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COMPUTER DICTIONARY

TENTH EDITION

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BRYAN PFAFFENBERGER

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COMPUTER DICTIONARY

10TH EDITION

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WILEY

Wiley Publishing, Inc. # 51482402

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76.15
.P395
2003

Webster's New World™ Computer Dictionary, 10th Edition

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Published by Wiley Publishing, Inc., Indianapolis, Indiana

Published simultaneously in Canada

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Library of Congress Cataloging-in-Publication Data is available from the publisher.

ISBN 0-7645-2478-X

Manufactured in the United States of America

5 4 3 2

host adapter The adapter that transfers data and instructions back and forth between a hard or floppy disk drive controller and the central processing unit (CPU). Usually an adapter that plugs into the expansion bus, the host adapter complies with a specification such as Integrated Drive Electronics (IDE), Enhanced IDE (EIDE), or Small Computer System Interface (SCSI).

HotBot See *search engine*.

HotDog See *HTML editor*.

hot key A keyboard shortcut that accesses a menu command. A shortcut key, in contrast, gives one direct access to a dialog box or other feature.

hot link In object linking and embedding (OLE), a method of copying information from one document (the source document) to another (the destination document) so that the target document's information is updated automatically when the source document's information changes. See *cold link*.

hot swapping Removing or adding a peripheral device while the computer is running. This action is not possible with older peripheral connection standards, with the exception of the PS/2 mouse port. USB and FireWire (also called IEEE 1394) are two peripheral interconnection standards that enable hot swapping. See *FireWire*, *USB*.

housekeeping Computer maintenance, including organizing files and directories in a logical manner, running utility programs such as defragmentation utilities and virus checkers, and deleting unneeded files to free up disk space.

HPA Acronym for high performance addressing. A passive-matrix LCD display technology that provides better images and performance than conventional passive-matrix LCD displays. HPA displays

are inferior to the more expensive active-matrix displays found on mid- to high-end notebook computers. See *active matrix display*, *passive matrix display*.

HP-compatible printer A printer that responds to the Hewlett-Packard Printer Control Language (HP PCL), which has become the standard for laser printing in the IBM and IBM-compatible computing world.

HPGL See *Hewlett-Packard Graphics Language*.

HP PCL See *Hewlett-Packard Printer Control Language*.

HSB color model A color model in which the color generated by an individual screen pixel is specified by three variables: hue (the color's wavelength), saturation (the purity of the color), and brightness (the relative intensity of energy emitted by the color). See *CMYK color model*, *color model*, *RGB color model*.

HSDRAM Acronym for High-Speed SDRAM. A type of SDRAM that is compatible with motherboards with bus speeds of up to 150 Mbps. See *SDRAM*.

HTML Acronym for Hypertext Markup Language. A markup language for identifying the portions of a document (called *elements*) so that, when accessed by a program called a Web browser, each portion appears with a distinctive format. HTML is the markup language behind the appearance of documents on the World Wide Web (WWW). HTML is standardized by means of a document type definition (DTD) composed in the Standard Generalized Markup Language (SGML). HTML includes capabilities that enable authors to insert hyperlinks that display another HTML document when clicked. The agency responsible for standardizing HTML is the World Wide Web Consortium (W3C).