

OS/400

Operating System/400. The operating system for IBM's AS/400 system.

PCM

Plug-Compatible Manufacturer. A hardware vendor whose products are direct replacements for the products of a computer systems manufacturer. Initially PCMs provided peripherals that were "plug-for-plug" compatible with IBM peripherals, but the PCM industry has since grown to include IBM-compatible mainframes and peripherals for other vendors' systems.

Presentation Manager

The graphical user interface in OS/2, which includes windowing, graphics, standards for the keyboard interface and editors for icons and fonts. It is the first manifestation of IBM's user interface architecture and is consistent with the CUA of SAA.

RDBMS

Relational Database Management System. In theory, a database is organized and accessed according to the relationship between data items expressed by means of tables. Data values, rather than pointers, express interdependences among these tables, enabling a high degree of data independence. In practice, the marketplace has determined that a RDBMS in one that is a SQL engine. We believe that is a sound judgement.

RPG

Report Program Generator. A programming language dominant in the S/3X and AS/400 arena.

SCO

Santa Cruz Operation.

SQL

Structured Query Language. A relational data language that provides a consistent, English keyword-oriented set of facilities for query, data definition, data manipulation and data control. It is a programmed interface to a relational database management system. IBM Research introduced SQL

as the main external interface to System R, an experimental RDBMS developed in the 1970s.

SQL statements include:

- data manipulation language (DML) statements: SELECT, INSERT, UPDATE and DELETE;
- Data definition language (DDL) statements, including the CREATE and DROP statements for tables and indexes;
- statements that control data consistency, and grant and revoke authority.

Dynamic SQL statements are those not completely specified until program execution. Static SQL statements are completely specified when the program is compiled. SQL is pronounced "Sequel".

TCP-IP

Transaction Control Protocol/Internet Protocol. A set of protocols for layer 3 and 4 (network and transfer) of the OSI network model. TCP/IP has been developed over a period of 15 years under the auspices of the Department of Defence. It is a *de facto* standard, particularly as high-level layers over Ethernet. Although it builds upon the OSI model, TCP/IP is not OSI compliant. Because of its popularity, however, we believe most vendors will continue to support TCP/IP after they have implemented true OSI interfaces.

Token Ring

A local area network access mechanism and topology in which all stations actively attached to the bus listen for a broadcast token or supervisory frame. It uses a ring-shaped layout and token-passing access method to carry data from device to device. IEEE 802.5 compliant LANs operate at 4 Mbps or 16 Mbps. Bus access is controlled by preassigned priority algorithms.

Ultrix

Digital Equipment Corp's version of UNIX, expected to evolve toward OSF's UNIX version OSF/1.