

Designed for  
  
Microsoft®  
Windows NT®  
Windows 95

**The Ultimate Computer Reference**

*The Comprehensive Standard for Business,  
School, Library, and Home*

**Over  
2,300  
New Terms**  
With Online Updates  
Available Quarterly

Microsoft Press®  
**Computer  
Dictionary**  
Third  
Edition

- *Over 7,600 terms and definitions*
- *345 illustrations and diagrams*
- *Extensive Internet and Web coverage*
- *Featured in Microsoft® Bookshelf® 97*

**Microsoft Press**

**DOCKET  
ALARM**

Find authenticated court documents without watermarks at [docketalarm.com](http://docketalarm.com).

PUBLISHED BY  
Microsoft Press  
A Division of Microsoft Corporation  
One Microsoft Way  
Redmond, Washington 98052-6399

Copyright © 1997 by Microsoft Corporation

All rights reserved. No part of the contents of this book may be reproduced or transmitted in any form or by any means without the written permission of the publisher.

Library of Congress Cataloging-in-Publication Data pending.

ISBN 1-57231-743-4

Printed and bound in the United States of America.

1 2 3 4 5 6 7 8 9 QMQM 2 1 0 9 8 7

Distributed to the book trade in Canada by Macmillan of Canada, a division of Canada Publishing Corporation.

A CIP catalogue record for this book is available from the British Library.

Microsoft Press books are available through booksellers and distributors worldwide. For further information about international editions, contact your local Microsoft Corporation office. Or contact Microsoft Press International directly at fax (425) 936-7329. Visit our Web site at [mspress.microsoft.com](http://mspress.microsoft.com).

Macintosh, Power Macintosh, QuickTime, and TrueType fonts are registered trademarks of Apple Computer, Inc. Intel is a registered trademark of Intel Corporation. DirectInput, DirectX, Microsoft, Microsoft Press, MS-DOS, Visual Basic, Visual C++, Win32, Win32s, Windows, Windows NT, and XENIX are registered trademarks and ActiveMovie, ActiveX, and Visual J++ are trademarks of Microsoft Corporation. Java is a trademark of Sun Microsystems, Inc. Other product and company names mentioned herein may be the trademarks of their respective owners.

**Acquisitions Editor:** Kim Fryer

**Project Editors:** Maureen Williams Zimmerman, Anne Taussig

**Technical Editors:** Dail Magee Jr., Gary Nelson, Jean Ross, Jim Fuchs, John Conrow, Kurt Meyer, Robert Lyon, Roslyn Lutsch

# Contents

Introduction

v

## **Dictionary** *of Computer Terms*

■

### **Appendix A**

ASCII Character Set

520

### **Appendix B**

IBM Extended Character Set

522

### **Appendix C**

Apple Macintosh Extended Character Set

524

### **Appendix D**

EBCDIC Character Set

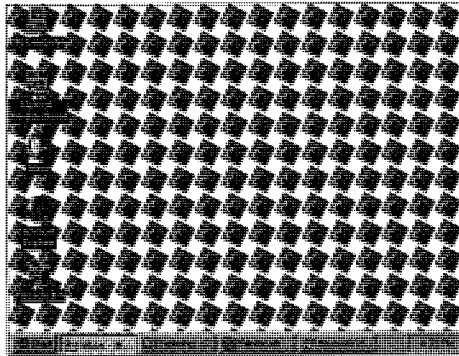
528

### **Appendix E**

Numeric Equivalents

534

graphic image. See the illustration. **3.** In an environment with multiple windows, to rearrange and resize all open windows so that they appear fully on the screen without any overlap.



**Tile.**

**time and date** \tīm` ənd dāt` \ *n.* In computing, the timekeeping and datekeeping functions maintained by the computer's operating system, used most visibly as a means of "stamping" files with the date and time of creation or last revision.

**time-division multiplexing** \tīm` də-vīzh-ən mul`ti-pleks-ēng` \ *n.* A form of multiplexing in which transmission time is broken into segments, each of which carries one element of one signal. *See also* statistical multiplexer. *Compare* FDM.

**time out** or **timeout** or **time-out** \tīm` out` \ *n.* An event that indicates that a predetermined amount of time has elapsed without some other expected event taking place. The time-out event is used to interrupt the process that had been waiting for the other expected event. For example, a dial-up remote system might allow the user 60 seconds to log in after making a connection. If the user fails to enter a valid login name and password within this time, the computer breaks the connection, thus protecting itself against crackers as well as freeing a phone line that may have gone dead.

**timer** \tī`mər` \ *n.* A register (high-speed memory circuit) or a special circuit, chip, or software routine used to measure time intervals. A timer is not the same as the system clock, although its pulses can be derived from the system clock frequency. *See also* time and date. *Compare* clock (definition 1), clock/calendar.

**time-sharing** \tīm`shâr`ēng` \ *n.* The use of a computer system by more than one individual at the same time. Time-sharing runs separate programs concurrently by interleaving portions of processing time allotted to each program (user). *See also* quantum (definition 2), time slice.

**time slice** \tīm` slīs` \ *n.* A brief period of time during which a particular task is given control of the microprocessor in a time-sharing multitasking environment. *See also* multitasking, preemptive multitasking. *Compare* quantum (definition 2).

**time-slice multitasking** \tīm`slīs` mul`tē-ta-skēng, mul`ti-ta-skēng` \ *n.* *See* preemptive multitasking.

**Time to Live** \tīm` tōō liv` \ *n.* A header field for a packet sent over the Internet indicating how long the packet should be held. *Acronym:* TTL (T`T-L). *See also* header (definition 2), packet (definition 1).

**timing signals** \tī`mēng sig`nəlz` \ *n.* **1.** Any of several types of signals used to coordinate activities within a computer system. **2.** A signal used to coordinate data transfer operations.

**tiny model** \tī`nē mod`əl` \ *n.* A memory model in the Intel 80x86 processor family. The tiny model allows a combined total of only 64 kilobytes (KB) for code and for data. *See also* 8086, memory model.

**title bar** \tī`tl bār` \ *n.* In a graphical user interface, a horizontal space at the top of a window that contains the name of the window. Most title bars also contain boxes or buttons for closing and resizing the window. Clicking on the title bar allows the user to move the entire window.

**.tj** \dot`T-J` \ *n.* On the Internet, the major geographic domain specifying that an address is located in Tajikistan.

**.tk** \dot`T-K` \ *n.* On the Internet, the major geographic domain specifying that an address is located in Tokelau.

**TIA** \T`L-A` \ *n.* Acronym for **three-letter acronym**. An ironic term, usually used in jest on the Internet in e-mail, newsgroups, and other online forums, referring to the large number of acronyms in computer terminology, particularly those consisting of three letters.

**.tm** \dot`T-M` \ *n.* On the Internet, the major geographic domain specifying that an address is located in Turkmenistan.

**TMS34010** \T-M-S`thrē`-fōr-ō`wən-ō` \ *n.* *See* 34010, 34020.



Microsoft Press®  
**Computer  
Dictionary**  
Third  
Edition

**The Comprehensive  
Standard for Business,  
School, Library, and Home**



MICROSOFT PRESS COMPUTER DICTIONARY, THIRD EDITION, is the authoritative source of definitions for computer terms, concepts, and acronyms—from the world's most respected computer software company. With more than 7,600 entries—2,300 of which are new—this comprehensive standard has been completely updated and revised to cover the most recent trends in computing, including extensive coverage of Internet, Web, and intranet-related terms. The definitions are based on the ways the terms are used in the real world today. Extensively illustrated, the Third Edition now offers a more professional, traditional-dictionary format for maximum utility and ease of use.

**U.S.A.           \$34.99**  
**U.K.             £32.48**  
**Canada         \$48.99**

[Recommended]

ISBN 1-57231-743-4



90000



9 781572 317437



7 90145 17434 5

Key facts that make the new MICROSOFT PRESS COMPUTER DICTIONARY, THIRD EDITION, one of the finest references of its kind you can use:

- In addition to terms and technology developed at Microsoft, the dictionary thoroughly covers other products and technologies in the computing industry (PC, Macintosh®, and Unix terminology), plus words illustrating mathematical, mainframe, network, and programming concepts.
- It's a real dictionary. You'll find pronunciation guides, parts of speech, and definitions.
- Online updates are available every quarter on the Microsoft Press Web site.

***"The must-have computer resource."***

**—Compute**

*Computers/General Reference*

**Microsoft Press**

**DOCKET  
ALARM**

Find authenticated court documents without watermarks at [docketalarm.com](http://docketalarm.com).