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can occur ○ *You cannot access the data unless the file is open.* **2.** not closed ■ **verb** to call up and prepare a file before accessing, editing or carrying out other transactions on stored records ○ *You cannot access the data unless the file has been opened.*

open access /ˌəʊpən ˈækses/ *noun* a system in which many workstations are available for anyone to use

open architecture /ˌəʊpən ˈɑːkitektʃə/ *noun* computer architecture with a published expansion interface that has been designed to allow add-on hardware to be plugged in

open code /ˌəʊpən kəʊd/ *noun* a set of extra instructions required in a program that mainly uses macroinstructions

open collaboration environment /ˌəʊpən kəˌlæbəˈreɪʃ(ə)n *in* ˌvaɪrənmənt/ *noun* full form of **OCE**

open database connectivity /ˌəʊpən ˌdeɪtəbeɪs ˌkɒnekˈtɪvɪti/ *noun* full form of **ODBC**

open datalink interface /ˌəʊpən ˈdeɪtəlɪŋk ˌɪntəfeɪs/ *noun* full form of **ODI**

open-ended program /ˌəʊpən ˌendɪd ˈprəʊgræm/ *noun* a program designed to allow future expansion and easy modification

open file /ˌəʊpən faɪl/ *noun* a file that can be read from or written to (NOTE: An application opens the file which locates the file on disk and prepares it for an operation.)

open reel /ˌəʊpən riːl/ *noun* a magnetic tape on a reel that is not enclosed in a cartridge or cassette

open routine /ˌəʊpən ruːˈtiːn/ *noun* a routine which can be inserted into a larger routine or program without using a call instruction

OpenScript /ˌəʊpənskript/ *noun* an object-oriented programming language used in the Asymetrix Toolbook authoring software

open shortest path first /ˌəʊpən ˌʃɔːtəst pɑːθ ˈfɜːst/ *noun* full form of **OSPF**

open source *adjective* describes a program for which the source code is freely available and which anyone is legally able to modify and improve

'In yet another initiative, aimed at cutting the upfront costs of big IT projects, the OGC is tipping towards

a preference for open source software.' [The Guardian]

open subroutine /ˌəʊpən ˈsʌbruːtɪn/ *noun* a code for a subroutine which is copied into memory whenever a call instruction is found, rather than executing a jump to the subroutine's address

open system /ˌəʊpən ˌsɪstəm/ *noun* **1.** a nonproprietary system that is not under the control of one company **2.** a system that is constructed in such a way that different operating systems can work together

open system interconnection /ˌəʊpən ˌsɪstəm ˌɪntəkəˈnekʃ(ə)n/ *noun* **e.** Full form of **OSI**

open trading protocol /ˌəʊpən ˈtreɪdɪŋ ˌprəʊtəkɒl/ *noun* a standardised computer protocol for transactions involving payments and for methods of payment. Abbr **OTP**

operand /ˈɒpərænd/ *noun* the data in a computer instruction which is to be operated on by the operator ○ *In the instruction ADD 74, the operator ADD will add the operand 74 to the accumulator.*

operand field /ˈɒpərænd fiːld/ *noun* a part of a computer instruction containing the location of the operand

operate /ˈɒpəreɪt/ *verb* to work or to make a machine work ○ *Do you know how to operate the telephone switchboard?* (NOTE: operates – operating – operated)

operating code /ˈɒpəreɪtɪŋ kəʊd/ *noun* a part of the machine code instruction that defines the action to be performed. Also called **op code**

operating console /ˈɒpəreɪtɪŋ ˌkɒnsəʊl/ *noun* a terminal in an interactive system that sends and receives information

operating instructions /ˈɒpəreɪtɪŋ ɪnˌstrʌkʃənz/ *plural noun* commands and instructions used to operate a computer

operating system /ˈɒpəreɪtɪŋ ˌsɪstəm/ *noun* full form of **OS**

operating time /ˈɒpəreɪtɪŋ taɪm/ *noun* the total time required to carry out a task

operation /ˌɒpəˈreɪʃ(ə)n/ *noun* the working of a machine

operational /ˌɒpəˈreɪʃ(ə)nəl/ *adjective* which is working

operational information /ˌɒpəˈreɪʃ(ə)nəl ɪnfəˈmeɪʃ(ə)n/ *noun* information about the normal operations of a system