

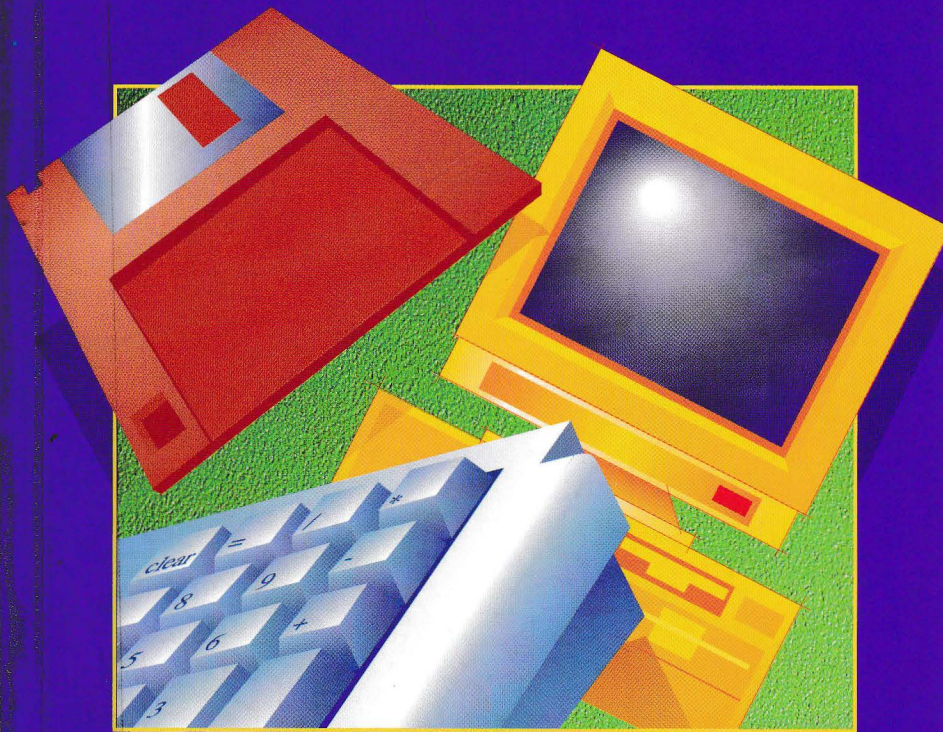
Exhibit 3



Peter Collin Publishing

DICTIONARY OF COMPUTING

FOURTH EDITION



over 10,000 terms clearly defined

DICTIONARY OF
COMPUTING

FOURTH EDITION

S.M.H. Collin

PETER COLLIN PUBLISHING

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Preface

This dictionary provides the user with a comprehensive field of computing. It covers all aspects of computer software, peripherals, networks, programming, as well as the hardware which computers are used, such as the Internet and local area networks. It describes the latest developments in networks, the Internet, programming, multimedia, processor design, and

The definitions of the main entries are each explained in a limited vocabulary of about 500 words, over and above the definitions in the dictionary as main words. Many examples and phrases can be used in context. Words which are grammatically important have short grammatical notes attached.

General comments about particular items of interest or software applications are given in separate boxes. Examples of magazines and journals are given to show how

The dictionary includes a number of product names and trademarked names that are included are those that are important to users or important in the development

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reboot

processing = processing operation that takes a time of the same order of magnitude as the problem to be solved; **real-time simulation** = computer model of a process where each process is executed in a similar time to the real process; **real-time system** = system whose processing time is within that of the problem, so that it can influence the source of the data; *in a real-time system, as you move the joystick left, the image on the screen moves left. If there is a pause for processing it is not a true real-time system*; **real time transport protocol (RTP)** = data transport protocol developed by the IETF that provides a guaranteed data delivery over a network that does not normally provide this type of quality of service; normally used to transfer video or multimedia data over a packet network, such as the Internet; *see also* QUALITY OF SERVICE; **real-time video** = *see* RTV

QUOTE:Quotron provides real-time quotes, news and analysis on equity securities through a network of 40,000 terminals to US brokers and investors.

Computing

QUOTE:a real-time process is one which interacts with a real external activity and respects deadlines imposed by that activity

.EXE

QUOTE:define a real-time system as any system which is expected to interact with its environment within certain timing constraints

British Telecom Technology Journal

realize or realizing the palette *verb* to select a particular set of colours for a 256-colour palette and use this palette when displaying an image, normally by mapping the colours in a logical palette into the system palette

RealNames system of assigning a trade name or descriptive name to a website address

reboot *verb* to reload an operating system during a computing session; *we rebooted and the files reappeared*; *see also* BOOT

recall

recall 1 *noun* bringing back text or files from store **2** *verb* to bring back text or files from store for editing

QUOTE:automatic recall provides the facility to recall the last twenty commands and to edit and re-use them

Practical Computing

receipt notification *noun* feature of many electronic mail applications that will send an automatic message to confirm that the recipient has received the message

receive *verb* to accept data from a communications link; *the computer received data via the telephone line*; **receive only** = computer terminal that can only accept and display data (but not transmit)

receiver *noun* electronic device that can detect transmitted signals and present them in a suitable form; **receiver register** = temporary storage register for data inputs, before processing

recode *verb* to code a program which has been coded for one system, so that it will work on another

recognition *noun* (i) being able to recognize something; (ii) process that allows something to be recognized, such as letters on a printed text or bars on bar codes, etc.; **optical character recognition** = process that allows printed or written characters to be recognized optically (using an optical character reader), and converted into a form that can be input into a computer; **optical mark recognition** = process that allows certain marks or lines or patterns to be recognized optically (using an optical character reader), and converted into a form that can be input into a computer; **recognition logic** = logical software used in OCR, AI, etc.

recognizable *adjective* which can be recognized

recognize *verb* to see something and remember that it has been seen before; *the scanner will recognize most character fonts*

recompile *verb* to compile a source program again, usually after changes or debugging

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record

reconfiguration *noun* altering the structure of data in a system

reconfigure *verb* to alter the structure of data in a system; *I reconfigured the field structure in the file; this program allows us to reconfigure the system to our own requirements*; *see also* CONFIGURE, SET UP

reconstitute *verb* to return a file to a previous state, usually to restore a file after a crash or corruption

record 1 *noun* set of items of related data; *your record contains several fields that have been grouped together under the one heading; this record contains all their personal details*; **chained record** = data record in a chained file; **change or transaction record** = record containing new data which is to be used to update a master record; **logical record** = number of items of related data which are held in temporary memory ready to be processed; **physical record** = record and control data combination stored on a backing device; **record count** = number of records within a stored file; **record format or layout** = organization and length of separate fields in a record; **record length** = quantity of data in a record; **record locking** = (in a multiuser system) software method of preventing more than one user writing data to a record at the same time; the first user's software sets a locked flag for the record during write operations, preventing other users from corrupting data by also writing data; **record structure** = list of the fields which make up a record, together with their length and data type; **records manager** = program which maintains records and can access and process them to provide information **2** *verb* to store data or signals on tape or on disk or in a computer; *record the results in this column; this device records signals onto magnetic tape; digitally recorded data are used to generate images*; **record button** = key pressed on a recorder when ready to record signals onto a medium; **record gap** = *see* BLOCK GAP; **record head or write head** = transducer that converts an electrical signal into a magnetic field to write the data onto a magnetic medium

QUOTE:Micro Focus provides Fileshare 2, which it claims substantially reduces network

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