEL, ESC, SHIFT, TAB. The spacebar should be roman. Use regular text for function and alphanumeric keys: F3, F11, C, S, 5.

Mailing lists and Newsgroups EmphasisItalic

**Menus** File ▶ Save (MenuArrow character style, numeral 4 in Webdings, no space on either side of the arrow)

**Menu selections** Title case; Roman for hypothetical, **EmphasisBold** for user input

If you select File > Save As, the Save As dialog will appear.

To save your File, select **File ▶ Save**.

**Onscreen display** Literal for quotations from code output display

**Prepositions** In title case, initial cap prepositions of five letters or more: Let's Work Through the Night.

**Radio Button and Checkbox selections** Sentence case; Roman for hypothetical, **EmphasisBold** for user input

If you check the Enable other users box, you can enable other users.

Select the **Enable other users** radio button to enable other users.

Software names Roman; match manufacturer's usage.

**Tools** Roman; initial caps: Ellipse tool.

Trademarks Not used in text

**URLs** *EmphasisItalic*; always include *http://, www* if necessary, and closing slash.

**User input EmphasisBold**. Use **LiteralBold** for typed input in code.

Usernames and group names *EmphasisItalic* 

**Variables** *EmphasisItalic*, including x in software version numbers.

**Vocabulary Terms** *EmphasisItalic* where term is defined.

**Words as words** *EmphasisItalic*: "If the word *remove* appears to the right of the driver, you know it has been installed correctly."

**Website names** Match official usage; Roman. Online magazines should be *EmphasisItalic* (i.e., *Salon*)

Window and dialog names Roman, title case: Save As dialog

**NOTE** Any element that is not listed in Table 1-1 should most likely be styled Roman, but please ask your production editor for clarification if you encounter anything questionable.

Table 1-1: Text Styles

Text element	Template style	Appearance	Examples
Filenames, file extensions, and directory paths	EmphasisItalic	Italic	figure01_01.png .odt usr/local/etc
URLs, URIs, email addresses, mailing lists, newsgroups	EmphasisItalic	Italic	http://www.nostarch.com/ info@nostarch.com
Emphasized words	EmphasisItalic	Italic	You should <i>always</i> do
Usernames, group names	EmphasisItalic	Italic	The user mwlucas
First instance of a technical term where defined	EmphasisItalic	Italic	The kernel is the
Registry keys	Literal	Monospace	
Language and script elements:     attributes     class names     commands     events     functions     keywords     methods     modules     namespaces     objects     parameters     properties     types     values     variables     XML and HTML tags    etc.	Literal	Monospace	
Placeholder items in syntax	LiteralItal	Monospace italic	hostname="host.example.com"
Placeholders in italic text	(Enclose in angl	e brackets)	http://www. <example>.com</example>
Keyboard accelerators	Кеусар	Small caps	CTRL, ALT, SHIFT
Buttons, when reader is directed to click	EmphasisBold	Boldface	Click <b>OK</b> .
Menus, when reader is directed to select	EmphasisBold and MenuArrow	Boldface with hierarchy arrow	Choose <b>File ▶ Save</b> .
User input, code	LiteralBold	Monospace boldface	

### **Punctuation**

**Ampersands** (&) Use in proper names only.

**Apostrophes and quotation marks** Curled (smart) in regular text; straight in code listings and code quoted in running text.

**Colons** Capitalize the first word of a full sentence when it follows a colon.

**Commas** Use series comma: We bought eggs, milk, and cheese.

**Ellipsis** Use spaces as in . . . (do not use the symbol ...). Include a fourth dot when the ellipsis falls at the end of a sentence.

**Em dashes** Use a true em dash, with no spaces: i.e., word—word.

**En dashes** Use for ranges in parentheticals and tables only; use with open compounds such as pseudo-assembly code and DOCSIS 1.1-certified.

### **Titles of Works**

**Book titles** EmphasisItalic: The Lion, the Witch and the Wardrobe

**Electronic publications** (such as newsletters and magazines) *EmphasisItalic:* Salon

Magazine names EmphasisItalic: Wired

Magazine articles Quotation marks: "The Sexiest Geeks of 2007"

Movie titles EmphasisItalic: Napoleon Dynamite

**Newspaper names** EmphasisItalic: The New York Times

Newspaper articles Quotation marks: "UN Warning"

**TV shows** *EmphasisItalic* for show/series name: *Buffy the Vampire Slayer*; quotation marks for episode titles: "Hush"

**NOTE** For more on treatment of work titles, see the "Citation Guidelines" section of this document.

# Numbers, Dates, Math, and Measurements

#### Numbers

Spell out numbers one through nine. Use numerals for 10 and greater. The four exceptions are:

- For measurements, always use numerals.
- Where numbers one through nine and 10 and greater appear in close proximity and in the same context, use numerals for all.
- For ranges, in running text: one to four, 3 to 12, 15 to 20; in parentheticals and tables: 1–4, 3–12, 15–20
- If a sentence begins with 10 or greater, spell out or edit to avoid.

### Phone numbers

Use periods in phone numbers: 1.800.555.1212

### **Dates and Time**

**Dates** Month Year with no comma (March 1982) or Month Day, Year (September 5, 1974)

Decades '90s or 1990sCenturies 21st century

Eras KEYCAP style, no periods: 201 BC, 2 AD

AM and PM KEYCAP style, no periods: 10 AM, 3:15 PM

## **Mathematical Equations**

Add a single space before and after operands: 2 + 2 = 4

### **Variables**

Variables in standard mathematical formulas should not be italicized:

$$x + y = z$$

When n is standing in for the word number, it should be italicized:

$$(n+1)n$$

Variables (placeholders) in code are italicized:

<body color=colornumber>

#### **Fractions**

- Words in running text (i.e., two-thirds).
- If the fraction is presented with a whole number, it should appear as numerals with case fractions wherever possible: 8 ½.
- Decimal notation should be used in scientific or technical text. Add a zero before the decimal: 0.75.

## Measurements

Abbreviate all units of measurement (except English) when given as a quantity, and leave a space between the value and the unit:

- 3 mm, 3 inches, 3 miles, 3 MHz, 3 feet
- Bit and byte sizes and speeds should not have a space: 6KB, 6Kbps.
- When bits and bytes are on their own, they should be spelled out: 6-bit cable, 6 bytes.

# **Code Listings**

**Code listings** Use CodeA/CodeB/CodeC or CodeSingle. Use **LiteralBold** for typed user input and *LiteralItal* for placeholders. Query typos but do not edit code.

**Code listing numbering (optional)** Consecutive within chapters (Listing 1-1, Listing 1-2, and so on). Code listings are usually not numbered. If appropriate (e.g., when the running text will reference them), you may number listings as you would number figures.

**Code listing captions** "Listing 10-4: The menu listing shows a variety of options."; end with a period only if the caption is a full sentence (Listing paragraph style).

**Code listing references** Reference by number in text before the listing appears

**Tabs** Use four spaces rather than a true tab.

**Line length** Standard code line length is 78 characters.

**Ellipses** Ellipses (three dots) in code should not have spaces. (Make sure Word doesn't autoformat the dots into an ellipsis symbol.)

Ellipsis in the...code listing.

# Styling Code

Use **QQQ** . . . (style: Wingdings) to call out specific elements in a line of code that you will refer to and/or describe within the text. The figure shows the characters that correspond to the numbers in the Wingdings font.

			$\overline{}$
u	0	Z	6
V	2	{	7
W	8	1	8
X	4	}	9
y	6	~	•

Put the number balls in front of the element to which you will refer, with no space after them. Use only numbers 1–10 in any one code listing. For example, to point out the tags that open and close a link in HTML:

①<a href="www.google.com">Google②</a>

Use LiteralBold to highlight changes in code or large parts of code that you will call out in the text. For example, to point out that you had changed the link from No Starch to Google:

<a href="www.nostarch.com">No Starch</a> <a href="www.google.com">Google</a>

Use *LiteralItal* for variables contained in code. For example, if the reader is to use his TFTP IP address and config name:

tftp -i TFTP\_IP GET CONFIG\_NAME

Use Literal when referring to machine output, commands, functions, or objects in running text. Here are some examples:

- Use the GET command to access the file.
- Within a few seconds the phrase Press any key to stop auto-boot will appear.
- You must use an SNMP agent to access the object cmHybridMode.

Use LiteralBold for typed user input in running text. Here are some examples:

- Enter the password dlink.
- Type run: program Windows into the Terminal.

### **Citation Guidelines**

For recommended reading or other simple references that don't require a true citation, just give as much information as the reader would need to find the piece (i.e., title, author, and publisher). For example, "A great resource on this topic is Randall Hyde's *The Art of Assembly Language* (No Starch Press, 2003)." Long URLs for online pieces may be footnoted for easier reading.

As a general rule, follow *The Chicago Manual of Style* for citation formats. Unless you have a large number of citations, or your topic requires more precise scientific citation, you can use the following method.

If you don't feel that this method will fit your content, discuss alternatives with your editor(s).

# **Bibliography and Footnotes**

If you want to include a bibliography at the back of the book, the entries should appear as follows, alphabetized by author's last name:

Surname, Given Name. *Title of Work: Subtitle of Work.* Location: Publisher, YYYY.

And then you can put a footnote in the text where the reference appears:

<sup>1</sup> Surname, Short Title, pp.

Or, if you don't want to have a bibliography, use a more complete footnote:

<sup>1</sup> Given Name Surname, *Title of Work* (Location: Publisher, YYYY), pp.

## Elements to Include

Whichever citation style you use, these pieces of information should always be included:

- Author (and/or editor, translator, etc.)
- Title (and usually subtitle)
- Publication date

Also include:

- For BOOKS: Location and publisher
- For ARTICLES: Journal name, volume, year, page no., and issue
- For ONLINE pieces: Indicate that the piece was published online; list URL (and access date if appropriate)

Long, complete works should be set in italics (i.e., books, journals and magazines, online magazines, musical albums, feature-length films, TV series, newspapers, and so on).

Shorter or partial works should be set roman, in quotation marks (i.e., chapters, articles, online articles, songs, TV series episodes, poems, and so on).

### WORD LIST

For acronyms, the article is specified ENTER key based on preferred pronunciation. equal sign (=) ESCAPE key (or ESC key, Windows) exclamation mark (!) Symbols and Keys forward slash (/) angle brackets (not just brackets, greater-than sign (>) unless the term has been introhash mark (not *pound sign*; #) duced and it's clear: < >) less-than sign (<) ALT kev OPTION key (Mac) ALT-N parenthesis (singular); parentheses at sign (@) (plural) backslash (\) percent (spell out, use % only in BACKSPACE key tables or code) backtick (not backstroke, `) quotation marks (spell out the first braces or curly brackets (not *curly*) time it appears; can be quotes braces; not just brackets, unless thereafter) the term has been introduced RETURN key (Mac) and it's clear; { }) semicolon (;) button bar SHIFT key CAPS LOCK key single quote caret (^) spacebar Command key ( $\mathbf{X}$ ; lowercase z in square brackets (not just brackets, Wingdings font; Mac) unless the term has been intro-CONTROL key (Mac) duced and it's clear; []) <CR><LF> (carriage return, line TAB key feed) underscore (\_) CTRL key (Windows) up arrow CTRL-ALT-DELETE CTRL-N curly brackets or braces (not curly braces; not just brackets, unless acknowledgments the term has been introduced ActionScript and it's clear; { }) ActiveX control add-on (a) DELETE key dot (not *period* unless referring to ADO.NET grammar) aka (also known as)

AM

down arrow

anonymous FTP	(
ANSI (American National Stan-	.c (C/C++ source code file)
dards Institute); an ANSI	C language (n); C-language (a)
ANSI color	C: drive
antivirus	café
appendixes	canceled
applet (or Java applet)	case sensitive (n); case-sensitive (a)
AppleScript	CAT-5 (a CAT-5)
ARPAnet; an ARPAnet	CD (compact disc; preferred to
ASCII (American Standard Code	CD-ROM. Example: use <i>CD</i>
for Information Interchange);	drive instead of CD-ROM drive);
an ASCII	a CD
autogenerate	CD-R (compact disc recordable);
awk (programming language)	CD-Rs (pl); a CD-R
	CD-RW (compact disc rewritable);
В	CD-RWs (pl); $a$ $CD$ -RW
backend	.cfg (configuration file)
background processes	chatroom
backup (n); back up (v); back-up (a)	checkbox
backward	chipset (n, a)
backward compatible	classpath
bandwidth	click (not click on)
BeOS	client/server
Berkeley Unix	client side (n); client-side (a)
Bézier curve	.cnf (Telnet configuration file)
bioinformatics	co-author (n, v)
BIOS (basic input/output system);	co-class
a BIOS	code set
bitmap	co-founder
bit mask	colorcell
Bitnet	colormap
bit plane	Command key (X; Macintosh)
bitwise operators	command line (n);
bookmark (n, v)	command-line (a)
Boolean (unless referring to a	compile time (n); compile-time (a)
datatype in code, in which case	CompuServe
s/b lowercase)	copyleft
boot (n, v)	copyright
bootloader	co-worker
Bourne-again shell (bash; a bash)	.conf (Unix configuration file)
Bourne shell	config file (configuration file);
browsable	.config
BSD (Berkeley Software	Control Panel
Distribution); a BSD	CORBA (Common Object Request
built-in (a)	Broker Architecture); a CORBA
buses (pl)	.cpp (C++ source code file)

CPU (central processing unit);	DSL (digital subscriber line);
a CPU	DSLs (pl); a DSL
criterion (s), criteria (pl)	dual-boot
cross-reference	
cross section (n); cross-sectional (a)	E
crosstalk (n)	ebook
crosshair	Emacs
crosshair cursor	
	email (n, a, v)
D	emails (pl) only if preceded by a
	quantity (e.g., five emails, a few
database; .db	emails)
data block	empty-element tag
datafile	end-of-file (EOF); an EOF
datatype	end-tag
data is (treat as singular noun)	end user
Debian GNU/Linux	Ethernet
DES (Data Encryption Standard);	.exe (executable file)
a DES	Exim
design time (n); design-time (a)	
dial-in (a)	F
dial-up (a)	facade
dialog (not dialog box)	failback (n)
disc (for CDs, DVDs, and other	failover (n)
optical media)	FAQ (frequently asked questions);
disk (for hard drives and other	an FAQ
magnetic media)	fax
DLL (dynamic link library); a DLL;	FDL (Free Documentation
.dll	License); an FDL
DMA (direct memory access)	
DNS (Domain Name System);	file manager filename
$a  \mathrm{DNS}$	
DocBook	file server
DOM (Document Object Model);	file sharing
$a\mathrm{DOM}$	filesystem
DoS (Denial of Service) attack;	file type
$a \operatorname{DoS}$	firewall
double-click (n, v)	FireWire
double-precision (a)	floppy disk
double quotes	foreground
down arrow	FORTRAN (The IBM Mathematical
downlevel (a)	Formula Translating System)
download	Fortran 90
dpi (dots per inch)	forward (adv)
drag-and-drop (n, a); drag and	frame type
$\operatorname{drop}(v)$	frontend
drop-down menu	FreeBSD
	FSF (Free Software Foundation)

FTP (File Transfer Protocol);	hotspot
an FTP FTP site	HOWTO file how-to; how-tos (n)
TII Site	HTML (HyperText Markup
G	Language); an HTML; .htm, .html
gateway	HTTP (HyperText Transfer
Gb (gigabit)	Protocol); an HTTP
GB (gigabyte)	hypertext
GBps (gigabytes per second)	, <del>,</del>
GHz (gigahertz)	1
gid (group ID); a gid	-
GIMP (GNU Image Manipulation	I/O (input/output); an I/O
Program); a GIMP	IDE (integrated development
GNOME (GNU Network Object Model Environment);	environment); an IDE
a GNOME	ID (identifier; identification); IDs; an ID
GNU (GNU's Not Unix); a GNU	inbox
GNU Emacs	.ini (initialization file)
GNU Project	inline
GNUstep	inode
Google (proper noun); google (v)	interclient
GPL (GNU General Public	Internet, the (the Net okay only for
License); a GPL	less formal books)
gray	internetwork
grayscale	Intrinsics
GTK (GIMP toolkit)	IP (Internet protocol); an IP
GUI (graphical user interface);	IPsec; an IPsec
GUIs (pl); a GUI	IRC (Internet Relay Chat); an IRC
	IRQ (interrupt request); an IRQ
Н	ISA (Industry Standard Architec-
handcode	ture); an ISA
handheld (a)	ISO; an ISO; .iso
hardcoded	ISP (Internet service provider);
hardcopy	an ISP
hardcore	_
hard disk	J
hard link	Jabber
"Hello, world!"	JAR (JavaTM Archive) file; a JAR;
high-level (a)	.jar
high tech (n); high-tech (a)	Java; .java
hi-res (high resolution)	JavaScript; JavaScripts (pl); .js
home page	
host ID	K
hostmask	Kb (kilobit)
hostname	KB (kilobyte)
hotkey	Kbps (kilobits per second)
	1 1

KDE (K Desktop Environment);	Mb (megabit)
$a~\mathrm{KDE}$	MB (megabyte)
keepalive (n, a)	MBps (megabytes per second)
Kerberos	McGraw-Hill
.key (security key file)	menu bar
keyclick	metacharacter
keycode	MHz (megahertz)
keyframe	mice
keymaps	MIDI (Musical Instrument Digital
keypad	Interface); a MIDI; .mid, .midi
keystroke	mIRC; an mIRC
keywords	MO (magneto-optical); an MO
kHz (kilohertz)	moiré
,	monospaced font
l	MP3 (MPEG Audio Layer 3);
_	MP3s (pl); an MP3; .mp3
LAN (local area network); a LAN	MS-DOS (Microsoft Disk Operating
$L_AT_EX$ ; .tex	System); an MS-DOS
left-hand (a)	multiline
leftmost	multimedia
leveled (not levelled)	multitasking
LILO (Linux Loader); a LILO	multithreaded
line feed (n); line-feed (a)	multitier
Linux	multiuser
T · C	munusci
Linuxconf	
LinuxConf LinuxPPC	
	N
LinuxPPC	<b>N</b> naive
LinuxPPC listbox logfile; .log	••
LinuxPPC listbox logfile; .log login, logout, or logon (n, a)	naive
LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v)	naive name server
LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v) lookup (n, a); look up (v)	naive name server name service namespace
LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v)	naive name server name service namespace Net, the (informal books only)
LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v) lookup (n, a); look up (v) lower- and uppercase lowercase	naive name server name service namespace Net, the (informal books only) .NET; a.NET
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LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v) lookup (n, a); look up (v) lower- and uppercase lowercase lower-level (a) lower-right (a) LPI (Linux Professional Institute); an LPI  M mail server mail-handling (a) makefile; Makefile (when referring	naive name server name service namespace Net, the (informal books only) .NET; a .NET NetBIOS (Network Basic Input/ Output System) NetBSD NetInfo netgroup netmask networkwide never-ending newline newsgroup newsreader
LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v) lookup (n, a); look up (v) lower- and uppercase lowercase lower-level (a) lower-right (a) LPI (Linux Professional Institute); an LPI  M mail server mail-handling (a) makefile; Makefile (when referring to the filename)	naive name server name service namespace Net, the (informal books only) .NET; a .NET NetBIOS (Network Basic Input/ Output System) NetBSD NetInfo netgroup netmask networkwide never-ending newline newsgroup newsreader news server
LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v) lookup (n, a); look up (v) lower- and uppercase lowercase lower-level (a) lower-right (a) LPI (Linux Professional Institute); an LPI  M mail server mail-handling (a) makefile; Makefile (when referring to the filename) makeup (n); make up (v)	naive name server name service namespace Net, the (informal books only) .NET; a .NET NetBIOS (Network Basic Input/ Output System) NetBSD NetInfo netgroup netmask networkwide never-ending newline newsgroup newsgroup newsreader news server NeXTSTEP
LinuxPPC listbox logfile; .log login, logout, or logon (n, a) log in, log out, or log on (v) lookup (n, a); look up (v) lower- and uppercase lowercase lower-level (a) lower-right (a) LPI (Linux Professional Institute); an LPI  M mail server mail-handling (a) makefile; Makefile (when referring to the filename) makeup (n); make up (v) man pages (manual pages)	naive name server name service namespace Net, the (informal books only) .NET; a .NET NetBIOS (Network Basic Input/ Output System) NetBSD NetInfo netgroup netmask networkwide never-ending newline newsgroup newsreader news server

no-nonsense (a) NTP (network time protocol);	PDF (Portable Document Format); a PDF; .pdf
an NTP	Perl; .pl
0	PIO (programmed input/output);  a PIO
offline	pipeline plaintext (n, a)
offload	plug and play (n); plug-and-play (a)
offsite	plug-in (n, a)
off-topic	PM
Ogg Vorbis; .ogg	PNG (Portable Network Graphics);
okay (unless referring to a button,	a PNG; .png
then OK)	POP (point of presence); a POP
OLE (object linking and	pop-up (n, a); pop up (v)
embedding); an OLE	POSIX (Portable Operating System
onboard (a)	Interface); a POSIX
ongoing	PostScript; .ps
online	P2P (peer-to-peer); a P2P
onscreen	PPP (point-to-point protocol); a PPP
onsite	progress bar
OOP (object-oriented program-	pseudoattribute
ming); an OOP	pseudoterminal
open source (n, a)	pseudo-tty
OpenBSD	public key (n); public-key (a)
ORB (object request broker);	
an ORB	pull-down (a)
	Q
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS	<b>Q</b> Q&A, Q&As a Q&A
an ORB OS/2 (Operating System/2); an OS/2	<b>Q</b> Q&A, Q&As a Q&A Qt
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS	<b>Q</b> Q&A, Q&As a Q&A
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS	<b>Q</b> Q&A, Q&As a Q&A Qt
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox	<b>Q</b> Q&A, Q&As a Q&A Qt
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks	Q &A, Q&As a Q&A Qt QuickTime
<ul> <li>an ORB</li> <li>OS/2 (Operating System/2);</li> <li>an OS/2</li> <li>OSS (open source software); an OSS outbox</li> <li>P</li> <li>packet switch networks</li> <li>pagefile</li> </ul>	Q Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory);
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro	Q Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a)	Q Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory);
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop	Q Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port	Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a)
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop	Q Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a)
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port part-time (a) Pascal	Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a) read/write real time (n); real-time (a)
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port part-time (a)	Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a) read/write
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port part-time (a) Pascal passphrase	Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a) read/write real time (n); real-time (a) record keeping (n); record-
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port part-time (a) Pascal passphrase password protect (v); password-	Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a) read/write real time (n); real-time (a) record keeping (n); record- keeping (a)
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port part-time (a) Pascal passphrase password protect (v); password- protected (a)	Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a) read/write real time (n); real-time (a) record keeping (n); record- keeping (a) re-create
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port part-time (a) Pascal passphrase password protect (v); password- protected (a) patchlevel	Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a) read/write real time (n); real-time (a) record keeping (n); record- keeping (a) re-create redirection
an ORB OS/2 (Operating System/2); an OS/2 OSS (open source software); an OSS outbox  P packet switch networks pagefile Paint Shop Pro pair-to-pair (a) palmtop parallel port part-time (a) Pascal passphrase password protect (v); password- protected (a) patchlevel pathname	Q Q&A, Q&As a Q&A Qt QuickTime  R RAM (random-access memory); a RAM random-access (a) README file read only (n); read-only (a) read/write real time (n); real-time (a) record keeping (n); record- keeping (a) re-create redirection re-enter

removable media (a)	snap to grid
rename	SOAP (Simple Object Access
resell	Protocol); a SOAP
rich text	sound card
right-click (n, v)	source code
right-hand (a)	spacebar
rollback (n); roll back (v)	spam
rootkit	spellcheck; spellchecker
RTF (Rich Text Format); an RTF;	split screen
.rtf	SSH (Secure Shell); an SSH
rulebase	SSL (Secure Sockets Layer); an SSL
ruleset	standalone
runlevel	start up (v); startup (a)
	start up (v), startup (a)
runtime (n, a)	status bar
\$	step (as in step 1, step 2, and so on)
Samba	stdin (standard input)
SAX (Simple API for XML); a SAX	stdout (standard output)
screen dump	stylesheet
screensaver	subdevice
screenshot	subprocess
scroll bar	superblock
SCSI (small computer system	superuser
interface); a SCSI	SUSE Linux
secondhand (a)	swapfile
securelevel (in Linux)	swapspace
sed scripts	sync
semipermanent	.sys (system file)
Sendmail	system administrator (sysadmin okay
	for informal usage/books)
server-dependent (a)	system-wide (a)
server side (n); server-side (a)	
servlet	T
setup (n, a); set up (v)	-
SGML (Standard Generalized	10-baseT
Markup Language); an SGML;	T1; a T1
.sgml	takeover (n); take over (v)
shell (lowercase even in shell name;	tarball
e.g., Bourne shell)	taskbar
shortcut	TB (terabyte)
shutdown (n); shut down (v)	TCP (transmission control
single-precision (a)	protocol); a TCP
single quote	TCP/IP (transmission control
site map	<pre>protocol/Internet protocol);</pre>
Smalltalk	$a\mathrm{TCP/IP}$
SMP (symmetric multiprocessing);	telnet, telnetting (v)
$an~\mathrm{SMP}$	$T_EX$ ; $aT_EX$ ; .tex
snail mail	

text box	versus (in text); vs. (in headings
text-input mode	and tables); v. (for legal cases)
thread pooling (n)	vice versa
time-sharing process	video card (preferred to graphics
timestamp	card)
time zone	videogame
title bar	voicemail
title button	VoiceXML
toolbar	VRML (virtual reality markup
toolbox	language); a VRML; .wrl
tool tip	VS.NET; $a$ VS.NET
top-level (a)	
touchup (a)	W
toward	WAN (wide area network); a WAN
trade-off (n)	warez
Trojan horse	washout (n, a); wash out (v)
troubleshooting (n, a, v)	web browser
TSR (terminate and stay resident);	web client
a TSR	webmaster
turnaround (n, a); turn around (v)	web page
.txt (text file)	web server
type (not <i>type in</i> )	website
	Web, the (n)
U	white pages
United States (n); US (a); a US	whitespace
Unix (generic); Unix-based (a);	wildcard
Unix-type (a); Unix-like (a)	wireframe view
UNIX (only when trademarked	worldwide
from AT&T); a UNIX	WORM (write-once read-many);
uppercase	$a\mathrm{WORM}$
upper-left corner	worst case (n); worst-case (a)
UPS (universal power supply);	writable
UPSs; a UPS	WWW (World Wide Web); a WWW
up to date (n); up-to-date (a)	W3C (World Wide Web Consor-
URL (uniform resource locator);	tium); $a$ W3C
$a\mathrm{URL}$	
USB (Universal Serial Bus); a USB	X
Usenet	x86; an x86
uid (user ID); a uid	XFree86; an XFree86
user manual	XHTML (Extensible HyperText
username	Markup Language);
	an XHTML; .xhtml
V	XLink (XML Linking Language);
V2; version 2	an XLink
VAX/VMS (virtual memory system)	XML (Extensible Markup
VB.NET; a VB.NET	Language); an XML; .xml
- ··· <b>,</b> ········ <del>-</del>	

XSL (Extensible Stylesheet Language); an XSL; .xsl XSLT (Extensible Stylesheet Language Transformation); an XSLT; .xslt

## Y

Yahoo!

## Z

zeros zip (v) ZIP Code zip drive Zip file; .zip