FILE STATUS FOR COBOL (ANSI 74/85)

ANSI VERSION COBOL		DESCRIPTION
'74	**'85**	**Meaning**
00	00	Successful completion
02	02	Indexed files only.
•		One of two possibilities: • For a READ statement, the key value for the current key is equal to the value of that same key in the next record in the current key of reference. • For a WRITE or REWRITE statement, the record just written created a duplicate key value for at least one alternate record key for which duplicates are allowed.
00	04	The length of the record being processed does not conform to the fixed file attributes for that file.
00	05	The referenced optional file is not present at the time the OPEN statement is executed.
00	07	Sequential files only. For an OPEN or CLOSE statement with the REEL/UNIT phrase the referenced file is a non-reel/unit medium.
10	10	No next logical record exists. You have reached the end of the file.
	14	Relative files only. The number of significant digits in the relative record number is larger than the size of the relative key data item described for that file.
21	21	Sequentially accessed files only. Indicates a sequence error. The ascending key requirement of successive record key values has been violated, or, the prime record key value has been changed by a COBOL program between successful execution of a READ statement and execution of the next REWRITE statement for that file.
22	22	Indexed and relative files only. Indicates a duplicate key condition. Attempt has been made to store a record that would create a duplicate key in the indexed or relative file or a duplicate alternate record key that does not allow duplicates.
23	23	Indicates no record found. An attempt has been made to access a record identified by a key, and that record does not exist in the file. Alternatively a START or READ operation has been tried on an optional input file that is not present.
24	24	Relative and indexed files only. Indicates a boundary violation arising from one of the following conditions: • An attempt has been made to write beyond the externally defined boundaries of a file. • A sequential WRITE operation has been tried on a relative file, but the number of significant digits in the relative record number is larger than the size of the relative key data item described for the file.

30	The I/O statement was unsuccessfully executed as the result of a boundary violation for a sequential file or as the result of an I/O error, such as a data check parity error, or a transmission error.
34	The I/O statement failed because of a boundary violation. This condition indicates that an attempt has been made to write beyond the externally defined boundaries of a sequential file.
35	An OPEN operation with the I-O, INPUT, or EXTEND phrases has been tried on a non-OPTIONAL file that is not present.
37	An OPEN operation has been tried on a file which does not support the open mode specified in the OPEN statement.
38	An OPEN operation has been tried on a file previously closed with a lock.
39	A conflict has been detected between the fixed file attributes and the attributes specified for that file in the program.
41	An OPEN operation has been tried on file already opened.
42	A CLOSE operation has been tried on file already closed.
43	Files in sequential access mode. The last I/O statement executed for the file, before the execution of a DELETE or REWRITE statement, was not a READ statement.
44	A boundary violation exists. Possible violations are: • An attempt has been made to WRITE or REWRITE a record that is larger than the largest, or smaller than the smallest record allowed by the RECORD IS VARYING clause of the associated file. • An attempt has been made to REWRITE a record to a file, and the record is not the same size as the record being replaced.
46	A sequential READ operation has been tried on a file open in the INPUT or I-O mode but no valid next record has been established.
47	A READ or START operation has been tried on a file not opened INPUT or I-O.
48	A WRITE operation has been tried on a file not opened in the OUTPUT, I-O, or EXTEND mode, or on a file open I-O in the sequential access mode.
49	A DELETE or REWRITE operation has been tried on a file that is not opened I-O.
9/nnn	Extended file status code as shown below. RT001 Insufficient buffer space. Could also indicate an out of memory situation. RT002 File not open when access tried. RT003 Serial mode error. RT004 Illegal file name. RT005 Illegal device specification. RT006 Attempt to write to a file opened for input. RT007 Disk space exhausted. RT008 Attempt to input from a file opened for output. RT009 No room in directory (also, directory does not exist). RT010 File name not supplied. RT012 Attempt to open a file which is already open.

RT013 File not found.

RT014 Too many files open simultaneously.

RT015 Too many indexed files open.

RT016 Too many device files open.

RT017 Record error: probably zero length.

RT018 Read part record error: EOF before EOR or file open in wrong mode.

RT019 Rewrite error: open mode or access mode wrong.

RT020 Device or resource busy.

RT021 File is a directory.

RT022 Illegal or impossible access mode for OPEN.

RT023 Illegal or impossible access mode for CLOSE.

RT024 Disk I/O error.

RT025 Operating system data error.

RT026 Block I/O error.
35   RT027 Device not available.

RT028 No space on device.

RT029 Attempt to delete open file.

RT030 File system is read only.

RT031 Not owner of file.

RT032 Too many indexed files, or no such process.
30   RT033 Physical I/O error.
30   RT034 Incorrect mode or file descriptor.
37   RT035 Attempt to access a file with incorrect permission.

RT036 File already exists.

RT037 File access denied.

RT038 Disk not compatible.

RT039 File not compatible.

RT040 Language initialization not set up correctly.

RT041 Corrupt index file.

RT042 Attempt to write on broken pipe.

RT043 File information missing for indexed file.

RT045 Attempt to open an NLS file using an incompatible program.

RT047 Indexed structure overflow. (Could indicate that you have reached the maximum number of duplicate keys.)

RT065 File locked.

RT066 Attempt to add duplicate record key to indexed file.

RT068 Record locked.

RT069 Illegal argument to ISAM module.

RT070 Too many indexed files open.

RT071 Bad indexed file format.

RT072 End of indexed file.

RT099 Invalid sort operation.

37   RT100 Invalid file operation.

RT104 Null file name used in a file operation.

RT105 Memory allocation error.

RT138 File closed with lock - cannot be opened.

39/44   RT139 Record length or key data inconsistency.

41   RT141 File already open - cannot be opened.

42   RT142 File not open - cannot be closed.

43   RT143 REWRITE/DELETE in sequential mode not preceded by successful READ.

46   RT146 No current record defined for sequential read.

47   RT147 Wrong open mode or access mode for READ/START.

RT148 Wrong open mode or access mode for WRITE.

RT149 Wrong open mode or access mode for REWRITE/ DELETE.

RT161 File header not found.

RT169. File is striped, but the value of MAXSTRIPEFILES in **extfh.cfg** is beyond the permitted range.

RT173 Called program not found.

RT188 File name too large.

34   RT194 File size too large.

RT195 DELETE/REWRITE not preceded by a READ.

14   RT196 Record number too large in relative or indexed file.

38   RT210 File is closed with lock.

38   RT213 Too many locks.

RT218 Malformed MULTIPLE REEL/UNIT file.

RT219 Operating system shared file limit exceeded.