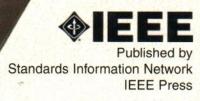
IEEE 100

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SEVENTH EDITION





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Categories

Trademarks

The Authorit

Abstracts and

Non-IEEE St

The Authoritative



computer output microfilm printer A page printer that produces a microimage of each page on a photographic film. (C) 610.10-1994w

computer performance evaluation (software) An engineering discipline that measures the performance of computer systems and investigates methods by which that performance can be improved. See also: throughput; utilization.

(C) 610.12-1990

computer program (1) (general) A plan or routine for solving a problem on a computer, as contrasted with such terms as fiscal program, military program, and development program. (MIL/C) [2], [20], [85]

(2) (analog computer) That combination of computer diagram, potentiometer list, amplifier list, trunk list, switch list, scaled equations, and any other documentation that defines the analog configuration for the particular problem to be solved. This term sometimes is used to include the problem patch board as well, and, in some loose usage, the computer program may be (incorrectly) used to refer solely to the pro-(C) 165-1977w gram patch panel.

(3) (programmable digital computer systems in safety systems of nuclear power generating stations) A schedule or plan that specifies actions that may or may not be taken, expressed in a form suitable for execution by a programmable 7432-1982w digital computer.

(4) (computer terminology) A combination of computer instructions and data definitions that enable computer hardware to perform computational or control functions. See also: soft-

(C/SE) J-STD-016-1995, 610.12-1990, 610.5-1990w, 610.10-1994w

computer program abstract (software) A brief description of a computer program that provides sufficient information for potential users to determine the appropriateness of the pro-(C) 610.12-1990 gram to their needs and resources.

computer program annotation See: comment.

computer program certification See: certification.

computer program component* (CPC) See: computer software component.

* Deprecated.

computer program configuration identification See: configuration identification.

computer program configuration item (CPCI) See: computer software configuration item.

computer program development plan See: software development plan.

computer program validation See: validation.

computer program verification See: verification.

computer resource allocation The assignment of computer resources to current and waiting jobs; for example, the assignment of main memory, input/output devices, and auxiliary storage to jobs executing concurrently in a computer system. See also: dynamic resource allocation; storage allocation.

(C) 610.12-1990

computer resources The computer equipment, programs, documentation, services, facilities, supplies, and personnel available for a given purpose. See also: computer resource allo-(C) 610.12-1990, 610.10-1994w cation.

computer security Protection of information, system resources, and system services through controls provided by hardware and software mechanisms, including access controls, user authentication mechanisms, and audit facilities.

(C/BA) 896.3-1993w

computer security object An information object used to maintain a condition of security in computerized environments. Examples include: representations of computer or communications systems resources, security label semantics, modes of operation for cryptographic algorithms, and one-way hash-(C/LM) 802.10g-1995 ing functions.

computer simulation A simulation of the operation of a computer. See also: computer-based simulation.

(C) 610.3-1989w

computer software component (CSC) A functionally or logically distinct part of a computer software configuration item. typically an aggregate of two or more software units.

(C) 610.12-1990

 $computer\ software\ configuration\ item\ (CSCI)\ An\ aggregation$ of software that is designated for configuration management and treated as a single entity in the configuration management process. Contrast: hardware configuration item. See also (C) 610.12-1990 configuration item.

computer system (1) (software) A system containing one or more computers and associated software. (C) 610.12-1990 (2) A system containing one or more computers, peripheral devices and associated software. Synonym: computing sys-(C) 610.7-1995, 610.10-1994

Computer System Simulation II (CSS/II) A simulation language that is based on the concepts used in GPSS, but specialized for use in modeling computer systems.

(C) 610.13-1993w

computer time See: time.

computer typesetting (CTS) See: computer-aided typesetting computer variable (1) A dependent variable as represented on the computer. See also: time.

(2) (machine variable) See also: scale factor.

(C) 165-1977w

computer word (1) A sequence of bits or characters treated as a unit and capable of being stored in one computer location (C) [20], [85]

(2) A unit of storage, typically a set of bits, that is suitable for processing by a given computer; for example, two bytes Synonyms: machine word; fullword. See also: double word (C) 610.10-1994w

(3) (computer terminology) See also: word.

(C) 610.5-1990w, 610.12-1990, 1084-1986w

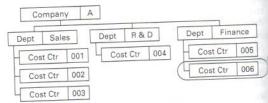
computing center A facility designed to provide computer services to a variety of users through the operation of computers and auxiliary hardware and through services provided by the (C) 610.12-1990 facility's staff.

computing elements (analog computer) A computer component that performs a mathematical operation required for problem solution. It is shown explicitly in computer diagrams (C) 165-1977w or computer programs.

computing system See: computer system.

concatenate To append one item to the end of another so as to form a single unit in a contiguous pattern. For example, if we concatenate 'AP' with 'PLE,' the result is 'APPLE,' Sym (C) 610.5-1990w onym: catenate.

concatenated key (A) (data management) A key derived from the concatenation of two or more keys. Synonyms: multifield key; fully concatenated key. (B) (data management) A concatenation of the keys for the first Nsegments found in a erarchical path. For example, in the structure below, the comcatenated key for segment xis "AFINANCE006."



concatenated key

(C) 610.5-199

concatenated transaction (1) A transaction where the reques and response subactions are directly concatenated without gap between the acknowledge of the request and the respons (C/MM) 1394-199 packet.

(2) A split transaction comprised of concatenated subaction (C/MM) 1394a-2001

ouncave (image proce ing to a region for between two points within the region. C

nursaled Rendered the building. Wires muncealed, even thou drawing them. mucealed knob-and

limits, tubes, and fi tion and support of buillow spaces of wi

concentrate (metallur

ing disseminated or cesses thereby elimi See also: electrowis mucentrated windin unils of which on mounted on salient mg machine; async ncentration The q terms of activity (or medium

nucentration cell (1 finne of which is d minuteraliste at anode (2) A cell of the tw substance is presen elientrodes. See also muentration polaria tion that is caused b letermining compor 2 That portion of t

to concentration ch innocentrator (1) (tele entity for connecting

off outliers. D A device that tween many low-sp fewer high-speed, a whose data rates is tates of the low-spe (B) (A) A device to ungle message or the data set in a s flamen process as

mous channels. See a

device in token mil

connected trunk on